



CERTIFICATE OF CONFORMITY

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

SECTION 1

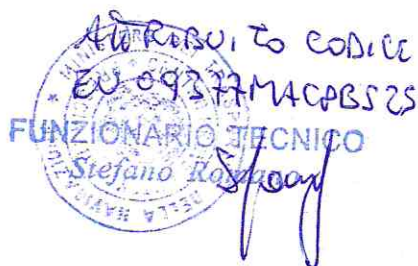
FOR COMPLETE VEHICLES

The undersigned: Mr. Li Zhengyu / Vice General Manager

Hereby certifies that the following complete vehicle:

- 1.1. Make (trade name of the manufacturer) : LOVOL
- 1.2. Type : TB-1
- 1.2.1. Variant(s) : TB-1504C
- 1.2.2. Version : ---
- 1.2.3. Commercial name(if available) : LOVOL M504
- Category, subcategory and speed index of vehicle : T1a
- 1.4. Company name and address of manufacturer : Weichai Lovol Heavy Industry Co. Ltd.
No. 192 Beihai South Road, Weifang City,
Shandong Province, P.R.China
- 1.4.2. Name and address of manufacturer's authorized representative(if any) : P.DE HEUS EN ZONEN GREUP BV
STOUGJESDIJK 153 3271 KB GREUP, HOLLAND
- 1.5.1. Location of the manufacturer's statutory plate(s) :
- | Variant(s) | Description |
|------------|-------------------------------------|
| TB-1504C | Right end of middle beam of the cab |
- 1.5.2. Method of attachment of the manufacturer's statutory plate(s) : Riveted
- 1.6.1. Location of the vehicle identification number on the chassis : Stamped on front right side of tractor frame and the front left of the gear box
2. Vehicle identification number : FTTM3A44CNM001264
- Conforms in all respects to the type described in EU type-approval : e13*167/2013*00365*01
- Issued on : Mar. 18, 2022
- and can be permanently registered in Member States having right/left-hand traffic : Right
- and using metric/imperial units for the speedometer.
- (Place) : Weifang, Shandong, China
- (Date) : Jan. 19, 2023
- (Signature) :

(Vice General Manager)





SECTION 2
VEHICLE CATEGORY T
(COMPLETE VEHICLE)

General construction characteristics

3.3.1.	Number of axles and wheels ⁽¹⁾	:	2 axles, 4 wheels
3.3.2.	Number and position of axles with twinned wheels	:	n.a.
3.3.3.	Number and position of steered axles	:	1 axle, front
3.3.4.	Number and position of powered axles	:	2 axles (rear permanent drive and front with a disengageable interconnecting coupling).
3.3.5.	Number and position of braked axles	:	1 axle, rear (with automatic engagement of front wheel drive)
3.4.2.	Number and position of powered set of track trains	:	n.a.
3.4.3.	Number and position of braked set of track trains	:	n.a.

Constructions characteristics for special purposes

58.3.	Vehicle equipped with a cab classified for protection against hazardous substances of category with regard to protection against hazardous substances	:	not applicable
-------	---	---	----------------

Masses

4.1.1.1.	Unladen mass(es) in running order	:	
4.1.1.1.1.	Maximum	:	2705 kg (TB-1504C)
4.1.1.1.2.	Minimum	:	2480 kg (TB-1504C)
4.1.2.1.	Technically permissible maximum laden mass(es)	:	3750kg
4.1.2.1.1.	Technically permissible maximum mass(es) per axle	:	Front: 1380kg Rear: 2370kg
4.1.2.2.	Mass(es) and tyre(s)	:	

4.1.2.2. Mass(es) and tyre(s)

Tyre combination No.	Axle No.	Tyre dimension including load capacity index and 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 [mm]	
								Min.	Max.
1	1	280/70R20 116D	425	1250	1380	3750	See information document annex 38.1	1320	1400
	2	380/70R28 127D	625	1950	2370			1350	1400
2	1	280/70R20 116A8	425	1250	1380	3750		1320	1400
	2	380/70R28 127A8	625	1950	2370			1350	1400



- 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 Brake	Drawbar	Rigid drawbar	Centre-axle
Unbraked	1000 kg	1000 kg	1000 kg
Inertia-braked	4000 kg	4000 kg	4000 kg
Hydraulic braked	--	--	--
Pneumatic braked	--	--	--

- 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 Brake	Drawbar	Rigid drawbar	Centre-axle
Unbraked	4750kg	4750kg	4750kg
Inertia-braked	7750kg	7750kg	7750kg
Hydraulic braked	--	--	--
Pneumatic braked	--	--	--

