

DOMINO  
CX3000

**DOMINO  
CX3000**

**PI\_ALM - 1 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	100	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	200	0	0	0	0	0	0	0	0	0
Duty (%)	50	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	3	0	0	0	0	0	0	0	0	0
Stand Off (mm)	3	0	0	0	0	0	0	0	0	0
Focal (mm)	-1.2	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

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**PI\_ALM - 1 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	0
Stand Off (mm)	0	0	0	0	0	0
Focal (mm)	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

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**PI\_ALM - 1 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	7500	5500	5000	3000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	2500	2200	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	8	8	8	8	3.5
Stand Off (mm)	0.6	0.6	0.6	0.6	0.8
Focal (mm)	0	0	0	0	-0.5
Start Speed (%)	100	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_ALM - 1 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	4500	3800	3000	3000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	2500	2500	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	8	8	8	8	3.5
Stand Off (mm)	0.6	0.6	0.6	0.6	0.8
Focal (mm)	0	0	0	0	-0.5
Start Speed (%)	100	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_ALM - 1 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	0
Line Enable	Yes

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**PI\_ALM - 1 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	50
Corner distance (mm)	4
Feed reg (%)	-30
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	1
Gas Pressure (bar)	2
Delay gas (ms)	100

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

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**PI\_ALM - 2 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	100	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	200	0	0	0	0	0	0	0	0	0
Duty (%)	50	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	3	0	0	0	0	0	0	0	0	0
Stand Off (mm)	3	0	0	0	0	0	0	0	0	0
Focal (mm)	-1.2	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

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**PI\_ALM - 2 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	0
Laser Mode	CW	CW	CW	CW	CW	CW
Power (W)	0	0	0	0	0	0
Frequency (Hz)	0	0	0	0	0	0
Duty (%)	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	0
Stand Off (mm)	0	0	0	0	0	0
Focal (mm)	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

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**PI\_ALM - 2 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	4300	4300	4300	4300	6000
Laser Mode	GP	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	1000	0	0	0	0
Duty (%)	99	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	8	8	8	8	8
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-1.5	-1.5	-1.5	-1	-1
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	0	0	0	0	0
Modulation	Yes	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	80	100	100	100	100
Duty reg (%)	35	100	100	100	100
Speed Min (mm/min)	50	0	0	0	0
Speed Max (mm/min)	4950	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_ALM - 2 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3500	3500	3500	3500	6000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	8	8	8	8	8
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-1	-1	-1	-1	-1
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	0	0	0	0	0
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_ALM - 2 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	0
Line Enable	Yes

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**PI\_ALM - 2 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	50
Corner distance (mm)	4
Feed reg (%)	-30
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	Yes

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	3
Gas Pressure (bar)	3
Delay gas (ms)	3000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

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**PI\_ALM - 3 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	100	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	200	0	0	0	0	0	0	0	0	0
Duty (%)	99	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1.5	0	0	0	0	0	0	0	0	0
Stand Off (mm)	3	0	0	0	0	0	0	0	0	0
Focal (mm)	0.2	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

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**PI\_ALM - 3 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	0
Laser Mode	CW	CW	CW	CW	CW	CW
Power (W)	0	0	0	0	0	0
Frequency (Hz)	0	0	0	0	0	0
Duty (%)	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	0
Stand Off (mm)	0	0	0	0	0	0
Focal (mm)	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

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**PI\_ALM - 3 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2700	2900	2900	2000	3000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	2800	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	8	13	13	13	13
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-3.2	-1.7	-1.7	-1.7	-1.7
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	0	0	0	0	0
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_ALM - 3 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2100	2200	2200	2000	3000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	2800	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	8	13	13	13	13
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-3.2	-1.7	-1.7	-1.7	-1.7
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	0	0	0	0	0
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_ALM - 3 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	0
Line Enable	Yes

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**PI\_ALM - 3 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	30
Corner distance (mm)	4
Feed reg (%)	-20
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	1
Gas Pressure (bar)	1
Delay gas (ms)	100

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	1500

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	2

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**PI\_ALM - 4 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	400	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	190	0	0	0	0	0	0	0	0	0
Duty (%)	85	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	3	0	0	0	0	0	0	0	0	0
Stand Off (mm)	3	0	0	0	0	0	0	0	0	0
Focal (mm)	-1.8	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

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**PI\_ALM - 4 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	0
Laser Mode	CW	CW	CW	CW	CW	CW
Power (W)	0	0	0	0	0	0
Frequency (Hz)	0	0	0	0	0	0
Duty (%)	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	0
Stand Off (mm)	0	0	0	0	0	0
Focal (mm)	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

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**PI\_ALM - 4 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1800	1700	1700	1400	1800
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	12.5	12.5	12.5	12.5	12.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-5	-5	-5	-4	-4
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	500	500	500	500	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ALM - 4 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1400	1300	1300	1100	1800
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	12.5	12.5	12.5	12.5	12.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-5	-5	-5	-4	-4
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	500	500	500	500	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ALM - 4 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	0
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_ALM - 4 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	30
Corner distance (mm)	4
Feed reg (%)	-20
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	1
Gas Pressure (bar)	2
Delay gas (ms)	100

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.5

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

**DOMINO  
CX3000**

**PI\_ALM - 5 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	400	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	190	0	0	0	0	0	0	0	0	0
Duty (%)	85	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	3	0	0	0	0	0	0	0	0	0
Stand Off (mm)	3	0	0	0	0	0	0	0	0	0
Focal (mm)	-1.8	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ALM - 5 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	0
Laser Mode	CW	CW	CW	CW	CW	CW
Power (W)	0	0	0	0	0	0
Frequency (Hz)	0	0	0	0	0	0
Duty (%)	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	0
Stand Off (mm)	0	0	0	0	0	0
Focal (mm)	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ALM - 5 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1300	1200	1200	1400	1800
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	12.5	12.5	12.5	12.5	12.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-6	-6	-6	-4	-4
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	500	500	500	500	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ALM - 5 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1100	1000	1000	1000	1800
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	12.5	12.5	12.5	12.5	12.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-6	-6	-6	-4	-4
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	500	500	500	500	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ALM - 5 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	0
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_ALM - 5 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	30
Corner distance (mm)	4
Feed reg (%)	-20
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	1
Gas Pressure (bar)	2
Delay gas (ms)	100

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.5

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

**DOMINO  
CX3000**

**PI\_ALM - 6 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	500	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	190	0	0	0	0	0	0	0	0	0
Duty (%)	85	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	3	0	0	0	0	0	0	0	0	0
Stand Off (mm)	3	0	0	0	0	0	0	0	0	0
Focal (mm)	-3.3	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ALM - 6 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	0
Laser Mode	CW	CW	CW	CW	CW	CW
Power (W)	0	0	0	0	0	0
Frequency (Hz)	0	0	0	0	0	0
Duty (%)	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	0
Stand Off (mm)	0	0	0	0	0	0
Focal (mm)	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ALM - 6 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1000	1000	1000	1000	1200
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	14	14	14	14	14
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-5.5	-5.5	-5.5	-5.5	-5.5
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	500	500	500	500	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ALM - 6 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	800	800	800	800	1200
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	14	14	14	14	14
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-5.5	-5.5	-5.5	-5.5	-5.5
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	500	500	500	500	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ALM - 6 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	0
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_ALM - 6 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	30
Corner distance (mm)	4
Feed reg (%)	-20
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	1
Gas Pressure (bar)	2
Delay gas (ms)	100

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.5

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

**DOMINO  
CX3000**

**PI\_ALM - 8 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	1400	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	200	0	0	0	0	0	0	0	0	0
Duty (%)	95	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	3	0	0	0	0	0	0	0	0	0
Focal (mm)	-3	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ALM - 8 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	0
Laser Mode	CW	CW	CW	CW	CW	CW
Power (W)	0	0	0	0	0	0
Frequency (Hz)	0	0	0	0	0	0
Duty (%)	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	0
Stand Off (mm)	0	0	0	0	0	0
Focal (mm)	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ALM - 8 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	800	600	600	600	800
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	14	14	14	14	14
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-3	-5	-7	-7	-3
Start Speed (%)	40	50	50	50	50
Delay gas (ms)	500	500	500	500	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ALM - 8 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	600	500	500	500	600
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	14	14	14	14	14
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-3	-5	-7	-7	-3
Start Speed (%)	40	50	50	50	50
Delay gas (ms)	500	500	500	500	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ALM - 8 mm  
Tracing**

Parameter	Tracing
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	0
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_ALM - 8 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	30
Corner distance (mm)	4
Feed reg (%)	-20
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	Yes

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	1
Gas Pressure (bar)	2
Delay gas (ms)	100

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 3.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	0
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

**DOMINO  
CX3000**

**PI\_DOMEX - 4 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	500	1000	0	0	0	0	0	0	0	0
Laser Mode	GP	GP	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	2000	2000	0	0	0	0	0	0	0	0
Frequency (Hz)	50	100	0	0	0	0	0	0	0	0
Duty (%)	15	20	0	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	1	0	0	0	0	0	0	0	0
Stand Off (mm)	4	4	0	0	0	0	0	0	0	0
Focal (mm)	0	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	Yes	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_DOMEX - 4 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-3000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	40
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	0.7
Stand Off (mm)	0	0	0	0	0	4
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	Yes

**DOMINO  
CX3000**

**PI\_DOMEX - 4 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3000	2200	1300	150	3500
Laser Mode	GP	GP	GP	GP	CW
Power (W)	1300	1100	1100	1700	1800
Frequency (Hz)	1000	1000	500	20	0
Duty (%)	99	99	60	20	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	1.8	1.8	1.8	3	1.8
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0	0.5	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	100	100	100	100	500
Modulation	Yes	Yes	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	100	100	100
Duty reg (%)	20	20	100	100	100
Speed Min (mm/min)	50	50	0	0	0
Speed Max (mm/min)	3000	2200	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	4	4	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_DOMEX - 4 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3000	2200	1300	150	3500
Laser Mode	GP	GP	GP	GP	CW
Power (W)	1300	1100	1100	1700	1800
Frequency (Hz)	1000	1000	500	20	0
Duty (%)	99	99	60	20	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	1.8	1.8	1.8	3	1.8
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0	0.5	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	100	100	100	100	500
Modulation	Yes	Yes	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	100	100	100
Duty reg (%)	20	20	100	100	100
Speed Min (mm/min)	50	50	0	0	0
Speed Max (mm/min)	3000	2200	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	4	4	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_DOMEX - 4 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	1.1
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_DOMEX - 4 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	10
Corner distance (mm)	4
Feed reg (%)	0
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	Yes
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	1

