



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 : P5000
- 1.2.1. Variant(s) : P12
- 1.2.2. Version : ---
- 1.2.3. Commercial name(if available) : LOVOL P5130
- 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) :
- | Description | Variant(s) |
|--|------------|
| Front of right mudguard inside the cabin | P12 |
- 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 : FFTP5A54TRM000010
- Conforms in all respects to the type described in EU type-approval : e13*167/2013*00380*04
- Issued on : March 15th, 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) : Nov. 13th, 2024
- (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

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
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	:	5472kg
4.1.1.1.2.	Minimum	:	4869kg
4.1.2.1.	Technically permissible maximum laden mass(es)	:	8000 kg
4.1.2.1.1.	Technically permissible maximum mass(es) per axle	:	Front: 3200 kg Rear: 4800 kg
4.1.2.2.	Mass(es) and tyre(s)	:	

Tyre combination No.	Axle No.	Tyre dimension incl. load capacity index and speed category symbol	Speed radius index [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	380/70R28127A8	625	1750	3200	8000	See information document annex 38.1	1656	2222
	2	520/70R38 150D	825	3350	4800			1630	1938
2	1	440/65R28 131D	625	1950	3200	8000		1656	2222
	2	600/65R38 153D	825	3075	4800			1630	1938
3	1	340/85R28127A8	625	1750	3200	8000		1634	2244



	2	460/85R38149A8	825	3250	4800		1630	1934
4	1	320/85R28124A8	600	1600	3200	8000	1606	2274
	2	420/85R38144A8	800	2800	4800		1628	2028
5	1	480/65R24 133D	600	2060	3200	8000	1666	2212
	2	540/65R38 147D	800	3375	4800		1628	2028
6	1	480/65R24 133D	600	2060	3200	8000	1666	2212
	2	600/65R34 151D	775	3450	4800		1556	1956
7	1	420/70R24130A8	600	1900	3200	8000	1696	2182
	2	520/70R34148A8	775	3150	4800		1556	1956

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	2100 kg	2100 kg	2100 kg
Inertia-braked	8000 kg	8000 kg	8000 kg
Hydraulic braked	24000 kg	24000 kg	24000 kg
Pneumatic braked	24000 kg	24000 kg	24000 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 Brake	Drawbar	Rigid drawbar	Centre-axle
Unbraked	10100 kg	10100 kg	10100 kg
Inertia-braked	16000 kg	16000 kg	16000 kg
Hydraulic braked	32000 kg	32000 kg	32000 kg
Pneumatic braked	32000 kg	32000 kg	32000 kg

Ballast masses

- 29.2. Number of sets of ballast masses : One
 29.2.1 Number of components on each set : Front: 10; rear: 6

- 29.4 Total mass of ballast masses : 900kg

Main dimensions

- 4.2.2 For complete/completed vehicles
- 4.2.2.1.1 Length for on-road use : maximum: 5087 mm
minimum: 4670 mm
- 4.2.2.1.2 Width for on-road use : maximum: 2568 mm
minimum: 2048 mm
- 4.2.2.1.3 Height for on-road use : maximum: 2965 mm
minimum: 2915 mm
- 4.2.2.5 Wheelbase : 2560mm
- 4.2.2.8 Track width
 Maximum : Axle 1: 2274 mm; Axle 2: 2028 mm
 Minimum : Axle 1: 1606 mm; Axle 2: 1556 mm

General powertrain characteristics

- 5.1.1.1 Declared maximum design vehicle speed : 39.5 km/h (Rear tire:460/85R38)

5.1.2.1 Declare rearward maximum design vehicle speed : 38.6 km/h (Rear tire:460/85R38)

Engine

2.1. Make(s) (trade names) of manufacturer : WEICHAI;

2.2. Type :

Variant(s)	Type
P12	WP4.6NG150E670

2.2.2 Type-approval number without extension :

Variant(s)	Type
P12	e9*2016/1628*2022/992EV6/D*31150*00

6.1.7. Category and sub-category of the engine : WEICHAI -NRE-v-6

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 : 4 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 : P12: 110 kW

6.3.2.2.2. Maximum net power : P12: 119 kW

6.3.6.4. Engine total swept volume : 4580 cm³

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~~ / ~~pneumatic~~ / hydraulic / ~~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 : 13000-15000 kPa

Two-lines : 1500-3500 kPa

43.6.4.2. Supply pressure Pneumatic



Two-lines : 810±40kPa
43.6.5. Presence of ISO 7638:2003 connector : Yes

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*00271*02
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 : n.a.
46.2.2 In the case of foldable roll bar : n.a.
46.2.2.1 Folding operation : n.a.
46.2.2.2.1. Hand-operated foldable ROPS : n.a.
46.2.2.4. Locking mechanism : n.a.

