



CERTIFICATE OF CONFORMITY ACCOMPANYING EACH VEHICLE IN THE SERIES OF THE TYPE WHICH HAS BEEN APPROVED

Section 1

MODEL A - Complete Vehicles

E/662823

EU CERTIFICATE OF CONFORMITY

The undersigned:

Maritano Alessandro

hereby certifies that the following complete vehicle:

- 1.1. Make (trade name of manufacturer): DEUTZ-FAHR
- 1.2. Type: 11NC
- 1.2.1. Variant: 106T1
- 1.2.2. Version: DW
- 1.2.3. Commercial name (if available): 5105 DS TTV
- 1.3. Category, subcategory and speed index of vehicle: T2a
- 1.4. Company name and address of manufacturer: SAME DEUTZ-FAHR ITALIA S.p.A.
Viale Francesco Cassani Treviglio, BG, 24047 IT, Italia
- 1.4.2. Name and address of manufacturer's authorized representative (if any):
- 1.5.1. Location of the manufacturer's statutory plate(s): rear panel behind the driver's seat
- 1.5.2. Method of attachment of the manufacturer's statutory plate(s): glued
- 1.6.1. Location of the vehicle identification number on the chassis: right side of the front axle support
2. Vehicle identification number: ZKDH602W0TD50063

Engine serial number:

conforms in all respects to the type described in EU type-approval: e13*167/2013*00371*00

issued on: 19.07.2021

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

Place, Date: Treviglio, 05.06.2023

Signature:

Section 2

MODEL 1 - VEHICLE CATEGORY T

(COMPLETE, COMPLETED AND INCOMPLETE VEHICLES)

General construction characteristics

3.3.1.	Number of axles and wheels:	2 AXLES AND 4 WHEELS
3.3.2.	Number and position of axles with twinned wheels:	-
3.3.3.	Number and position of steered axles:	F
3.3.4.	Number and position of powered axles:	F & R
3.3.5.	Number and position of braked axles:	F & R
3.4.1.	Crawler undercarriage configuration:	-
3.4.2.	Number and position of powered set of track trains	-
3.4.3.	Number and position of braked set of track trains	-
3.4.4.	Steering by:	
-	changing the speed between the left-hand side and right-hand side track trains	No
-	pivoting of two opposite or all four track trains	No
-	articulation of the front and rear part of the vehicle around a central vertical axis	No
-	articulation of the front and rear part of the vehicle around a central vertical axis and changing the direction of the wheels on the wheeled axle	No

Constructions characteristics for special purposes

47.1.	Vehicle equipped with falling object protective structures (FOPS) for forestry applications	No
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	No
55.2.	Vehicle equipped with protection against penetrating objects (OPS) for other applications than forestry	No
58.3.	Vehicle equipped with a cab classified for protection against hazardous substances of category 2 and category 4 and a:	
	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: 4000 kg

4.1.1.1.2. Minimum: 3800 kg

4.1.2.1. Technically permissible maximum laden mass(es) 5000 kg

4.1.2.1.1. Technically permissible maximum mass(es) per axle: Axle 1: 2100 kg Axle 2: 3500 kg

4.1.2.2. Mass(es) and tyre(s)

Tyre combination No	Axle No	Tyre dimension incl. load capacity index & speed category symbol	Rolling radius [mm]	Tyre load rating per tyre [kg]	Maximum permissible mass per axle [kg]	Maximum permissible mass of the vehicle [kg]	Maximum permissible vertical load on the coupling point [kg]	Track width Min [mm]	Track width Max [mm]
1	1	280/70R16 112 D	390	1080	2160	2100	-----	1070	1268
1	2	420/70R24 130 D	600	2085	4170	3500	1000	1024	1248
2	1	280/70R16 112 A8 / B	390	1120	2240	2100	-----	1070	1268
2	2	420/70R24 130 D	600	2085	4170	3500	1000	1024	1248
3	1	280/70R16 112 A8 / B	390	1120	2240	2100	-----	1070	1268
3	2	420/70R24 130 A8 / B	600	1900	3800	3500	1000	1024	1248
4	1	280/70R18 114 A8 / B	410	1180	2360	2100	-----	1084	1300
4	2	380/70R28 127 D	625	1920	3840	3500	1000	974	1374
5	1	280/70R18 114 A8 / B	410	1180	2360	2100	-----	1084	1300
5	2	420/70R28 133 A8 / B	650	2060	4120	3500	1000	1078	1274
6	1	280/70R18 114 A8 / B	410	1180	2360	2100	-----	1084	1300
6	2	380/70R28 127 A8 / B	625	1750	3500	3500	1000	974	1374
7	1	280/70R18 114 A8 / B	410	1180	2360	2100	-----	1084	1300
7	2	420/70R28 133 D	650	2260	4520	3500	1000	1078	1274
8	1	280/70R18 114 A8 / B	410	1180	2360	2100	-----	1084	1300
8	2	340/85R28 127 A8 / 124 B	625	1750	3500	3500	1000	1028	1324
9	1	210/95R16 106 A8 / B	390	950	1900	1900	-----	1030	1316
9	2	320/85R28 124 A8 / 121 B	600	1600	3200	3200	780	934	1418
10	1	210/95R16 106 A8 / B	390	950	1900	1900	-----	1030	1316
10	2	320/85R28 124 A8 / B	600	1600	3200	3200	780	934	1418
11	1	280/70R18 114 A8 / 114 B	410	1180	2360	2100	-----	1084	1300
11	2	340/85R28 127 A8 / B	625	1750	3500	3500	1000	1028	1324
12	1	VF 280/70R18 116 A8 / B	410	1250	2500	2100	-----	1084	1300
12	2	VF 420/70R28 145 A8 / B	650	2900	5800	3500	1000	1078	1274

