

(EU) No 167/2013

COMPLETE VEHICLE

EU CERTIFICATE OF CONFORMITY**The undersigned: Jari Rautjärvi (Managing Director) hereby certifies that the following complete vehicle:**

1.1.	Make (trade name of the manufacturer):	Valtra
1.2.	Type:	Q SERIES
1.2.1.	Variant:	Q305S
1.2.2.	Version:	Q305SVPS-5-1365
1.2.3.	Commercial name (if available):	Q305
1.3.	Category, subcategory and speed index of vehicle:	T1b
1.4.	Company name and address of manufacturer:	Valtra Inc. FI-44200 Suolahti
1.5.1.	Location of the manufacturer's statutory plate(s):	On the rear wall of the cabin
1.5.2.	Method of attachment of the manufacturer's statutory plate(s):	Taped
1.6.1	Location of the vehicle identification number on the chassis:	Right front side of the frame, stamped
2.	Vehicle identification number:	YK5W305D0PS145027

conforms in all respects to the type described in :

- EU type-approval: **e17*167/2013*00010*00**
- issued on: 30.08.2022

and can be permanently registered in Member States having right -hand traffic and using metric units for the speedometer.

Suolahti, Finland

23.5.2023



Jari Rautjärvi

Managing Director

Section 2

VEHICLE CATEGORY T

(COMPLETE VEHICLE)

General construction characteristics

3.3.1.	Number of axles and wheels:	2 / 4
3.3.2.	Number and position of axles with twinned wheels:	Optional; 2 F&R
3.3.3.	Number and position of steered axles:	1 F
3.3.4.	Number and position of powered axles:	2 F&R
3.3.5.	Number and position of braked axles:	2 F&R

Constructions characteristics for special purposes

47.1.	Vehicle equipped with falling object protective structures (FOPS) for forestry applications:	-
47.2.	Vehicle equipped with falling object protective structures (FOPS) for other applications than forestry:	Yes
55.1.	Vehicle equipped with protection against penetrating objects (OPS) for forestry applications:	-
55.2.	Vehicle equipped with protection against penetrating objects (OPS) for other applications than forestry:	-
58.3.	Vehicle equipped with a cab classified for protection against hazardous substances of category: and a Dust filter with regard to protection against hazardous substances.	2
59.	Vehicle with machinery mounted on it:	No
59.1.	General description of the machinery and its inter-action with the vehicle:	-

Masses

4.1.1.1.	Unladen mass(es) in running order:	
4.1.1.1.1.	Maximum:	9200 kg
4.1.1.1.2.	Minimum:	9200 kg
4.1.2.1.	Technically permissible maximum laden mass(es):	16000 kg
4.1.2.1.1.	Technically permissible maximum mass(es) per axle:	
	Axle 1:	6400 kg
	Axle 2:	11500 kg

4.1.2.2. Mass(es) and tyre(s)

Tyre combination No	Axle No	Tyre dimension	Rolling radius [mm]	Tyre load rating per tyre [kg]	Load capacity index & speed category symbol	Maximum permissible mass per axle [kg] (*)	Maximum permissible mass of the vehicle [kg] (*)
1	1	600/65R28	700	2940	144 D	5880	16000
	2	650/75R38	925	6090	169 D	11500	16000
2	1	600/65R28	700	2940	144 D	5880	15630
	2	710/70R38	925	4875	163 B	9750	15630
3	1	600/70R28	725	4331	157 D	6400	16000
	2	650/85R38	975	6500	173 B	11500	16000
4	1	600/70R30	750	4463	158 D	6400	16000
	2	650/85R38	975	6825	173 D	11500	16000
5	1	540/70R30	725	4594	159 D	6400	16000
	2	650/75R38	925	7245	175 D	11500	16000
6	1	600/70R30	750	5408	165 D	6400	16000
	2	650/85R38	975	7875	178 D	11500	16000
7	1	540/65R30	700	2861	143 D	5723	14648
	2	650/65R42	925	4463	158 D	8925	14648
8	1	600/65R28	700	3229	147 D	6400	15325
	2	650/65R42	925	4463	158 D	8925	15325
9	1	600/70R28	725	4331	157 D	6400	16000
	2	710/70R42	975	6825	173 D	11500	16000
10	1	600/70R30	750	4463	158 D	6400	16000
	2	710/70R42	975	6825	173 D	11500	16000
11	1	540/65R30	700	4200	156 D	6400	16000
	2	650/65R42	925	6458	171 D	11500	16000
12	1	600/70R30	750	5565	156 D	6400	16000
	2	620/80R42	975	7665	166 D	11500	16000
13	1	540/70R30	725	4594	159 D	6400	16000
	2	650/65R42	925	6300	160 D	11500	16000
14	1	540/65R30	700	4069	155 D	6400	16000
	2	650/75R38	925	7245	175 D	11500	16000
15	1	600/60R30	700	4463	158 D	6400	16000
	2	710/60R42	925	6825	173 D	11500	16000
16	1	VF 540/65R30	700	3875	155 D	6400	16000
	2	VF 620/70R42	925	6300	172 D	11500	16000
17	1	VF 600/65R28	700	3750	159 D	6400	16000
	2	VF 620/70R42	925	6300	172 D	11500	16000
18	1	480/70R30	700	2704	141 D	5408	14858
	2	620/70R42	925	4725	160 D	9450	14858

