(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:	T SERIES
1.2.1.	Variant:	T214S
1.2.2.	Version:	T214S5PS-5-1520
1.2.3.	Commercial name (if available):	T215
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:	YK5T215V0PS065025

conforms in all respects to the type described in :

- EU type-approval: **e17*167/2013*00001*05**
- issued on: 10.11.2022

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

Suolahti, Finland 2.3.2023

Jari Rautjärvi Managing Director

Valtra Inc.
Valmetinkatu 2 FI-44200 Suolahti Finland
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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:		7300 kg
4.1.1.1.2	Minimum:		7300 kg
4.1.2.1.	Technically permissible maximum laden mass(es):		13500 kg
4.1.2.1.1.	Technically permissible maximum mass(es) per axle:		
		Axle 1:	5500 kg
		Axle 2:	9000 kg

4.1.2.2. Mass(es) and tyre(s)

Tyre combi-nation 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	16.9R28	675	2060	133 B	4120	10820
	2	20.8R38	875	3350	150 B	6700	10820
2	1	420/85R28	675	2240	136 B	4480	11580
	2	520/85R38	875	3550	152 B	7100	11580
3	1	480/70R28	675	2500	140 B	5000	12750
	2	580/70R38	875	3875	155 B	7750	12750
4	1	540/65R28	675	2650	142 B	5300	13500
	2	650/65R38	875	4125	157 B	8250	13500
5	1	480/70R30	700	2575	141 B	5150	13500
	2	620/70R42	925	4500	160 B	9000	13500
6	1	540/65R30	700	2725	143 B	5450	13500
	2	650/65R42	925	4250	158 B	8500	13500
7	1	600/65R28	700	3075	147 B	5500	13500
	2	650/65R42	925	4250	158 B	8500	13500
8	1	540/65R28 IND	675	3875	155 B	5500	13500
	2	650/65R38 IND	875	6000	170 B	9000	13500
9	1	600/60R28	675	3000	146 B	5500	13500
	2	710/60R38	875	4500	160 B	9000	13500
10	1	600/65R28	700	3075	147 B	5500	13500
	2	650/75R38	925	5800	169 B	9000	13500
11	1	600/65R28	700	3075	147 B	5500	13500
	2	710/70R38	925	5300	166 B	9000	13500
12	1	600/60R30	700	3075	147 B	5500	13500
	2	710/60R42	925	4625	161 B	9000	13500
13	1	440/80R28 IND	675	3450	151 B	5500	13500
	2	540/80R38 IND	875	5450	167 B	9000	13500
14	1	540/65R30 IND	700	4000	156 B	5500	13500
	2	650/65R42 IND	925	6150	171 B	9000	13500
15	1	16.9-28/14 FOR	675	2650	142 B	5300	13300
	2	20.8-38/14 FOR	875	4000	156 B	8000	13300
16	1	540/65R28 FOR	675	3000	146 B	5500	13500
	2	650/65R38 FOR	875	4500	160 B	9000	13500
18	1	600/60R28 FOR	675	4000	156 B	5500	13500
	2	650/65R38 FOR	875	5600	168 B	9000	13500
19	1	460/85R30	725	2900	145 B	5500	13500
	2	520/85R42	925	4750	162 B	9000	13500