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

R- and S category vehicle	Drawbar	Rigid drawbar	Centre-axle
Brake			
Unbraked	2200 kg	2200 kg	2200 kg
Inertia-braked	8000 kg	8000 kg	8000 kg
Hydraulic braked	23000 kg	23000 kg	23000 kg
Pneumatic braked	23000 kg	23000 kg	23000 kg

4.1.4. Total technically permissible mass(es) of the tractor (T- or C-category vehicle) 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	Drawbar	Rigid drawbar	Centre-axle
Brake			
Unbraked	7200 kg	7.200 kg	7.200 kg
Inertia-braked	13.000 kg	13.000 kg	13.000 kg
Hydraulic braked	28.000 kg	28.000 kg	28.000 kg
Pneumatic braked	28.000 kg	7.300 kg	28.000 kg

Ballast masses

29.2. Number of sets of ballast masses: 2 Set

29.2.1. Number of components on each set:

Set 1:

Front ballasts: Max 6 piece of 35 kg. mounted by suitable support(15kg.)
(without front three point lift).

Set 2:

Front ballast:: Max 3 piece of 35 kg. (without front three point lift)

29.4. Total mass of ballast masses: Set 1= 225 kg, Set 2= 105 kg

Main dimensions

4.2.2. For complete/completed vehicles

4.2.2.1.1. Length for on-road use: maximum: 4526 mm ; minimum: 3996 mm

4.2.2.1.2. Width for on-road use: maximum: 1780 mm ; minimum: 1270 mm

4.2.2.1.3. Height for on-road use: maximum: 2525 mm ; minimum: 2475 mm

4.2.2.5. Wheelbase: 2216 mm

4.2.2.8. Track width: maximum: Axle 1: 1316 mm ; Axle 2: 1418 mm
minimum: Axle 1: 1030 mm ; Axle 2: 934 mm

General powertrain characteristics

5.1.1.1. Declared maximum design vehicle speed: 40 Km/h

5.1.2.1. Declared rearward maximum design vehicle speed: 30,81 Km/h

Engine

2.1. Make(s) (trade name(s) of manufacturer): SAME DEUTZ-FAHR ITALIA S.p.A.

2.2. Type: KF2 4078TA

2.2.2. Type-approval number without extension: e1*2016/1628*2016/1628EV5/D*0223

6.1.7. Category and sub-category of the engine: NRE-v-5

6.2.1. Combustion cycle: FOUR-STROKE

6.2.2. Ignition Type: COMPRESSION IGNITION

6.2.3.1. Cylinder's number: 4
and configuration: LI

6.2.8.1. Fuel type: B5

6.2.8.3. List of additional fuels compatible with use by the engine: not applicable

6.3.2.1.2. Declared rated net power: 74,0 kW

6.3.2.2.2. Maximum net power: 78,0 kW

6.3.6.4. Engine total swept volume: ~3850 cm³

Gearbox

11.2.8. Type of transmission ratio change system(s): C

Steering

13.2. Steering category: 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: HYDRAULIC - PNEUMATIC - NONE
- 43.6.4. Connections type: TWO LINES or SINGLE LINE
- 43.6.4.1. Supply pressure Hydraulic: Single line: 14000 kPa Two-lines: 14000 kPa
- 43.6.4.2. Supply pressure Pneumatic: Two-lines: 830 kPa
- 43.6.5. Presence of ISO 7638:2003 connector: No

Rollover protective structure

- 2.1. Make(s) (trade name(s) of manufacturer): SAME DEUTZ-FAHR ITALIA
- 2.2.2. Type-approval number(s): 7/S/0 573
- 46.1. Equipment of ROPS: COMPULSORY
- 46.2. ROPS by cab/by frame/by roll bar(s) mounted at front/rear Cab C82
- 46.2.1. In the case of roll bar: -
- 46.2.2. In the case of foldable roll bar: -
- 46.2.2.1. Folding operation: -
- 46.2.2.2.1. Hand-operated foldable ROPS: -
- 46.2.2.4. Locking mechanism: -

Seating positions (saddles and seats)

- 49.1. Seating position configuration: SEAT
- 49.4.2. Driver's seat type category: Category A class II
- 49.4.3. Reversible driving position: No
- 49.5.1. Number of passenger seats: 0