**DOMINO  
CX3000**

**PI\_DOMEX - 8 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	1000	1000	1000	0	0	0	0	0	0	0
Laser Mode	GP	GP	GP	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	0	0	0	0	0	0	0
Frequency (Hz)	50	100	100	0	0	0	0	0	0	0
Duty (%)	12	15	18	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	1	1	0	0	0	0	0	0	0
Stand Off (mm)	3	3	3	0	0	0	0	0	0	0
Focal (mm)	-1	-1	-1	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	Yes	Yes	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_DOMEX - 8 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	250	-6000
Laser Mode	CW	CW	CW	GP	GP	GP
Power (W)	0	0	0	2000	2000	3000
Frequency (Hz)	0	0	0	1000	1000	50
Duty (%)	0	0	0	90	90	50
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	1	1	0.7
Stand Off (mm)	0	0	0	3	3	3
Focal (mm)	0	0	0	1	1	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_DOMEX - 8 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1800	1600	1400	1100	1900
Laser Mode	CW	CW	GP	GP	CW
Power (W)	3000	3000	2200	1400	3000
Frequency (Hz)	1000	1000	800	800	0
Duty (%)	99	99	80	80	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.8	0.8	0.8	0.6	0.7
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	1.5	1.5	0	0	0
Start Speed (%)	60	60	100	100	70
Delay gas (ms)	500	500	500	500	500
Modulation	Yes	Yes	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	100	100	100
Duty reg (%)	20	20	100	100	100
Speed Min (mm/min)	20	20	0	0	0
Speed Max (mm/min)	2100	1800	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	4	4	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_DOMEX - 8 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1800	1600	1400	1100	1900
Laser Mode	CW	CW	GP	GP	CW
Power (W)	3000	3000	2200	1400	3000
Frequency (Hz)	1000	1000	800	800	0
Duty (%)	99	99	80	80	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.8	0.8	0.8	0.6	0.7
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	1.5	1.5	0	0	0
Start Speed (%)	60	60	100	100	70
Delay gas (ms)	500	500	500	500	500
Modulation	Yes	Yes	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	100	100	100
Duty reg (%)	20	20	100	100	100
Speed Min (mm/min)	20	20	0	0	0
Speed Max (mm/min)	2100	1800	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	4	4	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_DOMEX - 8 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	72
Gas Type	Air
Pressure (bar)	0.7
Stand Off (mm)	2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_DOMEX - 8 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	10
Corner distance (mm)	4
Feed reg (%)	0
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	DT 1.5

<b>Piercing Devices</b>	
LPM Enable	Yes
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	20
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	800
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	1

**DOMINO  
CX3000**

**PI\_DOMEX - 10 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	1200	1200	1200	1200	1200	0	0	0	0	0
Laser Mode	GP	GP	GP	GP	GP	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000	0	0	0	0	0
Frequency (Hz)	50	100	100	100	100	0	0	0	0	0
Duty (%)	12	15	18	21	24	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	1	1	1	1	0	0	0	0	0
Stand Off (mm)	3	3	3	3	3	0	0	0	0	0
Focal (mm)	-1	-1	-1	-1	-1	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_DOMEX - 10 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	250	-10000
Laser Mode	CW	CW	CW	GP	GP	GP
Power (W)	0	0	0	3000	3000	3000
Frequency (Hz)	0	0	0	1000	1000	50
Duty (%)	0	0	0	90	90	60
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0.7	0.7	0.5
Stand Off (mm)	0	0	0	3	3	3
Focal (mm)	0	0	0	1	1	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_DOMEX - 10 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1400	1250	1000	1000	1400
Laser Mode	GP	GP	GP	GP	CW
Power (W)	2700	2500	2000	2000	3000
Frequency (Hz)	1000	1000	800	800	0
Duty (%)	99	99	80	90	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.55	0.55	0.55	0.5	0.6
Stand Off (mm)	1.2	1.2	1.2	2	1.2
Focal (mm)	1.2	1	1	1.5	0
Start Speed (%)	90	100	100	100	90
Delay gas (ms)	500	500	500	500	500
Modulation	Yes	Yes	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	100	100	100
Duty reg (%)	20	20	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	1400	1100	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	4	4	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_DOMEX - 10 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1400	1250	1000	1000	1400
Laser Mode	GP	GP	GP	GP	CW
Power (W)	2700	2500	2000	2000	3000
Frequency (Hz)	1000	1000	800	800	0
Duty (%)	99	99	80	90	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.55	0.55	0.55	0.5	0.6
Stand Off (mm)	1.2	1.2	1.2	2	1.2
Focal (mm)	1.2	1	1	1.5	0
Start Speed (%)	90	100	100	100	90
Delay gas (ms)	500	500	500	500	500
Modulation	Yes	Yes	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	100	100	100
Duty reg (%)	20	20	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	1400	1100	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	4	4	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_DOMEX - 10 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	72
Gas Type	Air
Pressure (bar)	0.6
Stand Off (mm)	2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_DOMEX - 10 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	10
Corner distance (mm)	4
Feed reg (%)	0
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	

<b>Piercing Devices</b>	
LPM Enable	Yes
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	15
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	1

**DOMINO  
CX3000**

**PI\_MS L5 AIR - 1 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	100	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	100	0	0	0	0	0	0	0	0	0
Duty (%)	90	0	0	0	0	0	0	0	0	0
Gas Type	Air	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1.5	0	0	0	0	0	0	0	0	0
Stand Off (mm)	0.8	0	0	0	0	0	0	0	0	0
Focal (mm)	0	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L5 AIR - 1 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L5 AIR - 1 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	11300	11900	10300	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	Air	Air	Air	Air	Air
Pressure (bar)	1.5	1.5	1.5	1.5	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	0	0	0	0	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 AIR - 1 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	11300	11900	10300	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	Air	Air	Air	Air	Air
Pressure (bar)	1.5	1.5	1.5	1.5	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	0	0	0	0	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 AIR - 1 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L5 AIR - 1 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	1
Gas Pressure (bar)	1
Delay gas (ms)	100

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	5

**DOMINO  
CX3000**

**PI\_MS L5 AIR - 1.5 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	100	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	100	0	0	0	0	0	0	0	0	0
Duty (%)	90	0	0	0	0	0	0	0	0	0
Gas Type	Air	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1.5	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L5 AIR - 1.5 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L5 AIR - 1.5 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	10500	9500	8600	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	Air	Air	Air	Air	Air
Pressure (bar)	1.5	1.5	1.5	1.5	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	0	0	0	0	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 AIR - 1.5 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	10500	9500	8600	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	Air	Air	Air	Air	Air
Pressure (bar)	1.5	1.5	1.5	1.5	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	0	0	0	0	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 AIR - 1.5 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L5 AIR - 1.5 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	1
Gas Pressure (bar)	1
Delay gas (ms)	100

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	5

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 4 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	200	0	0	0	0	0	0	0	0	0
Duty (%)	80	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 4 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 4 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1700	1700	1000	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	13	13	13	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-4	-4	-4	-1	-1
Start Speed (%)	40	40	40	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	4	4	4	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 4 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1700	1700	1000	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	13	13	13	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-4	-4	-4	-1	-1
Start Speed (%)	40	40	40	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	4	4	4	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 4 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 4 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 5 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	200	0	0	0	0	0	0	0	0	0
Duty (%)	80	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 5 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 5 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1400	1300	1000	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	13	13	13	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-6	-6	-6	-1	-1
Start Speed (%)	40	40	40	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	50	50	50	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 5 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1400	1300	1000	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	13	13	13	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-6	-6	-6	-1	-1
Start Speed (%)	40	40	40	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	50	50	50	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 5 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 5 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.5

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 6 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	150	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	200	0	0	0	0	0	0	0	0	0
Duty (%)	90	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 6 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 6 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1100	1000	800	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	13	13	13	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-6.5	-6.5	-6.5	-1	-1
Start Speed (%)	40	40	40	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	50	50	50	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 6 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1100	1000	800	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	13	13	13	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-6.5	-6.5	-6.5	-1	-1
Start Speed (%)	40	40	40	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	50	50	50	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 6 mm  
Tracing**

Parameter	Tracing
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 6 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.5

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	5

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 8 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	1400	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	200	0	0	0	0	0	0	0	0	0
Duty (%)	90	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-5	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 8 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 8 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	800	800	700	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	14	14	14	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-9	-9	-9	-1	-1
Start Speed (%)	40	40	40	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	50	50	50	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 8 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	800	800	700	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	14	14	14	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-9	-9	-9	-1	-1
Start Speed (%)	40	40	40	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	50	50	50	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 8 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L75 N2 - 8 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	-10
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.5

