



LS Mtron Ltd.

11F, LS Tower, 127 LS-Ro, Dongan-Gu, Anyang-Si, Gyeonggi-Do, 431-080 KOREA Tél 82.31.689.8270 Fax 82.689.8928

EC CERTIFICATE OF CONFORMITY
PART I

I, the undersigned: Joong-suk, Lee Manager / Quality Assurance Term
hereby certify that the following tractor:

- 0.1. Make(s) (registered by the manufacturer) ----- LS Mtron Ltd.
- 0.2. Type(specify any variants and versions) -----Front loader LS
- 0.2.1. Trade name(s) (where appropriate) ----- LL6100
- 0.3. Means of identification of type, if marked on the tractor ----- Front loader identification number
- 0.3.1. Manufacturer's plate (location and method of affixing) ---- Front right side of the tractor frame, riveting
- 0.3.2. Chassis identification number (location) ----- Front right side of the Front loader frame
- 0.4. Category of Front loader ----- T2
- 0.5. Name and address of manufacturer ----- LS Mtron Ltd.
LS Tower 11F, 1026-6 Hogue-dong, Dong-an-gu, Anyang-si, Gyeonggi-do, Korea
- 0.6. Locations of the statutory plates ----- Right side of engine frame

Stage 1 : Base tractor

- Manufacturer -----

- EC type-approval number -----

- Date -----

Stage 2 :

- Manufacturer -----

- EC type-approval number -----

- Date -----

**LS Mtron Ltd.**

11F, LS Tower, 127 LS-Ro, Dongan-Gu, Anyang-Si, Gyeonggi-Do, 431-080 KOREA Tél 82.31.689.8270 Fax 82.689.8928

Front loader identification number ----- (2342000042)

Numeric or alphanumeric identification code -----

according to the type(s) of tractor described in the approval(s) corresponds in every respect to the type described in

- EC type-approval number ----- (e4*2003/37*0038*00)

- Date ----- (January 28, 2016)

The tractor may be registered permanently, without requiring any further approval, for driving on the right

Wanju-Gun, Jeollabuk-Do, Korea

Place

December 14, 2024

Date

Joong-suk, Lee

Signature

A handwritten signature in black ink, appearing to read 'Joong-suk, Lee', is written over the printed name.

Manager /Quality Assurance Team

Position

Attachment (only in the case of multi-stage tractor types) certificates of conformity for each stage



1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE TRACTOR

- 1.1. Number of axles and wheels ----- 2 axles, 4 wheels
- 1.1.3. Powered axles (number, position, interconnection) ----- 1 or 2, Rear or Front and rear
(The front axle can be disengaged)
- 1.1.4. Braked axles (number, position) ----- 1, Rear
- 1.4. Reversible driving position ----- No
- 1.6. Tractor designed for driving on the ----- Right or Left

2. MASSES AND DIMENSIONS

- 2.1.1. Unladen mass(es) in running order
- maximum ----- 3,008 kg
- minimum ----- 2,915 kg
- 2.2.1. Maximum laden mass(es) of the tractor according to the tyre specification ----- kg
- 2.2.2. Distribution of that masses (those masses) among the axles :
- Axle 1 (front) / Axle 2 (rear) ----- 810 to 1,320 kg / Up to 2,105 kg
- 2.2.3.1. Mass(es) and tyre(s)

Axle No	Tyres (dimension)	Load Capacity(kg) (x2)	Technically Permissible maximum mass per axle(kg)	Maximum permissible vertical load on the coupling point(kg) (applicable Drawbar : R47DB/R47iDBT)
1	7-16 (4PR)	810	810	R47DB : 900kg R47iDBT : EU-R-Type1(350~450kg) EU-R-Type2(400~575kg)
2	11.2-24 (8PR)	2,220	2,105	
1	8-16 (4PR)	950	950	
2	12.4-24 (6PR)	2,180	2,105	
1	8-18 (4PR)	1,040	1,040	
2	13.6-24 (8PR)	3,230	2,105	