19	1	540/65R30	700	2861	143 D	5723	14648
	2	580/70R42	925	4463	158 D	8925	14648
20	1	480/70R30	700	2704	141 D	5408	14333
	2	580/70R42	925	4463	158 D	8925	14333
21	1	460/85R30	725	2900	145 B	5800	15300
	2	520/85R42	925	4750	162 B	9500	15300
22	1	420/85R30	700	2500	140 B	5000	14500
	2	520/85R42	925	4750	162 B	9500	14500
23	1	420/90R30	725	3075	147 B	6150	14650
	2	480/80R46	925	4250	158 B	8500	14650

Track widths see point 4.2.2.8.

Maximum permissible vertical load on the coupling point see point 38.3.



4.1.3. Technically permissible towable masses for each chassis/ braking configuration of the R- or S-category vehicle:

Brake \ R and S category vehicle	Drawbar	Rigid drawbar	Centre-axle
Unbraked	3500	3500	3500
Inertia-braked	16000	16000	16000
Hydraulic braked	32000	40000	40000
Pneumatic braked	32000	40000	40000

4.1.4. Total technically permissible masses of the tractor and towed vehicle (R- or S-category vehicle) combination for each chassis/braking configuration of the R- or S-category vehicle:

Brake \ R and S category vehicle	Drawbar	Rigid drawbar	Centre-axle
Unbraked	19500	19500	19500
Inertia-braked	32000	32000	32000
Hydraulic braked	48000	56000	56000
Pneumatic braked	48000	56000	56000

Ballast masses

29.2. Number of sets of ballast masses: See table

29.2.1. Number of components on each set: See table

29.4. Total mass of ballast masses: See table

Ballast masses	Components	Total mass
Front weights	-	-
Front weight	2 x 600 kg	1200 kg
Front wheel weights	n/a	n/a
Belly weight	-	-
Rear wheel weights	-	-

Main dimensions

4.2.2. For complete/completed vehicles

4.2.2.1.1.	Length for on-road use:		Maximum: 5556 mm Minimum: 5461 mm
4.2.2.1.2.	Width for on-road use:		Maximum: 2615 mm Minimum: 2390 mm
4.2.2.1.3.	Height for on-road use:		Maximum: 3337 mm Minimum: 3216 mm
4.2.2.5.	Wheelbase:		3050 mm
4.2.2.8.	Track width:	Maximum:	Axle 1: 2195 mm Axle 2: 2135 mm
		Minimum:	Axle 1: 1582 mm Axle 2: 1620 mm

General powertrain characteristics

5.1.1.1. Declared maximum design vehicle speed: 50 km/h

Engine

2.1.	Make and trade name of manufacturer:		AGCO Power
2.2.	Type:		74 LFTN-D5.1365
2.2.2.	Type-approval number without extension:		e17*2016/1628*2016/1628EV6/D*0001
6.1.7.	Category and sub-category of the engine:		NRE-v-6
6.2.1.	Combustion Cycle:		Four stroke cycle
6.2.2.	Ignition Type:		Compression ignition
6.2.3.1.	Cylinders' number:		6 and configuration: LI
6.2.8.1.	Fuel type:		B5: Diesel / Liquid fuel only
6.2.8.3.	List of additional fuels compatible with use by engine:		n.a.
6.3.2.1.2.	Declared rated net power:		215 kW / 1950 rpm
6.3.2.2.2.	Maximum net power:		225 kW / 1850 rpm
6.3.6.4.	Engine total swept volume:		7365 cm ³

Gearbox

11.2.8. Type of transmission ratio change system: Continuously Variable Transmission

Steering

13.2. Steering geometry: Power-assisted

Braking

43.4.6. Electronic braking system: No

43.5.1. Braking transmission: hydraulic / fully powered transmission

43.6.1. Towed vehicle braking control system technology: Pneumatic

43.6.4. Connection type: Hydraulic: -
Pneumatic: Two-lines

43.6.4.1. Supply pressure hydraulics: - : -

43.6.4.2. Supply pressure pneumatic: Two-lines: 750 kPa

43.6.5. Presence of ISO 7638:2003 connector: No

Rollover protective structure (ROPS)