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	5

**DOMINO  
CX3000**

**PI\_MS L5 - 0.5 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	50	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	2000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	50	0	0	0	0	0	0	0	0	0
Duty (%)	15	0	0	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	0	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L5 - 0.5 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-1000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	1500
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	40
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	0.7
Stand Off (mm)	0	0	0	0	0	4
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L5 - 0.5 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	6500	2600	1900	1900	12800
Laser Mode	GP	GP	GP	GP	CW
Power (W)	1300	1200	1200	1200	3000
Frequency (Hz)	1000	1000	800	800	0
Duty (%)	99	99	70	70	0
Gas Type	O2	O2	O2	O2	N2
Pressure (bar)	3	1.2	1.2	1.2	2
Stand Off (mm)	1.2	1.2	1.2	1.2	0.8
Focal (mm)	0	0	0	0	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	0	0	0	0	600
Modulation	Yes	Yes	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	100	100	100
Duty reg (%)	20	20	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	6300	2500	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 - 0.5 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	4000	4000	4000	0	0
Laser Mode	GP	GP	CW	CW	CW
Power (W)	1200	1200	1200	0	0
Frequency (Hz)	1000	1000	1000	0	0
Duty (%)	99	99	99	0	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	1.4	1.4	1.4	1	1
Stand Off (mm)	1.2	1.2	1.2	0.8	0.8
Focal (mm)	0	0	0	0	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	0	0	0	0	0
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	100	100
Duty reg (%)	20	20	20	100	100
Speed Min (mm/min)	50	50	50	0	0
Speed Max (mm/min)	3800	3800	3800	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	5	4	3	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 - 0.5 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	1.8
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	10
Corner distance (mm)	4
Feed reg (%)	0
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	Yes

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	2

**DOMINO  
CX3000**

**PI\_MS L5 - 1 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	50	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	2000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	50	0	0	0	0	0	0	0	0	0
Duty (%)	15	0	0	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	2.8	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L5 - 1 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-1000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	1500
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	40
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	0.7
Stand Off (mm)	0	0	0	0	0	4
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L5 - 1 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	6500	2600	1900	1900	12800
Laser Mode	GP	GP	GP	GP	CW
Power (W)	1400	1200	1200	1200	3000
Frequency (Hz)	1000	1000	800	800	0
Duty (%)	99	99	70	70	0
Gas Type	O2	O2	O2	O2	N2
Pressure (bar)	3	2	1.2	1.2	2
Stand Off (mm)	1.2	1.2	1.2	1.2	0.8
Focal (mm)	0	0	0	0	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	0	0	0	0	600
Modulation	Yes	Yes	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	100	100	100
Duty reg (%)	20	20	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	6300	2500	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 - 1 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	4000	4000	4000	0	0
Laser Mode	GP	GP	CW	CW	CW
Power (W)	1200	1200	1200	0	0
Frequency (Hz)	1000	1000	1000	0	0
Duty (%)	99	99	99	0	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	1.4	1.4	1.4	1	1
Stand Off (mm)	1.2	1.2	1.2	0.8	0.8
Focal (mm)	0	0	0	0	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	0	0	0	0	0
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	100	100
Duty reg (%)	20	20	20	100	100
Speed Min (mm/min)	50	50	50	0	0
Speed Max (mm/min)	3800	3800	3800	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	5	4	3	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_MS L5 - 1 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	200
Duty (%)	20
Gas Type	Air
Pressure (bar)	1.8
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L5 - 1 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	10
Corner distance (mm)	4
Feed reg (%)	0
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	Yes

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

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**PI\_MS L5 - 1.5 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	100	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	2000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	50	0	0	0	0	0	0	0	0	0
Duty (%)	15	0	0	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	2.8	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

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**PI\_MS L5 - 1.5 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-1000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	1500
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	40
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	0.7
Stand Off (mm)	0	0	0	0	0	4
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

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**PI\_MS L5 - 1.5 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	5000	2500	1900	1900	9000
Laser Mode	GP	GP	GP	GP	CW
Power (W)	1600	1200	1200	1200	3000
Frequency (Hz)	1000	1000	800	800	0
Duty (%)	99	99	70	70	0
Gas Type	O2	O2	O2	O2	N2
Pressure (bar)	1.5	1.3	1.3	1.3	3
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0	0	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	50	50	50	50	50
Modulation	Yes	Yes	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	100	100	100
Duty reg (%)	20	20	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	4800	2400	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_MS L5 - 1.5 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3800	3800	3800	3800	3800
Laser Mode	GP	GP	GP	GP	GP
Power (W)	1200	1200	1200	1200	1200
Frequency (Hz)	1000	1000	1000	1000	1000
Duty (%)	99	99	99	99	99
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	1.4	1	1	1	1
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0	0	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	0	0	0	0	0
Modulation	Yes	Yes	Yes	Yes	Yes
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	2
Duty reg (%)	20	20	20	20	20
Speed Min (mm/min)	50	50	50	50	50
Speed Max (mm/min)	3600	3600	3600	3600	3600
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	5	4	3	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_MS L5 - 1.5 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	500
Duty (%)	55
Gas Type	Air
Pressure (bar)	1.5
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	30
Line Enable	Yes

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**PI\_MS L5 - 1.5 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	10
Corner distance (mm)	4
Feed reg (%)	0
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	Yes

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

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**PI\_MS L5 - 2 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	200	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	2000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	50	0	0	0	0	0	0	0	0	0
Duty (%)	15	0	0	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	2.8	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

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**PI\_MS L5 - 2 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-1000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	1500
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	40
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	0.7
Stand Off (mm)	0	0	0	0	0	4
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

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**PI\_MS L5 - 2 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3800	2800	1900	1900	7500
Laser Mode	GP	GP	GP	GP	CW
Power (W)	1300	1200	1200	1200	3000
Frequency (Hz)	1000	1000	800	800	0
Duty (%)	99	99	70	70	0
Gas Type	O2	O2	O2	O2	N2
Pressure (bar)	1.8	1.8	1.8	1.3	3
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0	0	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	50	50	50	50	50
Modulation	Yes	Yes	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	100	100	100
Duty reg (%)	20	20	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	3600	2600	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_MS L5 - 2 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3200	3000	1900	1900	7500
Laser Mode	GP	GP	GP	GP	GP
Power (W)	1300	1200	1200	1200	3000
Frequency (Hz)	1000	1000	1000	1000	1000
Duty (%)	99	99	99	99	99
Gas Type	O2	O2	O2	O2	N2
Pressure (bar)	1.4	1.4	1.4	1.4	1.4
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0	0	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	50	50	50	50	50
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	100	100
Duty reg (%)	20	20	20	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	5	5	5	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_MS L5 - 2 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	1.5
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

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**PI\_MS L5 - 2 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	10
Corner distance (mm)	4
Feed reg (%)	0
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

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**PI\_MS L5 - 2.5 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	300	800	0	0	0	0	0	0	0	0
Laser Mode	GP	GP	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	3000	0	0	0	0	0	0	0	0
Frequency (Hz)	50	100	0	0	0	0	0	0	0	0
Duty (%)	15	20	0	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	1	0	0	0	0	0	0	0	0
Stand Off (mm)	3	3	0	0	0	0	0	0	0	0
Focal (mm)	1.8	1.8	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

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**PI\_MS L5 - 2.5 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-2000
Laser Mode	CW	CW	CW	GP	GP	GP
Power (W)	0	0	0	3000	3000	2000
Frequency (Hz)	0	0	0	500	500	50
Duty (%)	0	0	0	50	50	45
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	1	1	0.7
Stand Off (mm)	0	0	0	1.2	1.2	3
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	Yes	Yes	No

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**PI\_MS L5 - 2.5 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3500	3000	1900	1500	3000
Laser Mode	GP	GP	GP	GP	CW
Power (W)	1500	1200	1400	1400	3000
Frequency (Hz)	1000	1000	1000	800	0
Duty (%)	99	99	99	70	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	2	2	2	1	0.5
Stand Off (mm)	1.2	1.2	1.2	1.2	1
Focal (mm)	0	0	0	0.3	0.5
Start Speed (%)	50	50	100	100	50
Delay gas (ms)	50	50	50	50	300
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	0	0	0	50	0
Speed Max (mm/min)	3500	3500	3500	3500	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_MS L5 - 2.5 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3500	3000	1900	1500	3000
Laser Mode	GP	GP	GP	GP	CW
Power (W)	1500	1200	1400	1400	3000
Frequency (Hz)	1000	1000	1000	800	0
Duty (%)	99	99	99	70	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	2	2	2	1	0.5
Stand Off (mm)	1.2	1.2	1.2	1.2	1
Focal (mm)	0	0	0	0.3	0.5
Start Speed (%)	50	50	100	100	50
Delay gas (ms)	50	50	50	50	300
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	0	0	0	50	0
Speed Max (mm/min)	3500	3500	3500	3500	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_MS L5 - 2.5 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	1.1
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

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**PI\_MS L5 - 2.5 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	-15
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	Yes

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	2000

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	2000
First lenght (mm)	3
Piercing line to avoid	2
Prehole Radius (mm)	0.1
Prehole Speed (mm/min)	2000
Delay gas (ms)	0
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	1

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**PI\_MS L5 - 3 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	750	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	50	0	0	0	0	0	0	0	0	0
Duty (%)	12	0	0	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	3.3	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

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**PI\_MS L5 - 3 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-2000
Laser Mode	CW	CW	CW	GP	GP	GP
Power (W)	0	0	0	3000	3000	2000
Frequency (Hz)	0	0	0	500	500	50
Duty (%)	0	0	0	80	80	40
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	2	2	0.7
Stand Off (mm)	0	0	0	2	2	4
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	Yes	Yes	No

**DOMINO  
CX3000**

**PI\_MS L5 - 3 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3300	2550	1900	1900	4200
Laser Mode	GP	GP	GP	GP	CW
Power (W)	1600	1700	1200	1200	0
Frequency (Hz)	1000	1000	800	800	0
Duty (%)	99	99	70	70	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	2	2	2	2	2.2
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0	0	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	0	0	0	0	0
Modulation	Yes	Yes	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	100	100	100
Duty reg (%)	20	20	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	3200	2450	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.12	0.12	0.12	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 - 3 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2600	2000	1600	1600	2800
Laser Mode	GP	GP	GP	GP	GP
Power (W)	1500	1200	1200	1200	1600
Frequency (Hz)	1000	1000	1000	800	0
Duty (%)	99	99	99	70	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	1.2	1.2	1.2	1.2	2.2
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0	0	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	400	400	400	400	600
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	100	100
Duty reg (%)	20	20	20	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	3	3	3	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 - 3 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	1.3
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
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**PI\_MS L5 - 3 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	10
Corner distance (mm)	4
Feed reg (%)	0
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	Yes

