

(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:	A SERIES
1.2.1.	Variant:	A115S2
1.2.2.	Version:	A115S24PS-4-1449
1.2.3.	Commercial name (if available):	A115
1.3.	Category, subcategory and speed index of vehicle:	T1a
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:	YK5A115H0PS180032

conforms in all respects to the type described in :

- EU type-approval: **e17\*167/2013\*00003\*06**  
- issued on: 28.12.2022

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

Suolahti, Finland

28.6.2023



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:	4300 kg
4.1.1.1.2	Minimum:	4300 kg
4.1.2.1.	Technically permissible maximum laden mass(es):	8500 kg
4.1.2.1.1.	Technically permissible maximum mass(es) per axle:	
	Axle 1:	3500 kg
	Axle 2:	6400 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	12.4R24	550	1360	119 A8	2720	7320
	2	16.9R30	700	2300	137 A8	4600	7320
2	1	340/85R24	550	1500	122 A8	3000	8500
	2	460/85R30	725	2900	145 A8	5800	8500
3	1	13.6R24	575	1450	121 A8	2900	8200
	2	420/85R34	750	2650	142 A8	5300	8200
4	1	380/85R24	600	1950	131 A8	3500	8500
	2	420/85R34	750	2650	142 A8	5300	8500
5	1	340/85R28	625	1750	127 A8	3500	8500
	2	460/85R34	775	3075	147 A8	6150	8500
6	1	380/70R24	575	1800	128 A8	3500	8500
	2	480/70R34	750	2725	143 A8	5450	8500
7	1	420/70R24	600	1900	130 A8	3500	8500
	2	480/70R34	750	3000	146 A8	6000	8500
8	1	440/65R24	575	1800	128 A8	3500	8500
	2	540/65R34	750	2900	145 A8	5800	8500
9	1	480/65R24	600	2060	133 A8	3500	8500
	2	540/65R34	750	2900	145 A8	5800	8500
10	1	480/65R24	600	2060	133 A8	3500	8500
	2	600/65R34	775	3750	154 A8	6400	8500
11	1	13.6R28	625	1550	123 A8	3100	8500
	2	18.4R34	775	2800	144 A8	5600	8500
12	1	400/80R24 IND	600	3250	149 A8	3500	8500
	2	480/80R34 IND	775	5000	164 A8	6400	8500
13	1	13.6-24/10 FOR	575	1800	128 A8	3500	8500
	2	16.9-34/14 FOR	750	3000	146 A8	6000	8500
14	1	14.9-24/14 FOR	600	2360	138 A8	3500	8500
	2	18.4-34/14 FOR	775	3750	154 A8	6400	8500
15	1	280/85R28	575	1320	118 A8	2640	6760
	2	340/85R38	750	2060	133 A8	4120	6760
16	1	320/85R28	600	1600	124 A8	3200	8500
	2	380/80R38	750	2650	142 A8	5300	8500
17	1	13.6R28	625	1550	123 A8	3100	8500
	2	420/85R38	800	2800	144 A8	5600	8500
18	1	340/85R28	625	1750	127 A8	3500	8500
	2	420/85R38	800	2800	144 A8	5600	8500

<b>19</b>	1	380/70R28	625	1750	127 A8	3500	8500
	2	480/70R38	800	2900	145 A8	5800	8500
<b>20</b>	1	440/65R28	625	1950	131 A8	3500	8500
	2	540/65R38	800	3075	147 A8	6150	8500
<b>21</b>	1	13.6R24	575	1650	125 A8	3300	7420
	2	13.6R38	750	2060	133 A8	4120	7420
<b>22</b>	1	270/80R32	600	1950	131 A8	3500	8500
	2	300/95R42	775	3075	147 A8	6150	8500
<b>23</b>	1	12.4R28	600	1600	124 A8	3200	8500
	2	320/90R42	800	3075	147 A8	6150	8500
<b>24</b>	1	440/65R24	575	1800	128 A8	3500	8500
	2	420/85R34	750	2650	142 A8	5300	8500
<b>25</b>	1	300/80R24 IND	525	1800	128 A8	3500	8500
	2	440/80R30 IND	700	3650	153 A8	6400	8500
<b>26</b>	1	360/80R24 IND	575	2360	138 A8	3500	8500
	2	440/80R34 IND	750	3875	155 A8	6400	8500
<b>27</b>	1	380/85R24	600	1950	131 A8	3500	8500
	2	460/85R34	775	3075	147 A8	6150	8500
<b>28</b>	1	420/70R24	600	1900	130 A8	3500	8500
	2	520/70R34	775	3150	148 A8	6300	8500
<b>29</b>	1	500/60R22.5	575	3875	155 D	3500	8500
	2	650/65R26.5	750	6700	174 D	6400	8500
<b>30</b>	1	270/95R32	625	2180	135 A8	3500	8500
	2	270/95R46	800	2800	144 A8	5600	8500
<b>31</b>	1	320/85R28	600	1600	124 A8	3200	8060
	2	380/85R38	775	2430	139 A8	4860	8060
<b>32</b>	1	320/85R24	550	1750	127 A8	3500	8500
	2	420/85R30	700	2900	145 A8	5800	8500
<b>33</b>	1	340/85R24	575	1900	130 A8	3500	8500
	2	420/85R34	750	2650	142 A8	5300	8500
<b>34</b>	1	340/85-24 FOR	575	2120	134 A8	3500	8500
	2	420/85-34 FOR	750	3450	151 A8	6400	8500
<b>35</b>	1	380/85-24 FOR	600	2500	140 A8	3500	8500
	2	460/85-34 FOR	775	3875	155 A8	6400	8500
<b>36</b>	1	340/85R24	575	1900	130 A8	3500	8500
	2	340/85R38	750	2360	138 A8	4720	8220

