SAME

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

Section 1

MODEL A - Complete Vehicles

E/627335

EU CERTIFICATE OF CONFORMITY

The undersigned: ***Tufano Giuseppe***

hereby certifies that the following complete vehicle:

1.1.	Make (trade name of manufacturer):	SAME
1.2.	Type:	10N
1.2.1.	Variant:	96T5
1.2.2.	Version:	SW
1.2.3.	Commercial name (if available):	DORADO 100 Natural
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):	right hand side at the covering of the steering column
1.5.2.	Method of attachment of the manufacturer's statutory plate(s):	glued or rivetted
1.6.1.	Location of the vehicle identification number on the chassis:	ridht side of the front support
2.	Vehicle identification number:	ZKDDB402W0BS50053
	Engine serial number:	*
	conforms in all respects to the type described in EU type-approval:	e13*167/2013*00121*06
	issued on:	27.11.2019

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

Place, Date: Treviglio, 26.06.2020

Signature:

SDF

Section 2

MODEL 1 - VEHICLE CATEGORY T

(COMPLETE, COMPLETED AND INCOMPLETE VEHICLES)

General construction characteristics

3.3.1.	Number of axles and wheels:	2 AXLE 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	No
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 and a:	2 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: 3370 kg

4.1.1.1.2. Minimum: 3370 kg

4.1.2.1. Technically permissible maximum laden mass(es) 5200 kg

4.1.2.1.1. Technically permissible maximum mass(es) per axle: Axle 1: 2300 kg Axle 2: 3300 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	250/85R20 116 A8/B	450	1.250	2500	2300		1450	1756
1	2	340/85R28 127 A8/B	625	1.750	3500	3300	1000	1396	1910
2	1	280/85R24 115 A8/B	525	1.215	2430	2300		1453	1853
2	2	320/85R36 128 A8/B	700	1.800	3600	3300	1000	1300	1913
3	1	280/85R24 115 A8/B	525	1.215	2430	2300		1453	1853
3	2	420/85R30 140 A8/B	700	2.500	5000	3300	1000	1433	1833
4	1	280/85R20 112 A8/B	475	1.120	2240	2240		1460	1766
4	2	380/85R28 133 A8/B	650	2.060	4120	3300	1000	1396	1910
5	1	320/85R20 119 A8/B	500	1.360	2720	2300		1460	1766
5	2	420/85R28 139 A8/B	675	2.430	4860	3300	1000	1430	1830
6	1	320/85R20 119 A8/B	500	1.360	2720	2300		1460	1766
6	2	380/85R30 135 A8/B	675	2.180	4360	3300	1000	1413	1813
7	1	360/70R20 129 A8/B	500	1.850	3700	2300		1470	1776
7	2	420/70R30 134 A8/B	675	2.120	4240	3300	1000	1443	1843
8	1	380/70R20 132 A8/B	525	2.000	4000	2300		1566	1766
8	2	480/70R30 141 A8/B	700	2.575	5150	3300	1000	1502	1806
9	1	405/70R20 136 G	525	2.580	5160	2300		1566	1766
9	2	480/70R30 141 A8/B	700	2.575	5150	3300	1000	1502	1806
10	1	320/70R24 116 A8/B	525	1.250	2500	2300		1567	1853
10	2	480/70R30 141 A8/B	700	2.575	5150	3300	1000	1502	1806
11	1	210/95R28 116 A8	550	1.250	2500	2300		1100	1100
11	2	160/95R46 117 A8	725	1.295	2590	2590	460	1145	1145
12	1	380/70R20 132 A8/B	525	2.000	4000	2300		1670	1776
12	2	540/65R30 150 D/153 A8	700	3.650	7300	3300	1000	1607	1720
13	1	420/65R20 135 D/138 A8	500	2.360	4720	2300		1566	1766
13	2	540/65R28 149 D/152 A8	675	3.550	7100	3300	1000	1607	1720
14	1	280/70R20 116 A8/B	425	1.250	2500	2300		1460	1766
14	2	420/70R24 130 A8/B	600	1.900	3800	3300	1000	1430	1711
15	1	320/70R24 123 A8/B	475	1.550	3100	2300		1460	1766
15	2	420/70R28 133 A8/B	650	2.060	4120	3300	1000	1430	1830