Ballast masses

- 29.2. Number of sets of ballast masses : two

- 29.2.1 Number of components on each set :

Variant(s)	Tyre		Front	Rear
TB-1504C	380/70R28	Set 1	6	12
		Set 2		8

- 29.4 Total mass of ballast masses :

Variant(s)	Tyre		Front & Rear (kg)
TB-1504C	380/70R28	Set 1	690
		Set 2	510

Main dimensions

- 4.2.2 For complete/completed vehicles

- 4.2.2.1.1 Length for on-road use : maximum: 3986 mm

minimum: 3986 mm

- 4.2.2.1.2 Width for on-road use : maximum: 1790 mm

minimum: 1670 mm

- 4.2.2.1.3 Height for on-road use : maximum: 2842 mm (TB-1504C)

minimum: 2732 mm (TB-1504C)

- 4.2.2.5 Wheelbase : 1990 mm

- 4.2.2.8 Track width

Maximum : Axle 1: 1320 mm; Axle 2: 1400 mm

Minimum : Axle 1: 1260 mm; Axle 2: 1300 mm

General powertrain characteristics

- 5.1.1.1 Declared maximum design vehicle speed : 37.6 km/h (Rear tire: 380/70R28)

- 5.1.2.1 Declare rearward maximum design vehicle speed : n.a.





Engine

2.1.	Make(s) (trade names) of manufacturer)	:	DOOSAN								
2.2.	Type	:	<table><tr><td>Variant(s)</td><td colspan="2">Engine Type</td></tr><tr><td>TB-1504C</td><td colspan="2">DM01-MFA00</td></tr></table>			Variant(s)	Engine Type		TB-1504C	DM01-MFA00	
Variant(s)	Engine Type										
TB-1504C	DM01-MFA00										
2.2.2	Type-approval number without extension	:	<table><tr><td>Engine Type</td><td colspan="2">Type-approval number</td></tr><tr><td>DM01-MFA00</td><td colspan="2">e13*2016/1628*2016/1628 EV4/D*0344*03</td></tr></table>			Engine Type	Type-approval number		DM01-MFA00	e13*2016/1628*2016/1628 EV4/D*0344*03	
Engine Type	Type-approval number										
DM01-MFA00	e13*2016/1628*2016/1628 EV4/D*0344*03										
6.1.7.	Category and sub-category of the engine	:	NRE-v-4								
6.2.1.	Combustion cycle	:	Four stroke cycle / two stroke cycle / rotary / other (specify)								
6.2.2.	Ignition type	:	Compression ignition / spark ignition								
6.2.3.1.	Cylinders' number and configuration	:	3 cylinders, in-line								
6.2.8.1.	Fuel type	:	diesel								
6.2.8.3.	List of additional fuels compatible with use by the engine	:	n.a.								
6.3.2.1.2.	Declared rated net power	:	<table><tr><td>Variant(s)</td><td>Engine type</td><td>Power (kW)</td></tr><tr><td>TB-1504C</td><td>DM01-MFA00</td><td>36.9</td></tr></table>			Variant(s)	Engine type	Power (kW)	TB-1504C	DM01-MFA00	36.9
Variant(s)	Engine type	Power (kW)									
TB-1504C	DM01-MFA00	36.9									
6.3.2.2.2.	Maximum net power	:	<table><tr><td>Variant(s)</td><td>Power(kW)</td></tr><tr><td>TB-1504C</td><td>36.9</td></tr></table>			Variant(s)	Power(kW)	TB-1504C	36.9		
Variant(s)	Power(kW)										
TB-1504C	36.9										
6.3.6.4.	Engine total swept volume	:	1794 cm ³								

Gearbox

11.2.8. Type of transmission ratio change system : Mechanical

Steering

13.2 Steering category : ~~manual~~ / power-assisted / ~~servo steering~~ / differential

Braking

43.4.6. Electronic braking system : ~~yes~~ / no / optional

43.5.1. Braking transmission : ~~mechanical~~ / hydrostatic without power assistance /
power assisted / fully powered transmission

43.6.1. Towed vehicle braking control system technology : Hydraulic / Pneumatic / Electric / None

43.6.4. Connections type : single line / two lines / none

43.6.4.1. Supply pressure Hydraulic
Single line : n.a.
Two-lines : n.a.

43.6.4.2. Supply pressure Hydraulic
Two-lines : n.a.

43.6.5. Presence of ISO 7638:2003 connector : n.a.

Rollover protective structure (ROPS)