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	2000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	0.1
Prehole Speed (mm/min)	2000
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

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**PI\_MS L5 - 4 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	1000	1000	0	0	0	0	0	0	0	0
Laser Mode	GP	GP	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	2000	2000	0	0	0	0	0	0	0	0
Frequency (Hz)	50	100	0	0	0	0	0	0	0	0
Duty (%)	15	20	0	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	1	0	0	0	0	0	0	0	0
Stand Off (mm)	4	4	0	0	0	0	0	0	0	0
Focal (mm)	0	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	Yes	No	No	No	No	No	No	No	No

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**PI\_MS L5 - 4 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-3000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	40
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	0.7
Stand Off (mm)	0	0	0	0	0	4
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

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CX3000**

**PI\_MS L5 - 4 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3000	2200	1900	150	3500
Laser Mode	CW	CW	CW	GP	CW
Power (W)	1300	1100	1000	1700	1800
Frequency (Hz)	0	0	0	20	0
Duty (%)	0	0	0	20	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	1.8	1.8	1.8	3	1.8
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0	0.5	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	500	500	500	500	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_MS L5 - 4 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1800	1300	1000	150	3500
Laser Mode	GP	GP	GP	GP	CW
Power (W)	1300	1100	1000	1700	1800
Frequency (Hz)	1000	1000	1000	20	0
Duty (%)	99	99	99	20	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	1.8	1.8	1.8	3	1.8
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0	0.5	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	500	500	500	500	500
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	100	100
Duty reg (%)	20	20	20	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 - 4 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	1.1
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

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**PI\_MS L5 - 4 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	10
Corner distance (mm)	4
Feed reg (%)	0
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	1
Gas Pressure (bar)	2
Delay gas (ms)	100

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

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**PI\_MS L5 - 5 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	1200	1200	0	0	0	0	0	0	0	0
Laser Mode	GP	GP	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	2000	2000	0	0	0	0	0	0	0	0
Frequency (Hz)	50	100	0	0	0	0	0	0	0	0
Duty (%)	15	20	0	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	1	0	0	0	0	0	0	0	0
Stand Off (mm)	4	4	0	0	0	0	0	0	0	0
Focal (mm)	0	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	Yes	No	No	No	No	No	No	No	No

**DOMINO  
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**PI\_MS L5 - 5 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-3000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	40
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	0.7
Stand Off (mm)	0	0	0	0	0	4
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L5 - 5 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2200	2200	1900	150	3100
Laser Mode	CW	CW	GP	GP	CW
Power (W)	1400	1100	1000	1700	1750
Frequency (Hz)	0	0	800	20	0
Duty (%)	0	0	90	20	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	2	1.8	1.8	3	1.8
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0	0.5	0.4
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	500	500	500	500	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 - 5 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1300	1000	800	150	3100
Laser Mode	GP	GP	GP	GP	CW
Power (W)	1400	1100	1000	1700	1750
Frequency (Hz)	1000	1000	800	20	0
Duty (%)	99	99	90	20	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	2	2	2	3	1.8
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0	0.5	0.4
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	500	500	500	500	500
Modulation	Yes	Yes	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	100	100	100
Duty reg (%)	20	20	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	3	3	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_MS L5 - 5 mm  
Tracing**

Parameter	Tracing
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	0.9
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	10
Corner distance (mm)	4
Feed reg (%)	0
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	1
Gas Pressure (bar)	2
Delay gas (ms)	100

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

**DOMINO  
CX3000**

**PI\_MS L5 - 6 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	1000	1000	0	0	0	0	0	0	0	0
Laser Mode	GP	GP	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	3000	0	0	0	0	0	0	0	0
Frequency (Hz)	50	100	0	0	0	0	0	0	0	0
Duty (%)	15	20	0	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	1	0	0	0	0	0	0	0	0
Stand Off (mm)	4	4	0	0	0	0	0	0	0	0
Focal (mm)	0	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	Yes	No	No	No	No	No	No	No	No

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**PI\_MS L5 - 6 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-3000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	40
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	0.7
Stand Off (mm)	0	0	0	0	0	4
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L5 - 6 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1800	1600	1400	120	2700
Laser Mode	CW	CW	GP	GP	CW
Power (W)	1400	1100	1000	1500	1800
Frequency (Hz)	0	0	800	800	0
Duty (%)	0	0	90	90	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	1.3	1	3	1.5	1.5
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0.5	1	1
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	600	600	600	600	600
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_MS L5 - 6 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1000	600	600	120	2700
Laser Mode	GP	GP	GP	GP	CW
Power (W)	1400	1100	1000	1500	1800
Frequency (Hz)	1000	1000	800	800	0
Duty (%)	99	99	90	90	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	1.3	1.3	3	1.5	1.5
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0.5	1	1
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	600	600	600	600	600
Modulation	Yes	Yes	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	100	100	100
Duty reg (%)	20	20	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	2	2	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_MS L5 - 6 mm  
Tracing**

Parameter	Tracing
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	0.8
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	10
Corner distance (mm)	4
Feed reg (%)	0
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	1
Gas Pressure (bar)	2
Delay gas (ms)	100

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

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**PI\_MS L5 3D - 1 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	100	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	2500	0	0	0	0	0	0	0	0	0
Frequency (Hz)	50	0	0	0	0	0	0	0	0	0
Duty (%)	13	0	0	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1.5	0	0	0	0	0	0	0	0	0
Stand Off (mm)	1.2	0	0	0	0	0	0	0	0	0
Focal (mm)	0	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

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**PI\_MS L5 3D - 1 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

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**PI\_MS L5 3D - 1 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	4000	4000	4000	3000	3000
Laser Mode	GP	GP	GP	GP	GP
Power (W)	1200	1200	1200	1200	1200
Frequency (Hz)	1000	1000	1000	1000	1000
Duty (%)	99	99	99	99	99
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	1.5	1.7	1.5	1.2	1.2
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0	0	0
Start Speed (%)	100	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	Yes	Yes	Yes	Yes	Yes
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	2
Duty reg (%)	20	20	20	20	20
Speed Min (mm/min)	50	50	50	0	0
Speed Max (mm/min)	3800	3800	3800	2800	2800
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	5	3	5	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 3D - 1 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	4000	4000	4000	3000	3000
Laser Mode	GP	GP	GP	GP	GP
Power (W)	1200	1200	1200	1200	1200
Frequency (Hz)	1000	1000	1000	1000	1000
Duty (%)	99	99	99	99	99
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	1.5	1.7	1.5	1.2	1.2
Stand Off (mm)	1.2	1.2	1.2	1.2	1.2
Focal (mm)	0	0	0	0	0
Start Speed (%)	100	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	Yes	Yes	Yes	Yes	Yes
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	2
Duty reg (%)	20	20	20	20	20
Speed Min (mm/min)	50	50	50	0	0
Speed Max (mm/min)	3800	3800	3800	2800	2800
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	5	3	5	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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CX3000**

**PI\_MS L5 3D - 1 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	400
Frequency (Hz)	50
Duty (%)	20
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

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**PI\_MS L5 3D - 1 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	3
Gas Pressure (bar)	3
Delay gas (ms)	500

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	0

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**PI\_MS L5 N2 - 1.5 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	1500	0	0	0	0	0	0	0	0	0
Frequency (Hz)	100	0	0	0	0	0	0	0	0	0
Duty (%)	20	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

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**PI\_MS L5 N2 - 1.5 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

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**PI\_MS L5 N2 - 1.5 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	5300	3500	2000	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-2	-2	-2	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 N2 - 1.5 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	5300	3500	2000	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-2	-2	-2	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_MS L5 N2 - 1.5 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

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**PI\_MS L5 N2 - 1.5 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	3
Gas Pressure (bar)	3
Delay gas (ms)	1500

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

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**PI\_MS L5 N2 - 2 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	2000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	200	0	0	0	0	0	0	0	0	0
Duty (%)	80	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

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**PI\_MS L5 N2 - 2 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

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**PI\_MS L5 N2 - 2 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3800	2500	1500	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-2.5	-2.5	-2.5	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 N2 - 2 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3800	2500	1500	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-2.5	-2.5	-2.5	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

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**PI\_MS L5 N2 - 2 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

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**PI\_MS L5 N2 - 2 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	3
Gas Pressure (bar)	3
Delay gas (ms)	1500

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

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**PI\_MS L5 N2 - 3 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	2000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	200	0	0	0	0	0	0	0	0	0
Duty (%)	80	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

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CX3000**

**PI\_MS L5 N2 - 3 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L5 N2 - 3 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2700	2000	1200	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-3.5	-3.5	-3.5	-1	-1
Start Speed (%)	40	40	40	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	4	4	4	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 N2 - 3 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2700	2000	1200	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-3.5	-3.5	-3.5	-1	-1
Start Speed (%)	40	40	40	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	4	4	4	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 N2 - 3 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L5 N2 - 3 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	3
Gas Pressure (bar)	3
Delay gas (ms)	1500

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

**DOMINO  
CX3000**

**PI\_MS L5 N2 - 4 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	2000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	200	0	0	0	0	0	0	0	0	0
Duty (%)	80	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L5 N2 - 4 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L5 N2 - 4 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2300	1700	1000	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	12	12	12	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-4	-4	-4	-1	-1
Start Speed (%)	40	40	40	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	4	4	4	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 N2 - 4 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2300	1700	1000	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	12	12	12	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-4	-4	-4	-1	-1
Start Speed (%)	40	40	40	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	4	4	4	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L5 N2 - 4 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L5 N2 - 4 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	3
Gas Pressure (bar)	3
Delay gas (ms)	1500