- 2.3. Ballast masses
Total weight ----- 101 kg
- Bumper ----- 21kg, FC25(DIN-GG25)
- Front Weight ----- 80kg(20kg x 4EA), FC25(DIN-GG25)
- 2.4. Technically permissible towable masses: R47DB / R47iDBT
- 2.4.1. Unbraked towable mass ----- 1,800kg / 1,400kg
- 2.4.2. Independently braked towable mass ----- 3,600kg / 2,800kg

- 2.4.3. Inertia braked towable mass ----- 3,600kg / 2,800kg
- 2.4.5. Total technically permissible mass(es) of the tractor-trailer combination
for each configuration of trailer braking R47DB / R47iDBT
- Unbroken towable ----- 4,715~4,808kg / 4,315~4,408kg
 - Independently braked trailer ----- 6,515~6,608kg / 5,715~5,808kg
 - Inertia braked trailer ----- 6,515~6,608kg / 5,715~5,808kg
- 2.4.6. Position of coupling point
- 2.4.6.1. Height of the coupling point above ground:
- 2.4.6.1.1. Maximum ----- 403mm
- 2.4.6.1.2. Minimum ----- 328mm
- 2.4.6.2. Distance from the vertical plane passing through the axis of the rear axle ----- 649mm
- 2.5. Wheelbase ----- 1,858mm
- 2.6. Minimum and maximum track
- Front Axle ----- 1,492~1,352mm
 - Rear Axle ----- 1,193~1,140mm
- 2.7.1. Length ----- 3,607mm
- 2.7.2. Width ----- 1,893~1,457mm
- 2.7.3. Height ----- 2,332~2,255mm

3. ENGINE

- 3.1.1. Make ----- LS Mtron Ltd.
- 3.1.3. Means of identification of type, location and method of the affixing ----- L4AL
(On the right side of crank case from flywheel)
- 3.1.6. Operating principle:-----compression ignition, indirect injection, 4-stroke
- 3.1.7. Fuel-----Diesel
- 3.2.1.2 Type ----- L4AL-T1-L 45.6kW
EC type-approval number:----- e4*97/68JA*2004/26*0307*00
- 3.2.1.6 Number of cylinders----- 4
- 3.2.1.7 Cylinder capacity: ----- 2,505cm³
- 3.6. Maximum net engine power -----
- 3.6.1. Rated net engine power -----45.6kW at 2,500rpm
(in accordance with Directive 97/68/EC)
- 3.6.2. Optional : Power at the power take-off(PTO), if any, at the rated speed(s)----- 45.0kW at 540rpm
(in accordance with OECD Code 1 or 2 or ISO 789-1:1990)



4. TRANSMISSION

- 4.5 Gearbox:
Number of ratios:
- forward ----- 4×4
- reverse ----- 4×4
- 4.7 Calculated maximum design speed ----- 28.9km/h at 2WD
- 4.7.1 Measured Maximum speed ----- 30.1km/h at 2WD

7. STEERING

- 7.1 steering category ----- Power-assisted

8. BRAKING (brief description of the braking system)

Mechanical Service and Parking brake

- 8.11.4.1 Overpressure at coupling (single-line) ----- N/A
- 8.11.4.2 Overpressure at coupling (two-line) ----- N/A

10. ROLL-OVER PROTECTION STRUCTURE, SEAT, LOAD PLATFORM

- 10.1. cab
- Make(s) ----- LS Mtron Ltd.
- EC type-approval mark(s) ----- e13*1322/2014*2016/1788U5S*00092*00
- 10.1.3 Roll-over hoop
- front
- fold-down
- Make(s) ----- N/A
- EC type-approval mark(s) ----- N/A
- 10.3.2 Passenger seat(s):
Number ----- N/A



- 10.4. Load platform ----- N/A
- 10.4.1. Dimensions ----- N/A
- 10.4.3. Technically permissible load ----- N/A