2.1. Make(s) (trade name(s) of manufacturer : LOVOL

2.2.2. Type-approval number(s) :
e13*1322/2014*2018/830U3*00105*03 (Cab)

46.1. Equipment of ROPS : compulsory / optional / standard

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

46.2.1. In the case of roll bar : foldable / ~~not foldable~~



- 46.2.2 In the case of foldable roll bar
 46.2.2.1 Folding operation : non-assisted / ~~partially assisted~~ / ~~fully assisted~~
 46.2.2.2.1 Hand-operated foldable ROPS : with tools / ~~without tools~~
 46.2.2.4 Locking mechanism : manual / ~~automatic~~

Seating positions (saddles and seats)

- 49.1 Seating position configuration : seat / ~~saddle~~
 49.4.2 Driver's seat type category : category A class ~~I/II/III~~, category B
 49.4.3 Reversible driving position : ~~yes~~ / no
 49.5.1 Number of passenger seats : n.a.

Mechanical couplings

38.3. Rear mechanical coupling

Type (according to Appendix 1 to Annex XXXIV to Commission Delegated Regulation (EU) 2015/208)			Clevis type mechanical coupling	Tractor drawbar
Make			LOVOL	LOVOL
Manufacturer's type designation			TB1S530010000K	TB1S350010000K
(EU) type-approval mark or -number			e13*2015/208*2018/829N S*00048*01	e13*2015/208*2018/829N S*00049*01
Maximum horizontal load/D-Value			n.a.	n.a.
Towable mass (T)			8 tonnes	6 tonnes
Maximum permissible vertical load on the coupling point			1000 kg	0 kg
Position of coupling point	height above ground	minimum	504	229
		maximum	614	339
	distance from vertical plane passing through the axis of the rear axle	minimum	659	769
		maximum	659	769

Three-point lifting mechanism

- 39.1 Three-point lifting mechanism : ~~Front mounted~~ / rear mounted / ~~both front and rear mounted~~ / ~~inexistent~~
 39.2 Maximum towable mass : 1300 kg

Additional coupling points

- 40.1 Additional coupling points : ~~yes~~ / no / ~~optional~~

Power take-off(s)

- 51.2 Main PTO
 Position : ~~front~~ / rear / ~~other~~
 51.3 Secondary PTO
 Position : n.a.
 Position : ~~front~~ / rear / ~~other~~

- 51.2.3 Optional: Power at the power take-off (PTO) at the rated speed(s) [in accordance with OECD Code 2 (26) or ISO 789-1:1990 (Agricultural tractors — Test procedures — Part 1: Power tests for power take-off)]

Variant(s)	Rated speed PTO (min ⁻¹)	Corresponding engine speed (min ⁻¹)		Power (kW)	
		Main PTO	Secondary PTO	Main PTO	Secondary PTO
TB-1504C	540	2044	-	31	-
	1000	2045	-	31	-



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:

Variant(s)	TB-1504C
Moving	82
Stationary	75
Engine speed	2400 r/min

Driver-perceived sound level

Measured according to Annex XIII to Commission Delegated Regulation (EU) 1322/2014, as last amended by Commission Delegated Regulation (EU) 2018/830:

Driver's exposure to noise level	TB-1504C
	84
Test method used	Method 2

Results of exhaust emission tests (inclusive of Deterioration Factor)

Measured according to

--Commission Delegated Regulation (EU) 2018/985, as last amended by Commission Delegated Regulation (EU) 2020/1564 : yes/no

--Regulation (EU) No 2016/1628 of the European Parliament and of the Council, as last amended by (Commission Delegated) Regulation (EU) (No) 2020/1040 (of the European Parliament and of the Council) : yes/no

--Regulation (EC) No 595/2009 of the European Parliament and of the Council, as last amended by (Commission Delegated) Regulation (EU) No 2019/1242 (of the European Parliament and of the Council) : yes/no

Variant (s)	Emissions	CO (g/kWh)	HC (g/kWh)	NOx (g/kWh)	HC+NOx (g/kWh)	PM (#/kWh)	PN (#/kWh)	Test Cycle
TB-1504C	NRSC/ESC/ WHSC	0.000	---	---	3.756	0.002	0.135 x10 ¹²	C1
	NR transient test / ETC/ WHTC	0.271	---	---	3.571	0.004	0.201 x10 ¹²	NRTC
	CO ₂ result	NRSC: 761.5 g/kWh NRTC: 813.7g/kWh						



Ministero delle Infrastrutture e dei Trasporti

Dipartimento per i Trasporti e la Navigazione

Direzione Generale Territoriale del Nord Ovest

CENTRO PROVA AUTOVEICOLI DI MILANO - SEZIONE DI BRESCIA

Via Achille Grandi, 1 – 25125 Brescia

Tel. 030 3582601 – Fax 030 3582674

BRESCIA

M.O. 09/BS/109377 DEL 22/09/2025

ATTESTATO DI ATTRIBUZIONE DEL CODICE DI IMMATRICOLAZIONE

categoria veicolo TRATTRICE AGRICOLA
codice di immatricolazione EU09377MACPBS25
numero di telaio **FTTM3A44CNM001264**