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

Brake / R- and S category vehicle	Drawbar	Rigid drawbar	Centre-axle
Unbraked	1800 kg	1800 kg	1800 kg
Inertia-braked	8000 kg	8000 kg	8000 kg
Hydraulic braked	23000 kg	23000 kg	23000 kg
Pneumatic braked	kg	kg	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:

Brake / R- and S category vehicle	Drawbar	Rigid drawbar	Centre-axle
Unbraked	7000 kg	7.000 kg	7.000 kg
Inertia-braked	13.200 kg	13.200 kg	13.200 kg
Hydraulic braked	28.200 kg	28.200 kg	28.200 kg
Pneumatic braked	0 kg	0 kg	0 kg

Ballast masses

29.2. Number of sets of ballast masses: 4 Set

29.2.1. Number of components on each set:

Set 1:
Front ballasts without front lift: 1 pieces front ballast 50 kg and max
6 front ballasts of 40 kg each, mounted by suitable support
Set 2:
Rear ballasts: Max 4 (2 pieces for each wheel)of 26 kg for each ballast;
Set 3:
Rear ballasts: Max 4 (2 pieces for each wheel)of 43 kg for each ballast;
Set 4:
Rear ballasts: Max 6 (3 pieces for each wheel)of 40 kg for each ballast;

29.4. Total mass of ballast masses: Set 1= 338 Kg, Set 2= 104 Kg, Set 3= 172 Kg, Set4= 240 Kg

Main dimensions

4.2.2.	For complete/completed vehicles	
4.2.2.1.1.	Length for on-road use:	maximum: 4210 mm ; minimum: 3915 mm
4.2.2.1.2.	Width for on-road use:	maximum: 2330 mm ; minimum: 1880 mm
4.2.2.1.3.	Height for on-road use:	maximum: 2545 mm ; minimum: 2420 mm
4.2.2.5.	Wheelbase:	2100 mm
4.2.2.8.	Track width:	maximum: Axle 1: 1853 mm ; Axle 2: 1913 mm minimum: Axle 1: 1100 mm ; Axle 2: 1145 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:	40 Km/h
5.2.	Rated engine net power:(in accordance with UNECE Regulation No 120 (OJ L 257, 30.9.2010, p. 280))	67 kW, a/at 2200 min-1
5.3.	Maximum engine net power: (in accordance with UNECE Regulation No 120 (OJ L 257, 30.9.2010, p. 280))	71 kW, a/at 2000 min-1
5.5.	Fuel type:	B5

Engine

2.1.	Make(s) (trade name(s) of manufacturer):	SAME DEUTZ-FAHR ITALIA S.p.a
2.2.	Type:	KD3 71 TA
2.2.2.	Type-approval number without extension:	e1*2015/96*2015/96C*00013
2.5.2	Manufacturer's type coding (as marked on the engine or other means of identification):	KD371TA
6.1.	Cycle:	FOUR-STROKE
6.4.	Number and layout of cylinders:	3LI
6.5.	Engine capacity:	2887 cmc
7.1.1.	Combustion cycle:	COMPRESSION IGNITION

