



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 | : | TE-1 |
| 1.2.1. | Variant(s) | : | TE-12543C |
| 1.2.2. | Version | : | --- |
| 1.2.3. | Commercial name(if available) | : | LOVOL M254 |
| 1.3. | Category, subcategory and speed index of vehicle | : | T1a |
| 1.4. | Company name and address of manufacturer | : | WEICHAI Lovol Intelligent Agricultural
Technology Co., Ltd.

No. 192 Beihai South Road, Fangzi District, Weifang
City, Shandong Province, P.R.China |
| 1.4.2. | Name and address of manufacturer's authorized
representative(if any) | : | Weichai Lovol Heavy Industry Co.Ltd
VIA MARIANINI 21/E, 41123
Modena (MO) Italy |
| 1.5.1. | Location of the manufacturer's statutory plate(s) | : | Middle of the floor |
| 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 |
| 2. | Vehicle identification number | : | FTTM2A34VPE001896 |
| | Conforms in all respects to the type described in
EU type-approval | : | e13*167/2013*00360*03 |
| | Issued on | : | 10th. June, 2024 |
| | 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. 16th, 2025 |
| | (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	: 1 rear permanent drive and 1 front, with a disengageable interconnecting coupling
3.3.5.	Number and position of braked axles	: 2, rear axle and front axle
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
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Masses

4.1.1.1.	Unladen mass(es) in running order	
4.1.1.1.1.	Maximum	: 1761 kg (TE-12543C)
4.1.1.1.2.	Minimum	: 1731 kg (TE-12543C)
4.1.2.1.	Technically permissible maximum laden mass(es)	: 2400 kg
4.1.2.1.1.	Technically permissible maximum mass(es) per axle	: Front: 1400 kg Rear: 1550 kg
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	6.50-16 88A6	380	565	1130	2400	0	1243	1243
	2	11.2-24 115A6	517	1225	1550			1237	1337
2	1	8-16 IMP 113A6	395	1150	1400	2400	0	1243	1243
	2	360/80-20 122A6	525	1500	1550			1237	1337
3	1	260/70R16 104A8	370	825	1400	2400	0	1243	1243
	2	280/85R24 115A8	525	1215	1550			1237	1337
4	1	260/70R16 109A8	370	1030	1400	2400	0	1237	1337
	2	280/85R24 115A8	525	1215	1550			1237	1337
5	1	7.5-16 99A6	403	775	1400	2400	0	1237	1337
	2	12.4-24 120A6	552	1400	1550			1237	1337
6	1	260/70R16 104A8	370	825	1400	2400	0	1243	1243
	2	320/85R24 122A8	550	1500	1550			1237	1337
7	1	260/70R16 109A8	370	1030	1400	2400	0	1243	1243
	2	320/85R24 122A8	550	1500	1550			1237	1337

No.192, Beihai South Road, Fangzi District, Weifang City,
Shandong Province, P.R. China



R- and S category vehicle	Drawbar	Rigid drawbar	Centre-axle
Brake			
Unbraked	360 kg	360 kg	360 kg
Inertia-braked	2000 kg	2000 kg	2000 kg
Hydraulic braked	--	--	--
Pneumatic braked	--	--	--

R- and S category Vehicle	Drawbar	Rigid drawbar	Centre-axle
Brake			
Unbraked	2760 kg	2760 kg	2760 kg
Inertia-braked	4400 kg	4400 kg	4400 kg
Hydraulic braked	--	--	--
Pneumatic braked	--	--	--

29.2.	Number of sets of ballast masses	:	two
29.2.1	Number of components on each set	:	set 1: front: 4; rear: 4; set 2: front: 4; rear: 4
29.4	Total mass of ballast masses	:	204 kg or 192 kg

4.2.2	For complete/completed vehicles	
4.2.2.1.1	Length for on-road use	: maximum: 3495 mm (TE-12543C) minimum: 3495 mm (TE-12543C)
4.2.2.1.2	Width for on-road use	: maximum: 1550 mm minimum: 1550 mm
4.2.2.1.3	Height for on-road use	: maximum: 2415 mm minimum: 2377 mm
4.2.2.5	Wheelbase	: 1700 mm (TE-12543C)
4.2.2.8	Track width	
	Maximum	: Axle 1: 1250 mm; Axle 2: 1360 mm
	Minimum	: Axle 1: 1250 mm; Axle 2: 1160 mm

5.1.1.1	Declared maximum design vehicle speed	:	29.4 km/h (Rear tire: 12.4-24)
5.1.2.1	Declare rearward maximum design vehicle speed	:	n.a.





