



Model for the certificate of conformity

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

Section I
MODEL A-COMPLETE VEHICLE

EU CERTIFICATE OF CONFORMITY

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

- 1.1. Make (trade name of the manufacturer): LS Mtron Ltd.
1.2. Type: i-SERIES
1.2.1. Variant(s): I36RFMT
1.2.2. Version(s): N/A
1.2.3. Commercial name(s) (if available): R36i
1.3. Category, subcategory and speed index of vehicle: T2a
1.4. Company name and address of manufacturer: LS Mtron Ltd.
127, LS-Ro, Dongan-Gu, Anyang-Si, Gyeonggi-Do, Korea
1.4.2. Name and address of manufacturer's authorised representative (if any): MOVITER Equipamentos SA
Parque Movicortes, 2404-006 Azoria, Leiria, Portugal
1.5.1. Location of the manufacturer's statutory plate: Front right side of tractor frame
1.5.2. Method of attachment: Riveting
1.6.1. Location of the vehicle identification number on the chassis: Front right side of tractor frame
2. Vehicle identification number: KLJ21091AMJ019627 Right side of tractor frame

conforms in all respects to the type described in EU type-approval e13*167/2013*00061*01
issued on 15 November 2018
and can be permanently registered in Member States having right-hand traffic and using metric/imperial units for the speedometer

Wanju-Gun, Jeollabuk-Do, Korea
Place

01 November 2021
Date

Joong-suk, Lee
Signature
LS Mtron Ltd
Mike DY Kim / Senior Director
LS Mtron



Section2
Model 1 – VEHICLE CATEGORY T
(COMPLETE VEHICLE)

General construction characteristics

- 3.3.1. Number of axles and wheels: ----- 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, Front
- 3.3.4. Number and position of powered axles: -----2, Front and rear when 4WD is engaged
1, Rear when 4WD is disengaged
- 3.3.5. Number and position of braked axles: -----2, Front and rear when 4WD is engaged
1, Rear when 4WD is disengaged
- 3.4.1. Crawler undercarriage configuration: set of track trains at front/set of track trains at rear/set of track trains at front and rear/continuous track train at each side of the vehicle: ----- N/A
- 3.4.3. Number and position of braked set of track trains: ----- N/A
- 3.4.4. Steering by ----- N/A
- changing the speed between the left-hand side and right-hand side track trains: yes/no
- pivoting of two opposite or all four track trains: yes/no
- articulation of the front and rear part of the vehicle around a central vertical axis: yes/no
- articulation of the front and rear part of the vehicle around a central vertical axis and by changing the direction of the wheels on the wheeled axle: yes/no
- 3.5.2. Type of chassis: backbone/central tube/ladder/articulated/chassis with side members/other (if other: specify ...): ----- Chassis with side members

Constructions characteristics for special purposes

- 47.1. Vehicle equipped with falling object protective structures(FOPS) for forestry applications: -----
T- and C-category vehicles equipped for forestry applications
- 47.2. Vehicle equipped with falling object protective structures(FOPS) for other applications than forestry: -----
All other T- and C-category vehicles fitted with FOPS
- 55.1. Vehicle equipped with protection against penetrating objects(OPS) for forestry applications: -----
T- and C-category vehicles equipped for forestry applications
- 55.2. Vehicle equipped with protection against penetrating objects(OPS) for other applications than forestry: -----
All other T - category vehicles fitted with OPS
- 58.3. Requirements under standard EN 15695-2(Agricultural tractors and self-propelled sprayers – Protection of the operator(driver) against hazardous substances – Part 2: Filters, requirements and test procedures):
Dust filter/Aerosol filter/Vapour filter on filters with regard to protection against hazardous substances are met with relevant documentation included in the information document: yes/no: ----- N/A
- 59. FOR T CATEGORY VEHICLES, MACHINERY MOUNTED ON THE VEHICLE: ----- N/A
- 59.1. General description of the machinery and its inter-action with the vehicle: ----- N/A