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

**DOMINO  
CX3000**

**PI\_MS L75 - 4 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	800	800	0	0	0	0	0	0	0	0
Laser Mode	GP	GP	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	3000	0	0	0	0	0	0	0	0
Frequency (Hz)	50	100	0	0	0	0	0	0	0	0
Duty (%)	15	20	0	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	1	0	0	0	0	0	0	0	0
Stand Off (mm)	3	3	0	0	0	0	0	0	0	0
Focal (mm)	-1	-1	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	Yes	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 - 4 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-2000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	3000	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	45
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0.5	0	0.7
Stand Off (mm)	0	0	0	2	0	3
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	Yes	No	No

**DOMINO  
CX3000**

**PI\_MS L75 - 4 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3500	3000	1900	1500	3000
Laser Mode	GP	GP	GP	GP	CW
Power (W)	3000	3000	1400	1400	3000
Frequency (Hz)	1000	1000	1000	800	0
Duty (%)	99	99	99	70	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.7	0.5	1	1	0.5
Stand Off (mm)	1.2	1	1.2	1.2	1
Focal (mm)	2	0.5	0.3	0.3	0.5
Start Speed (%)	50	50	100	100	50
Delay gas (ms)	50	50	50	50	300
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	50	50	50	50	0
Speed Max (mm/min)	3500	3500	3500	3500	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	5	5	5	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 4 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3500	3000	1900	1500	3000
Laser Mode	GP	GP	GP	GP	CW
Power (W)	3000	3000	1400	1400	3000
Frequency (Hz)	1000	1000	1000	800	0
Duty (%)	99	99	99	70	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.7	0.5	1	1	0.5
Stand Off (mm)	1.2	1	1.2	1.2	1
Focal (mm)	2	0.5	0.3	0.3	0.5
Start Speed (%)	50	50	100	100	50
Delay gas (ms)	50	50	50	50	300
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	50	50	50	50	0
Speed Max (mm/min)	3500	3500	3500	3500	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	5	5	5	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 4 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	1.1
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 4 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	-15
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	8
Z Speed (mm/min)	800
First lenght (mm)	3
Piercing line to avoid	2
Prehole Radius (mm)	0.1
Prehole Speed (mm/min)	1200
Delay gas (ms)	0
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	1

**DOMINO  
CX3000**

**PI\_MS L75 - 5 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	800	1000	0	0	0	0	0	0	0	0
Laser Mode	GP	GP	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	3000	0	0	0	0	0	0	0	0
Frequency (Hz)	50	100	0	0	0	0	0	0	0	0
Duty (%)	15	20	0	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	1	0	0	0	0	0	0	0	0
Stand Off (mm)	3	3	0	0	0	0	0	0	0	0
Focal (mm)	-1	-1	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	Yes	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 - 5 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-3000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	3000	3000	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	45
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0.5	0	0.7
Stand Off (mm)	0	0	0	2	0	3
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 5 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3000	3000	1200	2000	2700
Laser Mode	GP	GP	GP	GP	CW
Power (W)	3000	3000	2000	1500	3000
Frequency (Hz)	1000	1000	1000	800	0
Duty (%)	99	99	99	90	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.5	0.5	0.5	0.9	0.5
Stand Off (mm)	1	1	1	1.2	1
Focal (mm)	1	1	-1	0.4	0.4
Start Speed (%)	60	100	50	100	100
Delay gas (ms)	50	50	50	50	500
Modulation	Yes	Yes	Yes	Yes	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	50	50	50	50	0
Speed Max (mm/min)	2900	2900	1100	3000	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	5	5	5	5	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 5 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3000	3000	1200	2000	2700
Laser Mode	GP	GP	GP	GP	CW
Power (W)	3000	3000	2000	1500	3000
Frequency (Hz)	1000	1000	1000	800	0
Duty (%)	99	99	99	90	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.5	0.5	0.5	0.9	0.5
Stand Off (mm)	1	1	1	1.2	1
Focal (mm)	1	1	-1	0.4	0.4
Start Speed (%)	60	100	50	100	100
Delay gas (ms)	50	50	50	50	500
Modulation	Yes	Yes	Yes	Yes	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	50	50	50	50	0
Speed Max (mm/min)	2900	2900	1100	3000	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	5	5	5	5	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 5 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	0.9
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 5 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	-15
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	

<b>Piercing Devices</b>	
LPM Enable	Yes
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	8
Z Speed (mm/min)	800
First lenght (mm)	3
Piercing line to avoid	2
Prehole Radius (mm)	0.1
Prehole Speed (mm/min)	2000
Delay gas (ms)	0
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	1

**DOMINO  
CX3000**

**PI\_MS L75 - 6 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	1000	2500	0	0	0	0	0	0	0	0
Laser Mode	GP	GP	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	3000	0	0	0	0	0	0	0	0
Frequency (Hz)	50	100	0	0	0	0	0	0	0	0
Duty (%)	10	13	0	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	0.7	0.7	0	0	0	0	0	0	0	0
Stand Off (mm)	4	3	0	0	0	0	0	0	0	0
Focal (mm)	-1	-1	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	Yes	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 - 6 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-15000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	3000	3000	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	45
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0.8	0.8	0.7
Stand Off (mm)	0	0	0	2	2	3
Focal (mm)	0	0	0	1	1	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 6 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2300	1950	1650	200	2400
Laser Mode	GP	GP	GP	GP	CW
Power (W)	3000	2500	2000	2800	3000
Frequency (Hz)	1000	1000	1000	20	0
Duty (%)	99	99	99	20	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.5	0.5	0.5	1.7	0.4
Stand Off (mm)	1.2	1.2	1.2	1.2	1
Focal (mm)	1	1	1	1	0.5
Start Speed (%)	70	70	100	100	70
Delay gas (ms)	50	50	50	50	400
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	50	50	50	50	0
Speed Max (mm/min)	2500	1800	1500	2700	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	2	2	2	100	100
Kerf (mm)	0.25	0.15	0.15	0.15	0.15
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 6 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2300	1950	1650	200	2400
Laser Mode	GP	GP	GP	GP	CW
Power (W)	3000	2500	2000	2800	3000
Frequency (Hz)	1000	1000	1000	20	0
Duty (%)	99	99	99	20	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.5	0.5	0.5	1.7	0.4
Stand Off (mm)	1.2	1.2	1.2	1.2	1
Focal (mm)	1	1	1	1	0.5
Start Speed (%)	70	70	100	100	70
Delay gas (ms)	50	50	50	50	400
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	50	50	50	50	0
Speed Max (mm/min)	2500	1800	1500	2700	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	2	2	2	100	100
Kerf (mm)	0.25	0.15	0.15	0.15	0.15
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 6 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	500
Duty (%)	55
Gas Type	Air
Pressure (bar)	1.1
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 6 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	-15
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	

<b>Piercing Devices</b>	
LPM Enable	Yes
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	8
Z Speed (mm/min)	800
First lenght (mm)	3
Piercing line to avoid	2
Prehole Radius (mm)	0.1
Prehole Speed (mm/min)	2000
Delay gas (ms)	0
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	1

**DOMINO  
CX3000**

**PI\_MS L75 - 8 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	1000	1000	1000	0	0	0	0	0	0	0
Laser Mode	GP	GP	GP	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	0	0	0	0	0	0	0
Frequency (Hz)	50	100	100	0	0	0	0	0	0	0
Duty (%)	12	15	18	0	0	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	1	1	0	0	0	0	0	0	0
Stand Off (mm)	3	3	3	0	0	0	0	0	0	0
Focal (mm)	-1	-1	-1	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	Yes	Yes	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 - 8 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	250	-6000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	3000	3000	3000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	50
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	2	2	0.7
Stand Off (mm)	0	0	0	2	3	3
Focal (mm)	0	0	0	0	1	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 8 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1800	1600	1400	1100	1400
Laser Mode	GP	GP	GP	GP	GP
Power (W)	3000	2500	2000	1400	2000
Frequency (Hz)	1000	1000	1000	800	1000
Duty (%)	99	99	99	80	99
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.6	0.6	0.6	0.6	0.6
Stand Off (mm)	1.5	1.5	1.5	1.2	1.5
Focal (mm)	1.5	1.5	1.5	0	1.5
Start Speed (%)	70	70	70	100	70
Delay gas (ms)	50	50	50	50	50
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	5	5	5	50	0
Speed Max (mm/min)	1700	1500	1300	2000	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	5	5	5	100	100
Kerf (mm)	0.15	0.15	0.15	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 8 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1800	1600	1400	1100	1400
Laser Mode	GP	GP	GP	GP	GP
Power (W)	3000	2500	2000	1400	2000
Frequency (Hz)	1000	1000	1000	800	1000
Duty (%)	99	99	99	80	99
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.6	0.6	0.6	0.6	0.6
Stand Off (mm)	1.5	1.5	1.5	1.2	1.5
Focal (mm)	1.5	1.5	1.5	0	1.5
Start Speed (%)	70	70	70	100	70
Delay gas (ms)	50	50	50	50	50
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	5	5	5	50	0
Speed Max (mm/min)	1700	1500	1300	2000	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	5	5	5	100	100
Kerf (mm)	0.15	0.15	0.15	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 8 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	72
Gas Type	Air
Pressure (bar)	0.7
Stand Off (mm)	2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 8 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	15
Corner distance (mm)	4
Feed reg (%)	-15
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	DT 1.5

<b>Piercing Devices</b>	
LPM Enable	Yes
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	15
Z Speed (mm/min)	600
First lenght (mm)	3
Piercing line to avoid	3
Prehole Radius (mm)	1
Prehole Speed (mm/min)	2000
Delay gas (ms)	0
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	1