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 : 1

Mechanical couplings

Type (according to Appendix 1 to Annex XXXIV to Commission Delegated Regulation (EU) 2015/208)			Clevis type mechanical coupling		Tractor drawbar	
Make			WEICHAI LOVOL	CBM	WEICHAI LOVOL	CBM
Manufacturer's type designation			P5S35001024	GTF30014D	P5S35001018	GTB30032
(EU) type-approval mark or -number			e13*2015/208*2018/829NS*00119*00	e1*2015/208*2018/829ND*00542*00	e13*2015/208*2018/829NS*00118*00	e1*2015/208*2018/829ND*00547*00
Maximum horizontal load/D-Value			n.a.	96.4 KN	n.a.	51.5 KN
Towable mass (T)			10 tonnes	n.a.	12 tonnes	n.a.
Maximum permissible vertical load on the coupling point			2000 kg	2000 kg	0 kg	1825 kg
Position of coupling point	height above ground	min	548	548	545	545
		max	792	792	723	723
	Distance from vertical plane passing through the axis of the rear axle	min	683	683	761	761
		max	683	683	911	911

Three-point lifting mechanism

39.1. Three-point lifting mechanism : Front mounted / rear mounted / both front and rear mounted / in-existent
39.2. Maximum towable mass : 4200 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 : 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
P12	540	2201	-	91.45	-
	540E	2201	-	91.65	-
	1000	2201	-	91.84	-

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)	P12
Moving	83 dB(A)
Stationary	84 dB(A)
Engine speed	2200 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	P12
	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) 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	PM (g/kWh)	PN (g/kWh)	Test Cycle
P12	NRSC/ESC/ WHSC	0.007	0.023	0.252	---	0.003	8.20x10 ¹¹	<u>C1</u>
	NR transient test / ETC / WHTC	0.014	0.016	0.016	---	0.003	6.64x10 ¹¹	<u>NRTC</u>
	CO ₂ result	NRTC (hot cycle CO ₂): 683.981 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/106109 DEL 13-01-2025

ATTESTATO DI ATTRIBUZIONE DEL CODICE DI IMMATRICOLAZIONE

categoria veicolo (S) TRATTRICE AGRICOLA
codice di immatricolazione EU06109MACPBS24
numero di telaio FFTP5A54TRM000010

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

Attribuzione effettuata a seguito di esibizione:

- COC WEICHAI LOVOL HEAVY INDUSTRY OC. LTD. n. ---- del 13-11-2024

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 VERIFICARSI
IN SEDE DI IMMATRICOLAZIONE

BRESCIA, 27-02-2025

IL TECNICO
Funz. Tecn. STEFANO ROMANO



Estratto del record dei dati tecnici

CODICE OMOLOGAZIONE EU/06109/MACPBS25 TIPO VEICOLO S DATA OMOLOGAZIONE 02/25
 CODICE COSTRUTTORE NUMERO PRATICA
 NUMERO OMO EUROPEA e13*167/2013*00380*04 DATA OMO EU 17/07/2024
 COSTRUTTORE WEICHAI LOVOL HEAVY INDUSTRY CO. LTD. TIPO P5000
 VARIANTE P12 VERSIONE
 MARCA LOVOL
 DENOM.COMM. LOVOL P5130 CAR (MA=CAT) SD SPEC CAR
 MOT WP4.6NG150 COMB G TMP 4 N-CL 04 CLNDT 04580,
 PZ-MAX(KW) 119, NZ-FAB E GR 02200 PZ-FIS
 P-A P-T 001 LNG 04670 LRG 2048 SBLZ
 CARREGGIATA INT1 2560 INT2 INT3 P-BUS-S P-BUS-P
 P-BUS-SV TARA 04869 MS-COMPL 008000 MS-RIMLE 024000 N-ASS 02
 N-MAR CAMB MEC RAPP-TR SERVOST
 PNE A:380/70R28 127A8-P:520/70R38 150D FR-SERV I DB 084, GR-US 02200
 V-EFFETT 03950 VLD LIM-N LIM-DT / F-STRADA
 SI PUO' IMMATRICOLARE DAL TELAIO NUMERO ABS LIM-VEL CAR-BASE
 DIR CE DAP TECNOLOGIA INNOVATIVA , RL1 RL2
 NOX , PART.ATO , CO2 (g/Km) , COEFF.ASSORB. ,
 DESC MOTORE WEICHAI WP4.6NG150E670 /E13 2016/1628 2022/992 EV6/D 31150
 ROPS E13 00271U3 (CABINA).IN ALTERN.
 PNEUMATICI (ANT.+POST.): 440/65R28
 131D+600/65R38 153D; 340/85R28 127A8
 +460/85R38 149A8; 320/85R28 124A8+
 420/85R38 144A8; 480/65R24 133D+540/
 65R38 147D; 480/65R24 133D+600/65R34
 151D;420/70R24 130A8+520/70R34 148A8
 MASSE MAX/ASSI: 1'=3200 2'=4800 KG.
 MASSA RIM.LE NON FRENATA 2100 KG,CON
 FREN. A INERZIA 8000 KG, CON FRENAT.
 IDRAULICA O PNEUMATICA 24000 KG LIMI
 TATA DA CARATT. GANCI/BARRE. LUNGH.
 MIN/MAX=4670/5087 MM, LARGH. MIN/MAX
 2048/2568; TARA MIN/MAX 4869/5472 KG
 TRAZIONE ASSE ANTER. DISINSERIBILE.
 2048/2568; TARA MIN/MAX 4869/5472 KG
 TRAZIONE ASSE ANTER. DISINSERIBILE.
 GANCIO E13 00119NS S=2000 KG, T=10T
 LIMITA RIM.LE A 10000 KG; GANCIO E1
 00542ND S=2000 KG D=96,4 KN (NON LI-
 MITA), BARRA E13 00118NS S=0 T=12T
 LIMITA RIM.LE A 12000 KG; BARRA E1
 00547ND S=1825 D=51,5 KN LIMITA RIM.
 LE A 15270 KG. (MASSA RIM.LE INTESA
 SU ASSI RIMORCHIO). MASSA RIM.LE DA
 ATTACCHI SOLLEVATORE POST. 4200 KG.
 ZAVORRE 10 ANT+6 POST PER TOT.900KG.