2.1. Make and trade name of manufacturer: Valtra CM211SQ

2.2.2. Type-approval number: e17*1322/2014*2018/830U3*00029*00

46.1. Equipment of ROPS: Standard

46.2. ROPS: Cab mounted at rear

Seating positions (saddles and seats)

49.1. Seating position configuration: Seat

49.4.2. Driver's seat type category: A II/III

49.4.3. Reversible driving position: No

49.5.1. Number of passenger seats: 1

Mechanical couplings**38.3.** Rear mechanical coupling

Type	Make	Manufacturer's type designation	(EU) type-approval mark	Maximum horizontal load [kN]	Towable mass	Maximum permissible vertical load on the coupling point [kg]	Position of coupling point		
							Height above ground		Distance from vertical plane passing through the axis of the rear axle [mm]
							Minimum [mm]	Maximum [mm]	
PICK UP HITCH HYDRAULIC / HOOK	Dromone	Tow hook A1	e1 00209 ND	97.1	-	3000	635	635	676
PICK UP HITCH HYDRAULIC / DRAWBAR	Dromone	CAT2 Drawbar A2	e1 00226 ND	97.1	-	2000	593	593	972
PICK UP HITCH HYDRAULIC / K80	Dromone	K80 Ball A1	e1 00243 ND	89.3	-	4000	611	611	762
FRAME, MODULAR, DRAWBAR CAT2	ROCKINGER	801L10	e1 00180 ND	89.3	-	2000	635	635	935
FRAME, MODULAR, DRAWBAR CAT3	ROCKINGER	801L26	e1 00219 ND	97.1	-	3000	662	662	935
FRAME, PITON-FIX, DRAWBAR CAT2	Scharmüller	820930	e1 00279 ND	89.3	-	2200	652	652	923
FRAME, PITON-FIX	Scharmüller	126700	e1 00041 ND	97.1	-	3000	698	698	685
FRAME, K80	Scharmüller	126800	e1 00452 ND	104	-	4000	657	657	685
CLEVIS MANUAL = TYPE D	Sauermann	HS 1400-2KUD	e1 00009 ND	97.1	-	2500	680	1140	774
CLEVIS MANUAL = TYPE D	Sauermann	HS 1400-2KUD	e1 00009 ND	97.1	-	2500	880	1140	774
CLEVIS MANUAL = TYPE D	Sauermann	HS 1400-2KUD	e1 00009 ND	97.1	-	2500	810	1140	774
CLEVIS MANUAL = TYPE D	Scharmüller	390519	e1 00025 ND	97.1	-	2500	646	1106	745
CLEVIS MANUAL = TYPE D	Scharmüller	390519	e1 00025 ND	97.1	-	2500	846	1106	745

CLEVIS MANUAL = TYPE D	Scharmüller	390519	e1 00025 ND	97.1	-	2500	776	1106	745
CLEVIS MANUAL = TYPE D	Scharmüller	390519	e1 00025 ND	97.1	-	2000	776	1106	745
CLEVIS MANUAL = TYPE D	ROCKINGER	2745	e1 00339 ND	94.2	-	2000	878	1138	765
CLEVIS MANUAL = TYPE D	ROCKINGER	810D90	e1 00342 ND	97.1	-	2000	846	1106	760
CLEVIS MANUAL = TYPE D	ROCKINGER	810D90	e1 00342 ND	97.1	-	2000	776	1106	760
CLEVIS A10/A11	Sauermann	HS 1700- KUD	e1 00001 ND	97.1	-	2500	676	1136	774
CLEVIS A10/A11	Sauermann	HS 1700- KUD	e1 00001 ND	97.1	-	2500	876	1136	774
CLEVIS A10/A11	Sauermann	HS 1700- KUD	e1 00001 ND	97.1	-	2500	806	1136	774
CLEVIS A10/A11	Scharmüller	390329	e1 00027 ND	97.1	-	2500	646	1106	745
CLEVIS A10/A11	Scharmüller	390329	e1 00027 ND	97.1	-	2500	846	1106	745
CLEVIS A10/A11	Scharmüller	390329	e1 00027 ND	97.1	-	2500	776	1106	745
CLEVIS A10/A11	Scharmüller	390329	e1 00027 ND	97.1	-	2000	776	1106	745
CLEVIS A10/A11	ROCKINGER	865D91	e1 00040 ND	97.1	-	2500	646	1106	774
CLEVIS A10/A11	ROCKINGER	865D91	e1 00040 ND	97.1	-	2500	846	1106	774
CLEVIS A10/A11	ROCKINGER	865D91	e1 00040 ND	97.1	-	2500	776	1106	774
CLEVIS CUNA C 6T	CBM	X244- 389SLD	e1 00538 ND	50	-	1500	687	1147	707
CLEVIS CUNA C 6T	CBM	X244- 389SLD	e1 00538 ND	50	-	1500	887	1147	707
CLEVIS CUNA C 6T	CBM	X244- 389SLD	e1 00538 ND	50	-	1500	817	1147	707
CLEVIS CUNA C 6T	Scharmüller	739081	e1 00312 ND	64	-	1500	654	1114	729
CLEVIS CUNA C 6T	Scharmüller	739081	e1 00312 ND	64	-	1500	854	1114	729