**DOMINO  
CX3000**

**PI\_MS L75 - 10 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	1800	1800	1800	1800	2400	0	0	0	0	0
Laser Mode	GP	GP	GP	GP	GP	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000	0	0	0	0	0
Frequency (Hz)	50	100	110	120	130	0	0	0	0	0
Duty (%)	12	15	18	21	24	0	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	1	1	1	1	0	0	0	0	0
Stand Off (mm)	3	3	3	3	3	0	0	0	0	0
Focal (mm)	-1	-1	-1	-1	-1	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	Yes	Yes	Yes	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 - 10 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	200	300	-15000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	3000	3000	3000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	50
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	1.2	1.2	0.5
Stand Off (mm)	0	0	0	2	2	3
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	500	0
Line enable	No	No	No	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 10 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1500	1400	1200	100	10000
Laser Mode	GP	GP	GP	GP	CW
Power (W)	3000	3000	2700	3000	0
Frequency (Hz)	1000	1000	1000	20	0
Duty (%)	99	99	99	20	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.5	0.6	0.6	1.8	0.6
Stand Off (mm)	1.2	1.2	1.2	2	1.2
Focal (mm)	1	1	1	1.5	0
Start Speed (%)	90	90	100	100	90
Delay gas (ms)	100	100	100	100	500
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	50	50	50	0	0
Speed Max (mm/min)	1400	1300	1100	1500	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.25	0.2	0.2	0.2	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 10 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1500	1400	1200	100	10000
Laser Mode	GP	GP	GP	GP	CW
Power (W)	3000	3000	2700	3000	0
Frequency (Hz)	1000	1000	1000	20	0
Duty (%)	99	99	99	20	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.5	0.6	0.6	1.8	0.6
Stand Off (mm)	1.2	1.2	1.2	2	1.2
Focal (mm)	1	1	1	1.5	0
Start Speed (%)	90	90	100	100	90
Delay gas (ms)	100	100	100	100	500
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	50	50	50	0	0
Speed Max (mm/min)	1400	1300	1100	1500	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.25	0.2	0.2	0.2	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 10 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	72
Gas Type	Air
Pressure (bar)	0.6
Stand Off (mm)	2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 10 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	15
Corner distance (mm)	4
Feed reg (%)	-15
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	DT 1.5

<b>Piercing Devices</b>	
LPM Enable	Yes
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	30
Z Speed (mm/min)	2000
First lenght (mm)	10
Piercing line to avoid	3
Prehole Radius (mm)	1
Prehole Speed (mm/min)	1000
Delay gas (ms)	0
Quick with LPM	Yes

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	2

**DOMINO  
CX3000**

**PI\_MS L75 - 12 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	500	600	1200	1200	1200	3500	0	0	0	0
Laser Mode	GP	GP	GP	GP	GP	GP	CW	CW	CW	CW
Power (W)	50	3000	3000	3000	3000	3000	0	0	0	0
Frequency (Hz)	50	100	100	100	100	100	0	0	0	0
Duty (%)	28	32	16	19	22	25	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1	1	1	1	1	1	0	0	0	0
Stand Off (mm)	3	3	3	3	3	3	0	0	0	0
Focal (mm)	-1	-1	-1	-1	-1	-1	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

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**PI\_MS L75 - 12 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	500	0	-15000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	3000	3000	3000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	50
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	1	1	0.5
Stand Off (mm)	0	0	0	2	2	3
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	1000	0
Line enable	No	No	No	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 12 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1300	1000	950	700	5000
Laser Mode	CW	GP	GP	GP	CW
Power (W)	2800	3000	3000	3000	0
Frequency (Hz)	1000	800	800	500	0
Duty (%)	99	80	80	75	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.5	0.5	0.4	0.5	0.5
Stand Off (mm)	1.2	1.2	1.2	2	1.2
Focal (mm)	1.5	1.5	1.5	2.8	0
Start Speed (%)	90	90	100	100	90
Delay gas (ms)	100	100	100	100	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	50	50	50	50	0
Speed Max (mm/min)	1500	1500	1500	1500	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 12 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1300	1000	950	700	5000
Laser Mode	CW	GP	GP	GP	CW
Power (W)	2800	3000	3000	3000	0
Frequency (Hz)	1000	800	800	500	0
Duty (%)	99	80	80	75	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.5	0.5	0.4	0.5	0.5
Stand Off (mm)	1.2	1.2	1.2	2	1.2
Focal (mm)	1.5	1.5	1.5	2.8	0
Start Speed (%)	90	90	100	100	90
Delay gas (ms)	100	100	100	100	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	50	50	50	50	0
Speed Max (mm/min)	1500	1500	1500	1500	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 12 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	72
Gas Type	Air
Pressure (bar)	0.5
Stand Off (mm)	2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 12 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	15
Corner distance (mm)	4
Feed reg (%)	-15
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	

<b>Piercing Devices</b>	
LPM Enable	Yes
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	30
Z Speed (mm/min)	2000
First lenght (mm)	15
Piercing line to avoid	3
Prehole Radius (mm)	1.5
Prehole Speed (mm/min)	1000
Delay gas (ms)	0
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	2

**DOMINO  
CX3000**

**PI\_MS L75 - 15 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	2000	2000	2000	4000	1500	1500	0	0	0	0
Laser Mode	GP	GP	GP	GP	GP	GP	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000	3000	0	0	0	0
Frequency (Hz)	50	100	110	120	100	100	0	0	0	0
Duty (%)	25	28	32	35	24	24	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1.2	1.2	1.2	1.2	1	1	0	0	0	0
Stand Off (mm)	3	3	3	3	3	3	0	0	0	0
Focal (mm)	-1	-1	-1	-1	-1	-1	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	Yes	Yes	Yes	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 - 15 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	300	500	-14000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	3000	3000	3000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	60
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	2	2	0.5
Stand Off (mm)	0	0	0	3	3	3
Focal (mm)	0	0	0	1	1	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	500	0
Line enable	No	No	No	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 15 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	900	1000	900	750	1150
Laser Mode	CW	CW	CW	GP	CW
Power (W)	3000	3000	3000	2300	0
Frequency (Hz)	1000	1000	1000	800	0
Duty (%)	99	99	99	80	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.55	0.55	0.55	0.55	0.4
Stand Off (mm)	1.2	1.2	1.2	2	1.2
Focal (mm)	1.6	1.6	1.6	1.6	0
Start Speed (%)	95	95	95	95	95
Delay gas (ms)	100	100	100	100	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	50	50	50	50	0
Speed Max (mm/min)	1000	1000	1000	1000	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 15 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	900	1000	900	750	1150
Laser Mode	CW	CW	CW	GP	CW
Power (W)	3000	3000	3000	2300	0
Frequency (Hz)	1000	1000	1000	800	0
Duty (%)	99	99	99	80	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.55	0.55	0.55	0.55	0.4
Stand Off (mm)	1.2	1.2	1.2	2	1.2
Focal (mm)	1.6	1.6	1.6	1.6	0
Start Speed (%)	95	95	95	95	95
Delay gas (ms)	100	100	100	100	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	50	50	50	50	0
Speed Max (mm/min)	1000	1000	1000	1000	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 15 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	72
Gas Type	Air
Pressure (bar)	0.4
Stand Off (mm)	2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 15 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	10
Corner distance (mm)	4
Feed reg (%)	-10
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	DT 2.5

<b>Piercing Devices</b>	
LPM Enable	Yes
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	30
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	3
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	600
Delay gas (ms)	0
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	2

**DOMINO  
CX3000**

**PI\_MS L75 - 20 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	2400	2400	2400	2400	2400	3500	0	0	0	0
Laser Mode	GP	GP	GP	GP	GP	GP	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000	3000	0	0	0	0
Frequency (Hz)	50	100	110	120	130	100	0	0	0	0
Duty (%)	25	28	31	34	37	30	0	0	0	0
Gas Type	O2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1.5	1.5	1.5	1.5	1.5	1	0	0	0	0
Stand Off (mm)	3	3	3	3	3	3	0	0	0	0
Focal (mm)	-1	-1	-1	-1	-1	-1	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	Yes	Yes	Yes	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_MS L75 - 20 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	300	500	-15000
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	3000	3000	3000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	60
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	2	2	0.5
Stand Off (mm)	0	0	0	3	3	3
Focal (mm)	0	0	0	1	1	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	1500	0
Line enable	No	No	No	Yes	Yes	No

**DOMINO  
CX3000**

**PI\_MS L75 - 20 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	800	700	700	600	2000
Laser Mode	GP	GP	GP	CW	CW
Power (W)	3000	3000	3000	2800	0
Frequency (Hz)	1000	1000	1000	1000	0
Duty (%)	99	99	99	99	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.62	0.42	0.42	0.4	0.5
Stand Off (mm)	1.2	1.2	1.2	2	1.2
Focal (mm)	1.5	2.5	2.5	2.5	1.8
Start Speed (%)	80	80	80	80	80
Delay gas (ms)	250	250	250	250	250
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	50	50	50	50	0
Speed Max (mm/min)	800	800	800	800	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.2	0.2	0.2	0.2	0.2
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 20 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	800	700	700	600	2000
Laser Mode	GP	GP	GP	CW	CW
Power (W)	3000	3000	3000	2800	0
Frequency (Hz)	1000	1000	1000	1000	0
Duty (%)	99	99	99	99	0
Gas Type	O2	O2	O2	O2	O2
Pressure (bar)	0.62	0.42	0.42	0.4	0.5
Stand Off (mm)	1.2	1.2	1.2	2	1.2
Focal (mm)	1.5	2.5	2.5	2.5	1.8
Start Speed (%)	80	80	80	80	80
Delay gas (ms)	250	250	250	250	250
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	2	2	2	2	100
Duty reg (%)	20	20	20	20	100
Speed Min (mm/min)	50	50	50	50	0
Speed Max (mm/min)	800	800	800	800	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.2	0.2	0.2	0.2	0.2
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_MS L75 - 20 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	72
Gas Type	Air
Pressure (bar)	0.4
Stand Off (mm)	2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	No
Backtrace lenght (mm)	10
Corner distance (mm)	4
Feed reg (%)	-10
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	DT 2.5

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Standard

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	30
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	3
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	600
Delay gas (ms)	0
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	2

