(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:	YK5T215A0NS174053

conforms in all respects to the type described in :

- EU type-approval: **e17*167/2013*00001*03**
- issued on: 28.4.2021

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

Suolahti, Finland 27.6.2022

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: 2 and a Dust filter with regard to protection against hazardous substances.	
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
17	1	540/70-30 FOR	700	3250	149 B	5500	13500
	2	650/75-38 FOR	925	5150	165 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
23	1	16.9R28	675	2060	133 B	4120	10420
	2	420/80R46	875	3150	148 B	6300	10420
24	1	380/85R28	650	2060	133 B	4120	10620
	2	460/85R38	825	3250	149 B	6500	10620
25	1	16.9R28	675	2060	133 B	4120	11020
	2	480/80R42	875	3450	151 B	6900	11020
26	1	420/90R30	725	3075	147 B	5500	13500
	2	480/80R46	925	4250	158 B	8500	13500
27	1	420/85R30	700	2500	140 B	5000	13250
	2	520/85R42	925	4125	157 B	8250	13250
28	1	480/70R30	700	2575	141 B	5150	13500
	2	580/70R42	925	4250	158 B	8500	13500
29	1	540/65R30	700	2725	143 B	5450	13500
	2	580/70R42	925	4250	158 B	8500	13500
30	1	540/65R30	700	2725	143 B	5450	13500
	2	620/70R42	925	5300	166 B	9000	13500
31	1	600/65R28	700	3075	147 B	5500	13500
	2	620/70R42	925	5300	166 B	9000	13500
32	1	520/60R28	650	2360	138 B	4720	12470
	2	650/60R38	825	3875	155 B	7750	12470
33	1	600/60R28 FOR	675	4000	156 B	5500	13500
	2	710/70R34 FOR	875	6500	173 B	9000	13500
34	1	480/60R28	625	2120	134 B	4240	11140
	2	600/60R38	800	3450	151 B	6900	11140
35	1	540/70R30 FOR	700	4790	159 D	5500	13500
	2	650/75R38 FOR	925	7560	175 D	9000	13500

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

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: 2030 mm Axle 2: 2012 mm
		Minimum:	Axle 1: 1835 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:	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						Position of coupling point

		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]	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 0004 ND	81.8	-	3000	593	993	476
Towing hook, Euro	LH-Lift	Towing hook	e17 0005 ND	87.7	-	3000	593	993	476
Towing hook, Euro	LH-Lift	Drawbar, Cat.2	e17 0005 ND	62.3	-	2000	593	993	476
Towing hook, Euro	LH-Lift	Coupling ball	e17 0005 ND	84.8	-	3000	593	993	476
Towing hook, Euro	LH-Lift	Coupling ball+steering balls	e17 0005 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

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: -