Fabbrica / Tipo / Dati Tecnici: come da estratto retro riportato

Attribuzione effettuata a seguito di esibizione:
- COC WEICHAi n. ---- del 19/01/2023

I valori registrati nel record delle caratteristiche tecniche retro riportato sono stati desunti dal certificato di conformità (COC) emesso dal costruttore senza visita del veicolo da parte dell'Ufficio.
L'Ufficio non è responsabile per inesattezze diverse da quelle dovute a meri errori di trascrizione.

OBBLIGHI IVA DA ACCERTARE IN SEDE DI IMMATRICOLAZIONE

BRESCIA, 03/10/2025

IL TECNICO
Funz. Tecn. STEFANO ROMANO

Segue estratto del record dei dati tecnici

*LEU *** AGGIORNAMENTO ARCHIVIO OMOLOGAZIONI ***

TIPO OPERAZIONE VV
 CODICE OMOLOGAZIONE EU/09377/MACPBS25 TIPO VEICOLO S DATA OMOLOGAZIONE 10/25
 CODICE COSTRUTTORE NUMERO PRATICA
 NUMERO OMO EUROPEA e13*167/2013*00365*01 DATA OMO EU 18/03/2022
 COSTRUTTORE WEICHAI LOVOL HEAVY INDUSTRY CO. LTD. TIPO TB-1
 VARIANTE TB-1504C VERSIONE
 MARCA LOVOL
 DENOM.COMM. LOVOL M504
 MOT DM01-MFA00 COMB G TMP 4 N-CL 03 CLNDT 01794,
 PZ-MAX(KW) 036,90 NZ-FAB E GR 02400 PZ-FIS
 P-A P-T 001 LNG 03986 LRG 1790 SBLZ
 CARREGGIATA INT1 1990 INT2 INT3 P-BUS-S P-BUS-P
 P-BUS-SV TARA 02480 MS-COMPL 003750 MS-RIMLE 004000 N-ASS 02
 N-MAR CAMB MEC RAPP-TR SERVOST
 PNE A:280/70R20 116A8-P:380/70R28 127A8 FR-SERV M DB 075, GR-US 02400
 V-EFFETT 03760 VLD LIM-N LIM-DT / F-STRADA
 SI PUO' IMMATRICOLARE DAL TELAIO NUMERO ABS LIM-VEL CAR-BASE
 DIR CE C33 DAP TECNOLOGIA INNOVATIVA , RL1 RL2
 NOX , PART.ATO , CO2 (g/Km) , COEFF.ASSORB. ,
 DESC RISPETTA IL REG. UE 2016/1628 FASE V/
 ROPS E13 00105 U3 (CABINA). GANCI:
 E13 00048NS S=1000KG T=8T, E13 00049
 NS S=0 T=6T. MASSA MAX TRAINABILE DA
 ATTACCO A 3 PUNTI 1300 KG. MASSE MAX
 /ASSI: ANT.1380 KG POST.2370 KG. IN
 ALTERN.PNEUS: A:280/70R20 116A8, P:
 380/85R24 131A8; OPPURE A:260/70R20
 113D, P:380/85R24 131A8; OPP.280/70R
 16 102D O 112A8, P: 360/70R24 122A8;
 OPP. A:260/70R16 101D O 109A8, P:360
 /70R24 122A8; OPP. A:8.3-20 95A6, P:
 14.9-24 128A6; OPP. A:8.3-20 95A6,P:
 12.4-28 122A6; OPP.A:31X9.5-16 113A6
 P:43.5X13-20 122A6. MASSA MAX RIMOR-
 CHIO NON FRENATO 1000 KG, FRENATO A
 INERZIA 4000 KG. TARA TRATTICE MIN/
 MAX: 2480/2705 KG. ZAVORRE: ANT/POST
 /MASSA TOT.(KG):CON PNEUS 380/70R28:
 6/12/690, 6/8/510, 6/6/666, 6/4/494;
 CON PNEUS 380/85R24 OPP. 360/70R24
 OPP.14.9-24: 6/6/420, 6/4/330; CON
 PNEUS 12.4-28: 6/6/330, 6/4/270.
 TRAZIONE ASSE ANT. DISINSERIBILE.
 MOTORE DOOSAN OMOLOGAZ.E13 2016/1628
 2016/1628 EV4/D 0345