**DOMINO  
CX3000**

**PI\_SS - 1 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	1500	0	0	0	0	0	0	0	0	0
Frequency (Hz)	100	0	0	0	0	0	0	0	0	0
Duty (%)	20	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 1 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 1 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	7500	5000	2500	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-0.5	-0.5	-0.5	-0.5	-0.5
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 1 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	5300	3000	2000	2000	0
Laser Mode	GP	GP	CW	CW	CW
Power (W)	3000	3000	2000	2000	0
Frequency (Hz)	1000	1000	0	0	0
Duty (%)	99	80	0	0	0
Gas Type	N2	O2	O2	O2	O2
Pressure (bar)	9	9	6	6	1
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-1.2	-1.2	-1.2	-1.5	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	0	0	0	0	0
Modulation	Yes	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	50	50	100	100	100
Speed Min (mm/min)	4000	1500	0	0	0
Speed Max (mm/min)	6700	2800	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 1 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_SS - 1 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	3000

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	1

**DOMINO  
CX3000**

**PI\_SS - 1.5 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	1500	0	0	0	0	0	0	0	0	0
Frequency (Hz)	100	0	0	0	0	0	0	0	0	0
Duty (%)	20	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 1.5 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 1.5 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	5300	3500	2000	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-2	-2	-2	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 1.5 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	5300	3500	2000	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-2	-2	-2	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 1.5 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_SS - 1.5 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	3000

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	1

**DOMINO  
CX3000**

**PI\_SS - 2 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	100	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	1500	0	0	0	0	0	0	0	0	0
Frequency (Hz)	100	0	0	0	0	0	0	0	0	0
Duty (%)	20	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 2 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-400
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	4
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 2 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	5300	3800	1900	1700	7500
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	2800	1700	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	8	10	10	3
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-0.7	-0.7	-0.7	-1	-1
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	400	400	400	400	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 2 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	5300	3800	1900	1700	7500
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	2800	1700	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	8	10	10	3
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-0.7	-0.7	-0.7	-1	-1
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	400	400	400	400	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 2 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_SS - 2 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	3000

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	1

**DOMINO  
CX3000**

**PI\_SS - 3 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	300	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	190	0	0	0	0	0	0	0	0	0
Duty (%)	85	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 3 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-400
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2500
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 3 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3200	2800	3000	2200	3900
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	10	10	10	10
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-1.5	-1.5	-1.5	-1.5	-1.5
Start Speed (%)	40	40	40	40	40
Delay gas (ms)	400	400	400	400	400
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 3 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3200	2800	3000	2200	3900
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	10	10	10	10
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-1.5	-1.5	-1.5	-1.5	-1.5
Start Speed (%)	40	40	40	40	40
Delay gas (ms)	400	400	400	400	400
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 3 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_SS - 3 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	2000

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	2

**DOMINO  
CX3000**

**PI\_SS - 4 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	400	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	190	0	0	0	0	0	0	0	0	0
Duty (%)	85	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 4 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-400
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2500
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 4 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2300	2000	1800	1800	2600
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	14	14	14	14	14
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-2	-2	-2	-2	-2
Start Speed (%)	40	40	40	40	40
Delay gas (ms)	500	500	500	500	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 4 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2300	2000	1800	1800	2600
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	14	14	14	14	14
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-2	-2	-2	-2	-2
Start Speed (%)	40	40	40	40	40
Delay gas (ms)	500	500	500	500	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 4 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_SS - 4 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	1500

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	2

**DOMINO  
CX3000**

**PI\_SS - 5 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	500	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	190	0	0	0	0	0	0	0	0	0
Duty (%)	85	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	3	0	0	0	0	0	0	0	0	0
Focal (mm)	-2	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 5 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-500
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	3000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 5 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1800	1700	1800	1700	2300
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	14	12	12	12	12
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-6.5	-6.5	-6.5	-3	-2.8
Start Speed (%)	40	40	40	50	40
Delay gas (ms)	500	500	500	500	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 5 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1800	1700	1800	1700	2300
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	14	12	12	12	12
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-6.5	-6.5	-6.5	-3	-2.8
Start Speed (%)	40	40	40	50	40
Delay gas (ms)	500	500	500	500	500
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 5 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_SS - 5 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	10
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	1000

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	2

**DOMINO  
CX3000**

**PI\_SS - 6 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	500	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	190	0	0	0	0	0	0	0	0	0
Duty (%)	85	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	3	0	0	0	0	0	0	0	0	0
Focal (mm)	-3	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 6 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-500
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	3000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 6 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1300	1400	1500	1500	1700
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	13	13	13	13	12
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-8	-8	-8	-8	-4
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	600	600	600	600	600
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 6 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1300	1400	1500	1500	1700
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	13	13	13	13	12
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-8	-8	-8	-8	-4
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	600	600	600	600	600
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 6 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_SS - 6 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	30
Corner distance (mm)	4
Feed reg (%)	-10
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	1000

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	2

**DOMINO  
CX3000**

**PI\_SS - 8 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	800	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	190	0	0	0	0	0	0	0	0	0
Duty (%)	85	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-4	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 8 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-800
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	3000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 8 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	800	600	600	500	900
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	16	15	15	15	15
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-9	-9	-9	-9	-6
Start Speed (%)	40	40	40	40	40
Delay gas (ms)	800	800	800	800	800
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 8 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	800	600	600	500	900
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	16	15	15	15	15
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-9	-9	-9	-9	-6
Start Speed (%)	40	40	40	40	40
Delay gas (ms)	800	800	800	800	800
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 8 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_SS - 8 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	-1

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	30
Corner distance (mm)	4
Feed reg (%)	-20
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.5

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	600

<b>Quick Piercing Settings</b>	
Plate distance (mm)	13
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	4

**DOMINO  
CX3000**

**PI\_SS - 10 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	2000	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	190	0	0	0	0	0	0	0	0	0
Duty (%)	95	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	5	0	0	0	0	0	0	0	0	0
Focal (mm)	-7	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	1	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 10 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-1500
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	3000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	O2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 10 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	600	500	500	500	600
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	16	16	16	16	16
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-8.7	-8.7	-8.7	-8.7	-8.7
Start Speed (%)	45	40	40	40	40
Delay gas (ms)	800	800	800	800	800
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 10 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	600	500	500	500	600
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	16	16	16	16	16
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-8.7	-8.7	-8.7	-8.7	-8.7
Start Speed (%)	45	40	40	40	40
Delay gas (ms)	800	800	800	800	800
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 10 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_SS - 10 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	-1.5

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	-10
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.5

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	500

<b>Quick Piercing Settings</b>	
Plate distance (mm)	15
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	4

**DOMINO  
CX3000**

**PI\_SS - 12 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	2000	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	190	0	0	0	0	0	0	0	0	0
Duty (%)	95	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	1.5	0	0	0	0	0	0	0	0	0
Stand Off (mm)	5	0	0	0	0	0	0	0	0	0
Focal (mm)	-9	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 12 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-1500
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	3000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	1.5
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_SS - 12 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	400	300	300	300	500
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	16	16	16	16	16
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-10	-10.5	-10.5	-10.5	-8
Start Speed (%)	40	40	40	40	40
Delay gas (ms)	300	300	300	300	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 12 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	400	300	300	300	500
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	16	16	16	16	16
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-10	-10.5	-10.5	-10.5	-8
Start Speed (%)	40	40	40	40	40
Delay gas (ms)	300	300	300	300	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_SS - 12 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_SS - 12 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	-2

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	10
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 3.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.5
Prehole Speed (mm/min)	300

<b>Quick Piercing Settings</b>	
Plate distance (mm)	15
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	4

**DOMINO  
CX3000**

**PI\_TITANIUM - 1 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	1500	0	0	0	0	0	0	0	0	0
Frequency (Hz)	100	0	0	0	0	0	0	0	0	0
Duty (%)	20	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_TITANIUM - 1 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_TITANIUM - 1 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	7500	5000	2500	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-1	-1	-1	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_TITANIUM - 1 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	5300	3000	2000	2000	0
Laser Mode	GP	GP	CW	CW	CW
Power (W)	3000	3000	2000	2000	0
Frequency (Hz)	1000	1000	0	0	0
Duty (%)	99	80	0	0	0
Gas Type	N2	O2	O2	O2	O2
Pressure (bar)	9	9	6	6	1
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-1.2	-1.2	-1.2	-1.5	0
Start Speed (%)	100	100	100	100	100
Delay gas (ms)	0	0	0	0	0
Modulation	Yes	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	50	50	100	100	100
Speed Min (mm/min)	4000	1500	0	0	0
Speed Max (mm/min)	6700	2800	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_TITANIUM - 1 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**
**PI\_TITANIUM - 1 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	3000

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	1

**DOMINO  
CX3000**

**PI\_TITANIUM - 1.5 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	1500	0	0	0	0	0	0	0	0	0
Frequency (Hz)	100	0	0	0	0	0	0	0	0	0
Duty (%)	20	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_TITANIUM - 1.5 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**
**PI\_TITANIUM - 1.5 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	5300	3500	2000	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-2	-2	-2	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_TITANIUM - 1.5 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	5300	3500	2000	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-2	-2	-2	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_TITANIUM - 1.5 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_TITANIUM - 1.5 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	3000

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	1

**DOMINO  
CX3000**

**PI\_TITANIUM - 2 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	100	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	200	0	0	0	0	0	0	0	0	0
Duty (%)	90	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_TITANIUM - 2 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-400
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	4
Focal (mm)	0	0	0	0	0	1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_TITANIUM - 2 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3000	1900	1500	1700	10000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	1700	0
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	16	16	16	10	3
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-5	-5	-5	-1	-1
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	100	100	100	100	0
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_TITANIUM - 2 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3000	1900	1500	1700	10000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	1700	0
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	16	16	16	10	3
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-5	-5	-5	-1	-1
Start Speed (%)	50	50	50	50	50
Delay gas (ms)	100	100	100	100	0
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_TITANIUM - 2 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_TITANIUM - 2 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	1.2
Delay gas start (ms)	3000
Gas press end (bar)	5
Delay gas end (ms)	5000

<b>Head Settings</b>	
Lens Type (inch)	5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	3000