CLEVIS CUNA C 6T	Scharmüller	739081	e1 00312 ND	64	-	1500	784	1114	729
CLEVIS CUNA D3 20T	V. Orlandi	MH50-M6	e3 10029 ND	97.1	-	3000	672	1132	746
CLEVIS CUNA D3 20T	V. Orlandi	MH50-M6	e3 10029 ND	97.1	-	3000	872	1132	746
CLEVIS CUNA D3 20T	V. Orlandi	MH50-M6	e3 10029 ND	97.1	-	3000	802	1132	746
CLEVIS CUNA D3 20T	Scharmüller	739071	e1 00311 ND	97.1	-	2500	646	1106	768
CLEVIS CUNA D3 20T	Scharmüller	739071	e1 00311 ND	97.1	-	2500	846	1106	768
CLEVIS CUNA D3 20T	Scharmüller	739071	e1 00311 ND	97.1	-	2500	776	1106	768
CLEVIS K80	Scharmüller	639062	e1 00191 ND	97.1	-	2500	686	1146	798
CLEVIS K80	Scharmüller	639062	e1 00191 ND	97.1	-	2500	886	1146	798
CLEVIS K80	Scharmüller	639062	e1 00191 ND	97.1	-	2500	816	1146	798
CLEVIS K80	Scharmüller	639063	e1 00331 ND	97.1	-	3000	687	1147	798
CLEVIS K80	Scharmüller	639063	e1 00331 ND	97.1	-	3000	887	1147	798
CLEVIS K80	Scharmüller	639063	e1 00331 ND	97.1	-	3000	817	1147	798
FRAME, PITON-FIX DRAWBAR	ROCKINGER	820L10	e1 00181 ND	97.1	-	3000	644	644	740
FRAME, PITON-FIX DRAWBAR PLATE	Scharmüller	961319	e1 00189 ND	97.1	-	3000	642	642	726
FRAME, K80 DRAWBAR PLATE	Scharmüller	960319	e1 00187 ND	97.1	-	4000	648	648	726
FRAME, K80 DRAWBAR PLATE EXT.	Scharmüller	960320	e1 00188 ND	97.1	-	3500	649	649	891
FRAME, K80 DRAWBAR PLATE	Scharmüller	960308	e1 00453 ND	97.1	-	3000	670	670	911
CLEVIS MANUAL = TYPE D	Scharmüller	3200	e1 00031 ND	92	-	2000	849	1109	732
CLEVIS A10/A11	Scharmüller	3201	e1 00032 ND	92	-	2000	849	1109	734

Three-point lifting mechanism

39.1.	Three-point lifting mechanism:	Front and rear
39.2.	Maximum towable mass	16000 kg

Additional coupling points

40.1.	Additional coupling points:	No
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Power take-off(s)

51.2.	Main PTO position:	Rear
51.3.	Secondary PTO position:	-

Results of the sound level test (external)

Measured according to Annex II to Commission Delegated Regulation (EU) 2018/985, as last amended by Commission Delegated Regulation (EU) 2020/1564.

Moving, dB(A)	Stationary, dB(A)	Engine speed, min ⁻¹
82,0	79,0	2050

Driver-perceived sound level

Measured according to Annex XIII (Test method 2, section 3) to Commission Delegated Regulation (EU) No 1322/2014, as last amended by Commission Delegated Regulation (EU) 2018/830

Driver's exposure to noise level, dB(A)
73,5

Results of exhaust emission tests (inclusive of Deterioration Factor)

Measured according to:

Regulation (EU) 2016/1628 of the European Parliament and of the Council, as last amended by Regulation (EU) 2016/1628 of the European Parliament and of the Council: Yes

Emissions	CO (g/kWh)	HC (g/kWh)	NO _x (g/kWh)	HC+ NO _x (g/kWh)	PM (g/kWh)	PN (#/kWh)	Test Cycle
NRSC final result with DF	0.01	0.02	0.24	0.26	0.0071	3,10E+11	C1
NRTC Final test result with DF	0.02	0.03	0.21	0.24	0.0019	4,80E+11	NRTC
CO2 results:	728 g/kWh						

Comments: -