Mechanical coupling

38.3. Rear mechanical coupling:

Type (according to Appendix 1 to Annex XXXIV to Commission Delegated Regulation (EU) 2015/208):	Make:	Manufacturer's type designation:	(EU) type-approval mark or -number:	Maximum horizontal load/D-Value:	Towable mass (T):	Maximum permissible vertical load on the coupling point:	Position of coupling point			
							Height above ground		Distance from vertical plane passing through the axis of the rear axle	
							Min	Max	Min	Max
No swivel clevis	CBM	Y244-389SLD	e1*2015/208*2018/829ND*00543*00	75 kN		2000 Kg	330 mm	670 mm	694 mm	694 mm
Clevis mechanical coupling	CBM	GTF30028D	e1*2015/208*2018/829ND*00560*00	40 kN		1350 Kg	455 mm	670 mm	693 mm	693 mm
Clevis mechanical coupling	CBM	GTF30014D	e1*2015/208*2018/829ND*00542*00	96,4 kN		2000 Kg	345 mm	675 mm	685 mm	685 mm
No swivel clevis	ARCHETTI TECHNOLOGY	GPC	e3*2015/208*2018/829ND*30081*01	30 kN		1500 Kg	395 mm	685 mm	634 mm	634 mm
Clevis mechanical coupling	CBM	GTF30015D	e1*2015/208*2018/829ND*00544*00	96,4 kN		2000 Kg	345 mm	675 mm	681 mm	681 mm
No swivel clevis	CBM	X281F	e3*2015/208*2018/829ND*30129*00	40 kN		1500 Kg	455 mm	665 mm	709 mm	709 mm
Clevis mechanical coupling	ARCHETTI TECHNOLOGY	MEC-1	e24*2015/208*2018/829ND*00008*00	80 kN		2000 Kg	380 mm	660 mm	743 mm	743 mm
No swivel clevis	CBM	X244-389SLD	e1*2015/208*2018/829ND*00538*00	50 kN		1500 Kg	325 mm	680 mm	664 mm	664 mm
Clevis mechanical coupling	ARCHETTI TECHNOLOGY	AEC-1	e24*2015/208*2018/829ND*00007*00	80 kN		2000 Kg	380 mm	660 mm	740 mm	740 mm
Tractor drawbar	CBM	GTB30026	e3*2015/208*2018/829NS*30095*00		25 T	750 Kg	360 mm	410 mm	906 mm	906 mm
Tractor drawbar	ARCHETTI TECHNOLOGY	TD-001	e24*2015/208*2018/829NS*00009*00		25 T	1040 Kg	360 mm	410 mm	948 mm	948 mm
No swivel clevis	ARCHETTI TECHNOLOGY	GMC10	e3*2015/208*2018/829NS*30049*02		6 T	1500 Kg	380 mm	675 mm	678 mm	678 mm
No swivel clevis	ARCHETTI TECHNOLOGY	GMD20	e3*2015/208*2018/829NS*30050*01		14 T	2000 Kg	380 mm	675 mm	678 mm	678 mm

Three-point lifting mechanism

39.1. Three-point lifting mechanism: rear

39.2. Maximum towable mass: 4000 kg

Additional coupling points

40.1. Additional coupling points: NO

Power take-off(s)

51.2. Main PTO: REAR

51.3. Secondary PTO: FRONT

51.2.3. Optional: Power at the power take-off (PTO) at the rated speed(s) (in accordance with OECD Code 2 or ISO 789-1:1990 (Agricultural

tractors # Test procedures # Part 1: Power tests for power take-off))

Rated speed PTO (min# 1)	Corresponding engine speed (min# 1)		Power (kW)	
	Main PTO	Secondary PTO	Main PTO	Secondary PTO
1-540				
2-1000				
540E				
1000E				

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) No 2018/985

Moving:	79,0 dB(A)
Stationary:	78,0 dB(A)
Engine speed:	2220 min-1

Driver-perceived sound level

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

Driver's exposure to noise level	72 dB(A)
Test method used:	2

Results of the exhaust emission tests (inclusive of Deterioration Factor)

Measured according to:

Commission Delegated Regulation (EU) 2018/985, as last amended by Commission Delegated Regulation (EU) :	No
Regulation (EC) No 2016/1628 of the European Parliament and of the Council, as last amended by (Commission Delegated) Regulation (EU) (No) (1) (of the European Parliament and of the Council):	Yes
Regulation (EC) No 595/2009 of the European Parliament and of the Council, as last amended by (Commission Delegated) Regulation (EU) (No) (1) (of the European Parliament and of the Council):	No

Emissions	CO g/kWh	HC g/kWh	NOx g/kWh	HC+NOx g/kWh	PM g/kWh	PN #/kWh	Test Cycle
NRSC / ESC / WHSC	0.0416	0.0073	0.1708	0.1781	0.0007	4,4697E+10	C1
NR transient test / ETC / WHTC	0.0636	0.0138	0.2829	0.2967	0.0011	4,2786E+10	NRTC
CO ₂ result:	738.0						