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	1

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	100	0	0	0	0	0	0	0	0	0
Duty (%)	90	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3800	3500	2000	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-3	-3	-3	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3800	3500	2000	2000	15000
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	2000	2000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-3	-3	-3	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1 mm  
Tracing**

Parameter	Tracing
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	Yes

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	3
Gas Pressure (bar)	3
Delay gas (ms)	1500

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.2 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	100	0	0	0	0	0	0	0	0	0
Duty (%)	90	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-0.8	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.2 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.2 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2300	3000	1000	2000	15000
Laser Mode	GP	GP	GP	CW	CW
Power (W)	3000	3000	2000	2000	3000
Frequency (Hz)	1000	1000	1000	0	0
Duty (%)	99	99	99	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	6	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-4	-4	-4	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	80	80	80	100	100
Duty reg (%)	45	45	45	100	100
Speed Min (mm/min)	50	50	50	0	0
Speed Max (mm/min)	2950	2950	950	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.2 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2300	3000	1000	2000	15000
Laser Mode	GP	GP	GP	CW	CW
Power (W)	3000	3000	2000	2000	3000
Frequency (Hz)	1000	1000	1000	0	0
Duty (%)	99	99	99	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	6	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-4	-4	-4	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	80	80	80	100	100
Duty reg (%)	45	45	45	100	100
Speed Min (mm/min)	50	50	50	0	0
Speed Max (mm/min)	2950	2950	950	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.2 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.2 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	Yes

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	3
Gas Pressure (bar)	3
Delay gas (ms)	1500

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.5 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	100	0	0	0	0	0	0	0	0	0
Duty (%)	90	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-0.8	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.5 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.5 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3000	3000	1500	2000	15000
Laser Mode	GP	CW	CW	CW	CW
Power (W)	3000	3000	2000	2000	3000
Frequency (Hz)	1000	0	0	0	0
Duty (%)	99	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	6	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-4	-4	-4	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	Yes	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	80	100	100	100	100
Duty reg (%)	45	100	100	100	100
Speed Min (mm/min)	50	0	0	0	0
Speed Max (mm/min)	3950	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.5 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	3000	3000	1500	2000	15000
Laser Mode	GP	CW	CW	CW	CW
Power (W)	3000	3000	2000	2000	3000
Frequency (Hz)	1000	0	0	0	0
Duty (%)	99	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	6	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-4	-4	-4	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	Yes	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	80	100	100	100	100
Duty reg (%)	45	100	100	100	100
Speed Min (mm/min)	50	0	0	0	0
Speed Max (mm/min)	3950	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.5 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.5 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	Yes

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	3
Gas Pressure (bar)	3
Delay gas (ms)	1500

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.8 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	100	0	0	0	0	0	0	0	0	0
Duty (%)	80	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-0.8	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.8 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.8 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2300	2000	1500	2000	15000
Laser Mode	GP	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	1000	0	0	0	0
Duty (%)	99	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-4	-4	-4	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	50	50	100	100
Freq. reg (%)	80	100	100	100	100
Duty reg (%)	45	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	2950	1800	1300	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.8 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2300	2000	1500	2000	15000
Laser Mode	GP	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	1000	0	0	0	0
Duty (%)	99	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-4	-4	-4	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	50	50	100	100
Freq. reg (%)	80	100	100	100	100
Duty reg (%)	45	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	2950	1800	1300	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 1.8 mm  
Tracing**

<b>Parameter</b>	<b>Tracing</b>
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**
**PI\_ZINC-PLATED - 1.8 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	Yes

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 2 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	20	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	100	0	0	0	0	0	0	0	0	0
Duty (%)	80	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-0.8	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 2 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-200
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2000
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 2 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2300	2000	1500	2000	15000
Laser Mode	GP	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	1000	0	0	0	0
Duty (%)	99	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-4	-4	-4	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	50	50	100	100
Freq. reg (%)	80	100	100	100	100
Duty reg (%)	45	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	2950	1800	1300	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 2 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	2300	2000	1500	2000	15000
Laser Mode	GP	CW	CW	CW	CW
Power (W)	3000	2500	2000	2000	3000
Frequency (Hz)	1000	0	0	0	0
Duty (%)	99	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	6	6	6	3.5
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-4	-4	-4	-1	-1
Start Speed (%)	50	100	100	100	50
Delay gas (ms)	0	0	0	0	300
Modulation	Yes	Yes	Yes	No	No
Power reg (%)	100	50	50	100	100
Freq. reg (%)	80	100	100	100	100
Duty reg (%)	45	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	2950	1800	1300	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 2 mm  
Tracing**

Parameter	Tracing
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**
**PI\_ZINC-PLATED - 2 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	Yes
Look Ahead Level	
Smart Fly Enable	Yes

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	5
Gas Pressure (bar)	5
Delay gas (ms)	5000

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 3 mm  
Piercing**

Parameter	Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7	Line 8	Line 9	Line 10
Delay (ms)	300	0	0	0	0	0	0	0	0	0
Laser Mode	GP	CW	CW	CW	CW	CW	CW	CW	CW	CW
Power (W)	3000	0	0	0	0	0	0	0	0	0
Frequency (Hz)	190	0	0	0	0	0	0	0	0	0
Duty (%)	85	0	0	0	0	0	0	0	0	0
Gas Type	N2	O2	O2	O2	O2	O2	O2	O2	O2	O2
Pressure (bar)	2	0	0	0	0	0	0	0	0	0
Stand Off (mm)	4	0	0	0	0	0	0	0	0	0
Focal (mm)	-1	0	0	0	0	0	0	0	0	0
Ramp Type	No	No	No	No	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0	0	0	0	0
Line enable	Yes	No	No	No	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 3 mm  
Advanced Piercing**

Parameter	Adv. Line 1	Adv. Line 2	Adv. Line 3	Quick 1	Quick 2	LPM
Delay (ms)	0	0	0	0	0	-400
Laser Mode	CW	CW	CW	CW	CW	GP
Power (W)	0	0	0	0	0	2500
Frequency (Hz)	0	0	0	0	0	50
Duty (%)	0	0	0	0	0	80
Gas Type	O2	O2	O2	O2	O2	N2
Pressure (bar)	0	0	0	0	0	2
Stand Off (mm)	0	0	0	0	0	3
Focal (mm)	0	0	0	0	0	-1
Ramp Type	No	No	No	No	No	No
Duration (s)	0	0	0	0	0	0
Start Power (W)	0	0	0	0	0	0
Delay gas (ms)	0	0	0	0	0	0
Line enable	No	No	No	No	No	No

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 3 mm  
Cutting 2D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1900	1800	1700	2200	3900
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	10	10	10	10
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-3	-3	-3	-1.5	-1.5
Start Speed (%)	40	40	40	40	40
Delay gas (ms)	400	400	400	400	400
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 3 mm  
Cutting 3D**

Parameter	Normal	Medium	Small	Special	Fast
Speed (mm/min)	1900	1800	1700	2200	3900
Laser Mode	CW	CW	CW	CW	CW
Power (W)	3000	3000	3000	3000	3000
Frequency (Hz)	0	0	0	0	0
Duty (%)	0	0	0	0	0
Gas Type	N2	N2	N2	N2	N2
Pressure (bar)	10	10	10	10	10
Stand Off (mm)	0.8	0.8	0.8	0.8	0.8
Focal (mm)	-3	-3	-3	-1.5	-1.5
Start Speed (%)	40	40	40	40	40
Delay gas (ms)	400	400	400	400	400
Modulation	No	No	No	No	No
Power reg (%)	100	100	100	100	100
Freq. reg (%)	100	100	100	100	100
Duty reg (%)	100	100	100	100	100
Speed Min (mm/min)	0	0	0	0	0
Speed Max (mm/min)	0	0	0	0	0
Ramp Type	No	No	No	No	No
Ramp Up	0	0	0	0	0
Ramp Down	0	0	0	0	0
Start Power (W)	0	0	0	0	0
Acc/Dec (%)	100	100	100	100	100
Kerf (mm)	0.1	0.1	0.1	0.1	0.1
Line Enable	Yes	Yes	Yes	Yes	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 3 mm  
Tracing**

Parameter	Tracing
Speed (mm/min)	2000
Laser Mode	GP
Power (W)	100
Frequency (Hz)	1000
Duty (%)	55
Gas Type	Air
Pressure (bar)	2
Stand Off (mm)	1.2
Focal (mm)	0
Delay gas (ms)	150
Line Enable	Yes

**DOMINO  
CX3000**

**PI\_ZINC-PLATED - 3 mm  
General**

<b>Auto Focal Compensation</b>	
Auto Focal Compensation (mm)	0

<b>Auto Restart Settings</b>	
Automatic Restart Type	
Backtrace lenght (mm)	20
Corner distance (mm)	4
Feed reg (%)	5
Power reg (%)	0
Duty reg (%)	0
Frequency reg (%)	0
Pressure reg (%)	0
Focal reg (mm)	0

<b>Dynamic Control Settings</b>	
Look Ahead Enable	No
Look Ahead Level	
Smart Fly Enable	No

<b>Gas Params On PP Start</b>	
Min Pressure (bar)	3
Gas Pressure (bar)	3
Delay gas (ms)	500

<b>Gas Purge For Tracing</b>	
Gas press start (bar)	2
Delay gas start (ms)	3000
Gas press end (bar)	2
Delay gas end (ms)	3000

<b>Head Settings</b>	
Lens Type (inch)	7.5
Nozzle Type	ST 2.0

<b>Piercing Devices</b>	
LPM Enable	No
Piercing Mode	Normal

<b>Plate Measure Type</b>	
3 Point Measure	Fast

<b>Prehole Piercing Settings</b>	
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	200

<b>Quick Piercing Settings</b>	
Plate distance (mm)	10
Z Speed (mm/min)	5000
First lenght (mm)	5
Piercing line to avoid	-1
Prehole Radius (mm)	1.25
Prehole Speed (mm/min)	100
Delay gas (ms)	500
Quick with LPM	No

<b>Sensor Shadow Zone</b>	
ZOS radius (mm)	10