11. LIGHTING AND LIGHT-SIGNALING DEVICES

- 11.2. Optional devices
- 11.2.1 Main-beam headlamps ----- LHD: E3 01 52146CR (COBO) or E13*20R00*20R02*0821*00 (SEWOON)
C/R-E9-00.1687(MCA)
RHD: E13*20R00*20R02*9065*00(COBO) or E13*112R00*112R00*10013*00(SEWOON)
C/R-E9-00.6164(MCA)

12. MISCELLANEOUS

- 12.2. Mechanical coupling between the tractor and towed trailer:
- 12.2.1 Type ----- R47DB / R47iDBT
- 12.2.2 Make(s) ----- LS Mtron Ltd.
- 12.2.3 EC type approval mark(s) ----- S e4 0136 / S e4 0055
- 12.2.4 Maximum horizontal load (kg) ----- R47DB / R47iDBT
3,600kg / 2,800kg
Maximum vertical load (kg) (where appropriate) ----- 1500kg / Type 1: 350~450kg, Type 2: 400~575kg
- 12.3 Hydraulic lift: three-point coupling ----- Yes

13. EXTERIOR SOUND LEVEL

Directive 2009/63/EC, as last amendment by directive 2009/63/EC

- 13.1 stationary ----- 83.9dB(A)
- 13.2 moving ----- 83.5dB(A)

14. DRIVER-PERCEIVED SOUND LEVEL

Directive 2009/76/EC, as last amendment by directive 2009/76/EC ----- 89.4dB(A)

15 EXHAUST EMISSIONS

Directive 97/68/EC, as last amendment by directive 2004/26/EC, Stage IIIA

- 15.1 NRSC final test results inclusive of DP:
- CO ----- 1.309 g/kWh
- HC ----- g/kWh
- NOx ----- g/kWh
- HC + NOx ----- 5.171 g/kWh
- Particulates ----- 0.431 g/kWh
- CO₂ ----- g/kWh

15.2 NRTC/ETC/WHTC Final test results inclusive of DP:

CO -----
HC -----
NO_x -----
HC + NO_x -----
Particulates -----
hot cycle CO₂ -----
hot cycle work -----

16. Fiscal horsepower(s) or class(es)

Belgium	Bulgaria	Czech Republic
Denmark	Germany	Estonia
Ireland	Greece	Spain
France	Croatia	Italy
Cyprus	Latvia	Lithuania
Luxembourg	Hungary	Malta
Netherlands	Austria	Poland
Portugal	Romania	Slovenia
Slovakia	Finland	Sweden
United Kingdom		

17. Remarks

Optional tyre combinations (Masses and tyres):

Axle No.	Tyres (dimension)	Load capacity (kg) (x2)	Technically permissible maximum Mass on each axle (kg)	Maximum mass(es)
1	7-16 (4PR)	810	810	2915
2	11.2-24 (8PR)	2220	2105	
1	8-16 (4PR)	950	950	3008
2	12.4-24 (6PR)	2180	2105	
1	8-18 (4PR)	1040	1040	3008
2	13.6-24 (8PR)	3230	2105	
Optional tyre				
1	200/70R16	1340	1320	3008
2	300/70R20	2120	2105	
1	280/70R16	2240	1320	3008
2	360/70R24	3000	2105	
1	250/80R16	1600	1320	3008
2	360/70R24	3000	2105	
1	280/70R16	2240	1320	3008
2	380/70R24	3300	2105	
1	280/70R16	2240	1320	3008
2	320/85R24	3000	2105	
1	250/80R16	1600	1320	3008
2	380/70R24	3300	2105	
1	240/70R16	1800	1320	3008
2	380/70R20	3000	2105	
1	29x12.50-15 NHS	1551	1320	3008
2	41x14.00-20	2794	2105	
1	29x14.00-15	1551	1320	3008
2	22.5LL-16.1 6TL	3380	2105	
1	31x13.5-15	2360	1320	3008
2	44x18.00-20	3000	2105	
1	9.5-16 (6PR)	1450	1320	3008
2	13.6-24 (8PR)	3230	2105	