Masses

4.1.1.1. Unladen mass(es) in running order

4.1.1.1.1. Maximum: ----- 1,365kg

4.1.1.1.2. Minimum: ----- 1,335kg

4.1.2.1. Technically permissible maximum laden mass(es): ----- see point 4.1.2.2

4.1.2.1.1. Technically permissible maximum mass(es) per axle: ----- see point 4.1.2.2

4.1.2.2. Mass(es) and tyre(s): -----

Tyre combination No	Axle No	Tyre dimension including 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 [mm]	
								Minimum	Maximum
1	F	7-14 (4PR) 73 A6	322	370	740	2275	i38DB : 1000kg i38DBT : 350-600kg	1075	1075
	R	11.2-24 8PR 115 A6	533	1235	1755			1082	1338
2	F	7-16 4PR 76 A6	347	405	810	2275	i38DB : 1000kg i38DBT : 350-600kg	1075	1075
	R	12.4-24 8PR 120 A6 (S22)	560	1445	1755			1082	1338
		12.4-24 8PR 120 A6 (HS632)	560	1445	1755				
3	F	7.00-12 6PR 83 A6 (AG)	316	487	974	2275	i38DB : 1000kg i38DBT : 350-600kg	1158	1158
	R	320/70R24 116 A8 (AG)	521	1250	1755			1039	1039
4	F	25x8.50-14NHS 4PR (TURF)	301	599	1120	2275	i38DB : 1000kg i38DBT : 350-600kg	1214	1214
	R	41x14.00-20NHS 4PR (TURF)	509	1395	1755			1076	1076
5	F	300/65-12 110 A8	304	1060	1120	2275	i38DB : 1000kg i38DBT : 350-600kg	1330	1330
	R	425/70-18 143 B	501	2725	1755			1185	1185
6	F	240/60R12 89 A8	281	580	1120	2275	i38DB : 1000kg i38DBT : 350-600kg	1240	1240
	R	320/70R20 113 A8	466	1150	1755			1161	1161
7	F	6-14 4PR 66 A6	317	305	610	2275	i38DB : 1000kg i38DBT : 350-600kg	1075	1075
	R	9.5-24 6PR 105 A6	515	940	1755			1082	1338
8	F	200/70R16 94 B	328	720	1120	2275	i38DB : 1000kg i38DBT : 350-600kg	1075	1075
	R	320/70R24 116 B	516	1340	1755			1082	1338
9	F	240/70R16 104 B	354	965	1120	2275	i38DB : 1000kg i38DBT : 350-600kg	1075	1075
	R	380/70R24 125 B	560	1770	1755			1082	1338

(*) According to the tyre specification.

(**) Load transmitted to the reference centre of the coupling under static conditions, irrespective to the coupling device; if the maximum permissible vertical load on the coupling point depending on the coupling is indicated in this table, expand the table at the right side and indicate the identification of the coupling device in the header of the column; for R- or S-category vehicles this column(s) concerns the rear coupling devices if there is such a device.

(***) Value to be provided only if the maximum permissible vertical load on the coupling point is lower than indicated in entries 38.3 and 38.4.

4.1.2.3. Mass(es) and crawler undercarriage: ----- N/A

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

For i38DB

Brake \ R-and S category vehicle	Drawbar	Rigid drawbar	Centre-axle
Unbraked(*)	N/A	N/A	N/A
Inertia braked	3380kg	3380kg	3380kg
Hydraulic braked	N/A	N/A	N/A
Pneumatic braked	N/A	N/A	N/A

For i38DBT

Brake \ R-and S category vehicle	Drawbar	Rigid drawbar	Centre-axle
Unbraked(*)	N/A	N/A	N/A
Inertia braked	2800kg	2800kg	2800kg
Hydraulic braked	N/A	N/A	N/A
Pneumatic braked	N/A	N/A	N/A

4.1.4. Total technically permissible mass(es) of combination with a towed vehicle(R- or S- category vehicle) for each chassis/braking configuration of the R- or S-category vehicle:

For i38DB

Brake \ R-and S category vehicle	Drawbar	Rigid drawbar	Center-axle
Unbraked	N/A	N/A	N/A
Inertia braked	5655kg	5655kg	5655kg
Hydraulic braked	N/A	N/A	N/A
Pneumatic braked	N/A	N/A	N/A

For i38DBT

Brake \ R-and S category vehicle	Drawbar	Rigid drawbar	Center-axle
Unbraked	N/A	N/A	N/A
Inertia braked	5075kg	5075kg	5075kg
Hydraulic braked	N/A	N/A	N/A
Pneumatic braked	N/A	N/A	N/A

Ballast masses

29.2. Number of sets of ballast masses: See point 29.4

29.2.1. Number of components on each set: Set1: ... Set2: ... Set ...: See point 29.4

29.4. Total mass of ballast masses: ... kg:

No	Front ballasts	Rear ballasts(**)	Total mass(es) (kg)	Front mass (kg)	Rear mass (kg)
1	4-front ballast masses (*)	N/A	80	114	-34