20	1	14.9R28	650	2060	133 B	4120	10620
	2	18.4R38	825	3250	149 B	6500	10620
21	1	16.9R30	700	2500	140 B	5000	13250
	2	20.8R42	925	4125	157 B	8250	13250
22	1	270/95R38	700	2360	138 B	4720	10320
	2	270/95R54	925	2800	144 B	5600	10320
24	1	16.9R28	675	2060	133 B	4120	10420
	2	420/80R46	875	3150	148 B	6300	10420
25	1	380/85R28	650	2060	133 B	4120	10620
	2	460/85R38	825	3250	149 B	6500	10620
26	1	16.9R28	675	2060	133 B	4120	11020
	2	480/80R42	875	3450	151 B	6900	11020
27	1	420/90R30	725	3075	147 B	5500	13500
	2	480/80R46	925	4250	158 B	8500	13500
28	1	420/85R30	700	2500	140 B	5000	13250
	2	520/85R42	925	4125	157 B	8250	13250
29	1	480/70R30	700	2575	141 B	5150	13500
	2	580/70R42	925	4250	158 B	8500	13500
30	1	540/65R30	700	2725	143 B	5450	13500
	2	580/70R42	925	4250	158 B	8500	13500
31	1	540/65R30	700	2725	143 B	5450	13500
	2	620/70R42	925	5300	166 B	9000	13500
32	1	600/65R28	700	3075	147 B	5500	13500
	2	620/70R42	925	5300	166 B	9000	13500
33	1	520/60R28	650	2360	138 B	4720	12470
	2	650/60R38	825	3875	155 B	7750	12470
35	1	600/60R28 FOR	675	4000	156 B	5500	13500
	2	710/70R34 FOR	875	6500	173 B	9000	13500
36	1	480/60R28	625	2120	134 B	4240	11140
	2	600/60R38	800	3450	151 B	6900	11140
37	1	540/70R30 FOR	700	4790	159 D	5500	13500
	2	650/75R38 FOR	925	7560	175 D	9000	13500
38	1	420/85-28 FOR	675	2900	145 B	5500	13500
	2	520/85-38 FOR	875	4500	160 B	9000	13500
39	1	420/85R30	700	2900	145 B	5500	13500
	2	520/85R42	925	4750	162 B	9000	13500
40	1	420/85R28	675	2800	144 B	5500	11800
	2	420/80R46	875	3150	148 B	6300	11800
41	1	420/85R28	675	2800	144 B	5500	12400
	2	480/80R42	875	3450	151 B	6900	12400

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:

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

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:

R and S category vehicle / Brake	Drawbar	Rigid drawbar	Centre-axle
Unbraked	17000	17000	17000
Inertia-braked	29500	29500	29500
Hydraulic braked	45000	45000	45000
Pneumatic braked	45000	45000	45000

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	-	-
Front wheel weights	n/a	n/a
Belly weight	n/a	n/a
Rear wheel weights	-	-

Main dimensions

4.2.2.	For complete/completed vehicles		
4.2.2.1.1.	Length for on-road use:		Maximum: 5793 mm Minimum: 5140 mm
4.2.2.1.2.	Width for on-road use:		Maximum: 2550 mm Minimum: 2280 mm
4.2.2.1.3.	Height for on-road use:		Maximum: 3130 mm Minimum: 3080 mm
4.2.2.5.	Wheelbase:		2995 mm
4.2.2.8.	Track width:	Maximum:	Axle 1: 2280 mm Axle 2: 2280 mm
		Minimum:	Axle 1: 1750 mm Axle 2: 1612 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-D5.1520
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:	158 kW / 2100 rpm
6.3.2.2.2.	Maximum net power:	168 kW / 1900 rpm
6.3.6.4.	Engine total swept volume:	7365 cm^3

Gearbox

11.2.8.	Type of transmission ratio change system:	Semi-automatic

Steering

13.2.	Steering geometry:	Power-assisted

Braking

43.4.6.	Electronic braking system:	No
43.5.1.	Braking transmission:	hydraulic / power-assisted
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 CS201ST
2.2.2.	Type-approval number:	e17*1322/2014*2018/830U3*00014*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	Manu-facturer's type desig-nation	(EU) type-approval mark	Maxi-mum hori-zontal load [kN]	Tow-able mass	Maximum per-missible 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]	
Towing hook, Nordic	LH-Lift	Towing hook	e17 00004 ND	81.8	-	3000	593	993	476
Towing hook, Euro	LH-Lift	Towing hook	e17 00005 ND	87.7	-	3000	593	993	476
Towing hook, Euro	LH-Lift	Drawbar, Cat.2	e17 00005 ND	62.3	-	2000	593	993	476
Towing hook, Euro	LH-Lift	Coupling ball	e17 00005 ND	84.8	-	3000	593	993	476
Towing hook, Euro	LH-Lift	Coupling ball+steering balls	e17 00005 ND	84.8	-	3000	593	993	476
Towing hook, Hydraulic	Dromone	Towing hook	e1 00209 ND	87.7	-	3000	593	993	476
Towing hook, Hydraulic	Dromone	Drawbar, Cat.2	e1 00178 ND	62.3	-	1550	593	993	476
Towing hook, Hydraulic	Dromone	Coupling ball	e1 00243 ND	87.7	-	2600	593	993	476
Towing hook, Hydraulic	Dromone	Coupling ball+steering balls	e1 00243 ND	87.7	-	2600	593	993	476
Towing device frame, Fixed Piton-fix and Drawbar readiness	Scharmüller	Frame, W390	e1 00327 ND	89.3	-	2000	593	993	476
Towing device frame, Fixed Piton-fix and Drawbar readiness	Scharmüller	Piton-fix	e1 00327 ND	89.3	-	3000	593	993	476
Towing device frame, Fixed ball coupling and Drawbar readiness	Scharmüller	Frame, W390	e1 00328 ND	89.3	-	2000	593	993	476