Engine

2.1.	Make(s) (trade names) of manufacturer	:	Doosan	LD
2.2.	Type	:	DM01-MFA01	KM385BT
2.2.2	Type-approval number without extension	:	e9*2016/1628*2016/1628EV2/D*31021 (KM385BT)	
6.1.7.	Category and sub-category of the engine	:	NRE-v-2 (KM385BT)	
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	:	18.4 kW (KM385BT)	
6.3.2.2.2.	Maximum net power	:	18.4 kW (KM385BT)	
6.3.6.4.	Engine total swept volume	:	1532 cm ³ (KM385BT)	

Gearbox

11.2.8.	Type of transmission ratio change system	:	Mechanical
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Steering

13.2	Steering category	:	manual / power-assisted / servo steering / differential
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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; ARBOS; AUPAX
2.2.2.	Type-approval number(s)	:	e13*1322/2014*2018/830U3*00126*06 (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 I to Annex XXXIV to Commission Delegated Regulation (EU) 2015/208)			Tractor drawbar	
Make			LOVOL	
Manufacturer's type designation			TL01350010000K	
(EU) type-approval mark or -number			e13*2015/208*2018/829NS*00056*03	
Maximum horizontal load/D-Value			n.a.	
Towable mass (T)			5 tonnes	
Maximum permissible vertical load on the coupling point			0 kg	
Position of coupling point	height above ground	minimum	343	
		maximum	387	
	distance from vertical plane passing through the axis of the rear axle	minimum	597	
		maximum	597	

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 : 520 kg (TE-12543C)

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 : 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
TE-14043C	540	1827	-	24.9	-



	1000	1850	-	24.9	-
TE-12543C	540	1827	-	15.6	-
	1000	1850	-	15.6	-

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) 2022/518:

Variant(s)	TE-14043C	TE-12543C
Moving	79 dB(A)	80dB(A)
Stationary	76 dB(A)	79 dB(A)
Engine speed	2350 r/min	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	TE-14043C	TE-12543C
	85 dB(A)	85 dB(A)
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) 2022/518 : yes/no

--Regulation (EU) No 2016/1628 of the European Parliament and of the Council, as last amended by (Commission Delegated) Regulation (EU) (No) 2022/992 (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
TE-14043C	NRSC/ESC/ WHSC	0.000	---	---	3.760	0.002	0.135 x10 ¹²	C1
	NR transient test / ETC/ WHTE	0.083	---	---	3.526	0.004	0.201 x10 ¹²	NRTC
	CO ₂ result	NRSC: 766,3 g/kWh				NRTC (hot cycle CO ₂): 810,7 g/kWh		
TE-12543C	NRSC/ESC/ WHSC	1.427	1.013	5.894	6.907	0.333	---	C1
	NR transient test / ETC/ WHTE	---	---	---	---	---	---	---
	CO ₂ result	NRSC: 955.8 g/kWh				NRTC (hot cycle CO ₂): --- g/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/109412 DEL 23/09/2025

ATTESTATO DI ATTRIBUZIONE DEL CODICE DI IMMATRICOLAZIONE

categoria veicolo TRATTRICE AGRICOLA
codice di immatricolazione EU09412MACPBS25
numero di telaio **FTTM2A34VPE001896**

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

Attribuzione effettuata a seguito di esibizione:
- COC WEICHAJ n. ---- del 16/01/2025

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/09412/MACPBS25 TIPO VEICOLO S DATA OMOLOGAZIONE 10/25
 CODICE COSTRUTTORE NUMERO PRATICA
 NUMERO OMO EUROPEA e13*167/2013*00360*01 DATA OMO EU 13/06/2022
 COSTRUTTORE WEICHAH LOVOL HEAVY INDUSTRY CO. LTD. TIPO TE-1
 VARIANTE TE-12543C VERSIONE
 MARCA LOVOL
 DENOM.COMM. LOVOL 254 CAR (MA=CAT) SD SPEC CAR
 MOT LD KM385BT COMB G TMP 4 N-CL 03 CLNDT 01532,
 PZ-MAX(KW) 018,40 NZ-FAB E GR 02400 PZ-FIS
 P-A P-T 001 LNG 03495 LRG 1550 SBLZ
 CARREGGIATA INT1 1700 INT2 INT3 P-BUS-S P-BUS-P
 P-BUS-SV TARA 01731 MS-COMPL 002400 MS-RIMLE 002000 N-ASS 02
 N-MAR CAMB MEC RAPP-TR SERVOST
 PNE A:260/70R16 104A8-P:280/85R24 115A8 FR-SERV M DB 079, GR-US 02400
 V-EFFETT 02940 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/
 MOTORE APPR. E9 2016/1628 2016/1628
 EV2/D 31021
 ROPS E13 00126 U3 (CABINA). GANCIO:
 E13 00056NS S=0KG T=5T; MASSA TRAINA
 BILE DA ATTACCO A 3 PUNTI 640 KG.
 MASSE MAX/ASSI: ANT.850 POST 1550 KG
 MASSA RIMO. NON FRENATO 360 KG, FRE-
 NATO A INERZIA 2000 KG. TARA TRATTI
 CE MIN/MAX: 1731/1761 KG. ZAVORRE:
 4 ANT.+4 POST PER TOT. 204 O 192 KG.
 TRAZIONE ASSE ANT. DISINSERIBILE.