* Front ballasts mass : 20kg/each plate

** Rear ballasts mass : N/A



Main dimensions

4.2.1. For incomplete vehicles

- 4.2.2.1.1. Length for on-road use: ----- maximum: 3,356mm / minimum: 3,356mm
- 4.2.2.1.2. Width for on-road use: ----- maximum: 1,658mm / minimum: 1,358mm
- 4.2.2.1.3. Height for on-road use: ----- maximum: 2,343mm / minimum: 2,249mm
- 4.2.2.5. Wheelbase: ----- 1,674mm
- 4.2.2.8. Track width: ----- maximum: 1,330mm for front wheel, 1,338mm for rear wheel
minimum: 1,075mm for front wheel, 1,039mm for rear wheel

General powertrain characteristics

- 5.1.1.1. Declared maximum design vehicle speed: ----- 25.5km/h
- 5.1.2.1. Declared rearward maximum design vehicle speed: ----- 24.3km/h
- 5.2. Rated engine net power: (UNECE R120) ----- 28.3kW - 2700min⁻¹
- 5.3. Maximum engine net power: (UNECE R120) ----- 28.3kW - 2700min⁻¹
- 5.5. Fuel type: ----- B5(Diesel)

Engine

- 2.1. Make(s) (trade name(s) of manufacturer): ----- Mitsubishi Heavy Industries, Ltd
- 2.2. Type: ----- S4L2-28/2700
- 2.2.2. Type-approval number without extension: ----- e11*97/68KA*2004/26*0083*05
- 2.5.2. Manufacturer's type coding (as marked on the engine or other means of identification): -----
- 6.1. Cycle: ----- four stroke
- 6.4. Number and layout of cylinders: ----- 4, LI(in-line), vertical
- 6.5. Engine capacity: ----- 1,758cm³
- 7.1.1. Combustion cycle: positive ignition/compression ignition: ----- compression ignition



Gearbox

11.2.8. Type of gear shift system(s): ----- Mechanical lever and linkage

Steering

13.2. Steering category: ----- Power-assisted

Braking

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

43.5.1. Braking transmission: ----- Mechanical

43.5.3. Locking of left and right braking controls: ----- Lock with brake pedal lock pin

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: ... kPa Two lines ... kPa ----- N/A

43.6.4.2. Supply pressure Pneumatic: ... Two lines: ... kPa ----- N/A

43.6.5. Presence of ISO 7638:2003 connector: ----- yes/no

Rollover protective structure (ROPS)

2.1. Make(s) (trade name(s) of manufacturer): ----- LS Mtron Ltd.

2.2.2. Type-approval number(s) (if available): ----- e13*1332/2014*2018/830U5S*00090*01

46.1. Equipment of ROPS: ----- compulsory/optional/standard

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

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

46.2.2. In the case of foldable roll bar: -----

46.2.2.1. Folding operation: non-assisted / partially assisted / fully assisted ----- None-assisted

46.2.2.2.1. Hand operated foldable ROPS: with tools / without tools: ----- With tools

46.2.2.4. Locking mechanism: manual/automatic: ----- Manual

Seating position(saddles and seats)

- 49.1. Seating position configuration: -----Seat
- 49.4.2. Driver's seat type category: ----- Category A, class II for Woonchang(W10SSS)
- 49.4.3. Reversible driving position: ----- No
- 49.5.1. Number of passenger seats: -----N/A

Load platform(s)

- 33.1.1. Length of the load platform(s): ... mm: -----N/A
- 33.1.2. Width of load platform(s): ... mm: -----N/A
- 33.1.3. Height of load platform(s) above the ground: ... mm: -----N/A
- 33.2. Safe load carrying capacity of load platform(s) declared by manufacturer: ... kg: -----N/A

Mechanical couplings

- 38.3. Rear mechanical coupling: -----

Type (according to Appendix 1 to Annex XXXIV to Commission Delegated Regulation (EU) 2015/208)		No-swivel Clevis Coupling	Tractor drawbar	
Make		LS Mtron Ltd.		
Manufacturer's type designation		i38DB	i38DBT	
(EU) type-approval mark or -number		e13*2015/208*2016/1788 NS*00043*00	e13*2015/208*2016/1788 NS*00044*00	
Maximum horizontal load/D-Value: ... kg/kN		N/A	N/A	
Towable mass (T)		3.6tonnes	2.8tonnes	
Maximum permissible vertical load on the coupling point		1000kg	350kg(Short position) 600kg(Long position)	
Position of coupling point	height above ground	minimum	386mm	315mm
		maximum	386mm	415mm
	distance from vertical plane passing through the axis of the rear axle	minimum	325mm	558mm
		maximum	325mm	658mm

Three-point lifting mechanism

- 39.1. Three-point lifting mechanism: -----Rear mounted
- 39.2. Maximum towable mass: ... kg: ----- 650kg