Towing device frame, Fixed ball coupling and Drawbar readiness	Scharmüller	Coupling ball	e1 00328 ND	89.3	-	4000	593	993	476
Clevis D	Scharmüller	Manual, W330	e1 00031 ND	82.4	-	2000	593	993	476
Clevis D	Scharmüller	Manual, W390	e1 00025 ND	120	-	2000	593	993	476
Clevis A10	Scharmüller	Automatic, W330	e1 00032 ND	82.4	-	2000	593	993	476
Clevis A10	Scharmüller	Automatic, W390	e1 00027 ND	120	-	2000	593	993	476
Clevis A11	Scharmüller	Automatic, W330	e1 00032 ND	82.4	-	2000	593	993	476
Clevis A11	Scharmüller	Automatic, W390	e1 00027 ND	120	-	2000	593	993	476
Clevis K80	Scharmüller	Coupling ball clevis, W330	e1 00190 ND	89.3	-	3000	593	993	476
Clevis K80	Scharmüller	Coupling ball clevis, W390	e1 00331 ND	97.1	-	3000	593	993	476
Clevis C	Scharmüller	Cuna 6t, W330	e1 00200 ND	64	-	1500	593	993	476
Clevis C	Scharmüller	Cuna 6t, W390	e1 00312 ND	64	-	1500	593	993	476
Clevis D3	Scharmüller	Cuna 20t, W330	e1 00201 ND	73.6	-	2500	593	993	476
Clevis D3	Scharmüller	Cuna 20t, W390	e1 00311 ND	97.1	-	2500	593	993	476
Drawbar Cat.2, for towing device frame	Scharmüller	Frame long, W390	e1 00267 ND	78.5	-	2000	593	993	476
Drawbar Cat.2, for towing device frame	Scharmüller	Frame PF, W390	e1 00267 ND	78.5	-	2000	593	993	476
Drawbar Cat.2, for towing device frame	Scharmüller	Frame K80, W390	e1 00267 ND	78.5	-	2000	593	993	476
Clevis K80	Rockinger	Coupling ball clevis, W330	e1 00241 ND	100	-	4000	593	993	476

Clevis K80	Scharmüller	Coupling ball clevis, W330	e1 00190 ND	97.1		3000	593	993	476
Clevis Manual = Type C	Rockinger	Manual, W330	e1 00339 ND	97.1		2000	593	993	476
Clevis A10/A11	Rockinger	Automatic, W330	e1 00320 ND	120		2000	593	993	476
Clevis Cuna C	CBM	Cuna 6t, W330	e1 00538 ND	50		1500	593	993	476
Clevis Cuna D3	CBM	Cuna 20t, W330	e1 00545 ND	113		3000	593	993	476
Clevis D	Rockinger	Manual, W390	e1 00342 ND	98.1		2000	593	993	476
Clevis A10	Rockinger	Automatic, W390	e1 00040 ND	120		2500	593	993	476
Clevis A11	Rockinger	Automatic, W390	e1 00040 ND	120		2500	593	993	476

Three-point lifting mechanism

39.1.	Three-point lifting mechanism:	Front and rear
39.2.	Maximum towable mass	12200 kg

Additional coupling points

40.1.	Additional coupling points:	No

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}
82.5	80	2240

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)
71

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: -