Gearbox

11.2.8.	Type of gear shift system(s):	M1

Steering

13.2.	Steering category:	POWER ASSISTED

Braking

43.4.6 Electronic braking system: NO

43.5.1. Braking transmission: HYDRAULIC WITHOUT POWER ASSISTANCE

43.5.3. Locking of left and right braking controls: YES

43.6.1. Towed vehicle braking control system technology: HYDRAULIC - NONE

43.6.4. Connections type: TWO LINES - 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: -

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/0 499/1

46.1. Equipment of ROPS: COMPULSORY

46.2. ROPS by cab/by frame/by roll bar(s) mounted at front/rear Cab C69

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 I/II

49.4.3. Reversible driving position: No

49.5.1. Number of passenger seats: not applicable

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	ARCHETTI TECHNOLOGY	GMC 10	e3*2015/208*2018/829NS*30049*02		6 T	1500 Kg	405 mm	695 mm	634 mm	634 mm
No swivel clevis	CBM	X244-389SLD	e1*2015/208*2018/829NS*00538*00		6 T	1500 Kg	385 mm	695 mm	628 mm	628 mm
No swivel clevis	ARCHETTI TECHNOLOGY	AEC-1	e24*2015/208*2018/829ND*00007*00	80 kN		2000 Kg	405 mm	670 mm	697 mm	697 mm
Clevis mechanical coupling	CBM	GTF30 014D	e1*2015/208*2018/829ND*00542*00	96,4 kN		2000 Kg	365 mm	690 mm	640 mm	640 mm
Clevis mechanical coupling	ARCHETTI TECHNOLOGY	MEC-1	e24*2015/208*2018/829ND*00008*00	80 kN		2000 Kg	405 mm	665 mm	699 mm	699 mm
Clevis mechanical coupling	CBM	GTF30 015D	e1*2015/208*2018/829ND*00544*00	96,4 kN		2000 Kg	365 mm	695 mm	636 mm	636 mm
No swivel clevis	ARCHETTI TECHNOLOGY	GMD20	e3*2015/208*2018/829NS*30050*01		14 T	2000 Kg	405 mm	695 mm	634 mm	634 mm
No swivel clevis	CBM	Y244-389SLD	e1*2015/208*2018/829ND*00543*00		14 T	2000 Kg	385 mm	685 mm	658 mm	658 mm
Tactor drawbar	ARCHETTI TECHNOLOGY	TD-001	e24*2015/208*2018/829NS*00009*00		25 T	1040 Kg	380 mm	480 mm	883 mm	883 mm
Clevis mechanical coupling	CBM	GTP 009	e3*2015/208*2018/829ND*30107*00	45 kN		2000 Kg	445 mm	545 mm	524 mm	524 mm
Clevis mechanical coupling	ARCHETTI TECHNOLOGY	TA30	e3*2015/208*2018/829ND*30077*01	45 kN		2000 Kg	445 mm	545 mm	525 mm	525 mm
No swivel clevis	ARCHETTI TECHNOLOGY	SMC1	e3*2015/208*2018/829ND*30078*01	45 kN		2000 Kg	405 mm	695 mm	630 mm	630 mm

Three-point lifting mechanism

39.1. Three-point lifting mechanism: Rear / Front (optional)

39.2. Maximum towable mass: 2000 kg

Additional coupling points

40.1. Additional coupling points: No

Power take-off(s)

51.2. Main PTO: REAR

51.3. Secondary PTO: FRONT (OPZ.)

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 III to Commission Delegated Regulation (EU) 2015/96, as last amended by Commission Delegated Regulation (EU) 2018/985/EU

Moving:	85 dB(A)
Stationary:	84 dB(A)
Engine speed:	2310 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/EU

Driver's exposure to noise level	79 dB(A)
Test method used:	2

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

Measured according to:

- Annex I to Commission Delegated Regulation (EU) 2015/96, as last ammended by Commission Delegated Regulation (EU) …/… : Yes

- Annex XII to Directive 97/68/EC of the European Parliament and of the Council, as last amended by (Commission) Directive No …/…/EU: No

- 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

- Annex 4B to UNECE Regulation No 96.04 series of amendments (OJ L 88, 22.3.2014, p. 1): No

Cycle	NRSC	NRTC
Stage	IIIB	IIIB
CO	0,054 g/kWh	0,0818 g/kWh
HC	0,011 g/kWh	0,0137 g/kWh
NOx	2,984 g/kWh	3,1035 g/kWh
HC+NOx	--- g/kWh	--- g/kWh
PM	0,016 g/kWh	0,0197 g/kWh
CO2	748,5 g/kWh	782,30 g/kWh
NMHC		
CH4		
NRTC hot cycle CO2		
NRTC hot cycle work		
Cycle work for hot start w/o regeneration		

Comments:.....

Accordance with Regulation (EU) N. 2018/830 & 2018/829

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