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	2100	2100	2100
Inertia-braked	8000	8000	8000
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:

Brake \ R and S category vehicle	Drawbar	Rigid drawbar	Centre-axle
Unbraked	10600	10600	10600
Inertia-braked	16500	16500	16500
Hydraulic braked	40500	40500	40500
Pneumatic braked	40500	40500	40500

**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**

<b>4.2.2.</b>	For complete/completed vehicles		
<b>4.2.2.1.1.</b>	Length for on-road use:		Maximum: 4713 mm Minimum: 4367 mm
<b>4.2.2.1.2.</b>	Width for on-road use:		Maximum: 2381 mm Minimum: 2338 mm
<b>4.2.2.1.3.</b>	Height for on-road use:		Maximum: 2799 mm Minimum: 2749 mm
<b>4.2.2.5.</b>	Wheelbase:		2431 mm
<b>4.2.2.8.</b>	Track width:	Maximum:	Axle 1: 2280 mm Axle 2: 2280 mm
		Minimum:	Axle 1: 1300 mm Axle 2: 1433 mm

**General powertrain characteristics**

<b>5.1.1.1.</b>	Declared maximum design vehicle speed:		40 km/h
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**Engine**

<b>2.1.</b>	Make and trade name of manufacturer:		AGCO Power
<b>2.2.</b>	Type:		44 MBTN-D5.1449
<b>2.2.2.</b>	Type-approval number without extension:		e17*2016/1628*2016/1628EV5/D*0003
<b>6.1.7.</b>	Category and sub-category of the engine:		NRE-v-5
<b>6.2.1.</b>	Combustion Cycle:		Four stroke cycle
<b>6.2.2.</b>	Ignition Type:		Compression ignition
<b>6.2.3.1.</b>	Cylinders' number:		4 and configuration: LI
<b>6.2.8.1.</b>	Fuel type:		B5: Diesel / Liquid fuel only
<b>6.2.8.3.</b>	List of additional fuels compatible with use by engine:		n.a.
<b>6.3.2.1.2.</b>	Declared rated net power:		82 kW / 2200 rpm
<b>6.3.2.2.2.</b>	Maximum net power:		86 kW / 2000 rpm
<b>6.3.6.4.</b>	Engine total swept volume:		4397 cm <sup>3</sup>

**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 without power assistance

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 CS192SA

2.2.2. Type-approval number: e17\*1322/2014\*2018/830U3\*00020\*02

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 EURO / HOOK	Dromone	Tow Hook B1 / S2 Mech PUH	e1 00270 ND	66.3	32000	3000	522	522	582
PICK UP HITCH EURO / DRAWBAR	Dromone	Drawbar B2	e1 00391 ND	51.4	13600	1100	502	502	840
PICK UP HITCH EURO / K80	Dromone	Coupling Ball K80 B1 / S2 Mech PUH	e1 00389 ND	66.3	32000	2200	535	535	655
PICK UP HITCH HYDRAULIC / HOOK	Dromone	Tow Hook B1 / S2 HYD PUH	e1 00270 ND	66.3	32000	3000	522	522	582
PICK UP HITCH HYDRAULIC / DRAWBAR	Dromone	Drawbar B2	e1 00391 ND	51.4	13600	1100	502	502	840
PICK UP HITCH HYDRAULIC / K80	Dromone	Coupling Ball K80 B1 / S2 HYD PUH	e1 00389 ND	66.3	32000	2200	535	535	655
AGRICULTURAL DRAWBAR	CBM		e1 00641 NS	N/A	20000	1825	520	520	748
FRAME, PITON-FIX	CBM		e1 00586 ND	71.9	32000	3000	604	604	548
FRAME, PITON-FIX DRAWBAR	Scharmüller	961171	e1 00457 ND	71.9	32000	3000	570	570	657
FRAME, K80 DRAWBAR	Scharmüller	960171	e1 00458 ND	71.9	32000	3000	605	605	662
PIN LADDER FRAME (WITH FIXED PITON FIX PIN)	GIMA	Mounting frame	e4 00002 ND	59.8	21500	3000	598	598	547
CLEVIS D (FOR PIN LADDER FRAME)	Scharmüller	525502	e1 00162 ND	67.6	-	1800	749	972	629
CLEVIS MANUAL = TYPE D	Rockinger	274S	e1 00339 ND	97.1	32000	2000	549	999	682

CLEVIS A10/A11	Rockinger	865D30	e1 00320 ND	120	32000	2000	553	1003	695
CLEVIS CUNA C	CBM	X244- 389SLD	e1 00538 ND	50	12700	1500	553	1003	629
CLEVIS CUNA D3	CBM	Z244- 389SLD	e1 00545 ND	113	32000	3000	517	967	668
CLEVIS K80	Scharmüller	670000	e1 00190 ND	97.1	32000	3000	593	1043	726



**Three-point lifting mechanism**

- 39.1. Three-point lifting mechanism: Rear
- 39.2. Maximum towable mass 7600 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 <sup>-1</sup>
80	80.5	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)
74

**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 <sub>x</sub> (g/kWh)	HC+ NO <sub>x</sub> (g/kWh)	PM (g/kWh)	PN (#/kWh)	Test Cycle
NRSC final result with DF	0,01	0,03	0,25	0,28	0,0086	3,0E+11	C1
NRTC Final test result with DF	0,01	0,03	0,27	0,30	0.0032	5,30E+11	NRTC
CO2 results:	737 g/kWh						

Comments: -

