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EU CERTIFICATE OF CONFORMITY

for complete vehicles
according to Regulation (EU) No. 167/2013 amended by
COMMISSION DELEGATED REGULATION (EU) No 2019/519
Type : 15SN

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

Section1
MODELA-COMPLETE VEHICLE

EU CERTIFICATE OF CONFORMITY

The undersigned: Kwang Hoon Jung / Quality Assurance Team
hereby certify that the following tractor:

1.1.	Make (trade name of the manufacturer) : TYM or TYM CORPORATION or URSUS or SHIBAURA or S.C. IRUM S.A	
1.2.	Type:	15SN
1.2.1.	Variant(s):	BMBR
1.2.2.	Version(s): ----------	N/A
1.2.3.	Commercial name(s) (if available):	F36Rn
1.3.	Category, subcategory and speed index of vehicle:	T2a
1.4.	Company name and address of manufacturer:	
	TYM CORPORATION or TYM 2,3F Daeyong B/D, 7, Eonju-ro 133-gil, Gangnam-gu, Seoul, KOREA	
1.4.2.	Name and address of manufacturer's authorised representative (if any):	
	HYDRO-MASZ SP.Z O.O.SP.K.Zapole 79/5 98-275 Brzeznio, POLAND	
1.5.1.	Location of the manufacturer's statutory plate:	Riveted on the Right side of Front 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: ----------	KMC0F36MHRFPC0003

conforms in all respects to the type described in EU type-approval e6*167/2013*00124*01 issued on 15 DECEMBER. 2023, and can be permanently registered in Member States having right-hand traffic and using metric/imperial units for the speedometer

Okcheon, Korea	29.05.2024.	
Place	Date	Signature

TYM CORPORATION
HI YONG KIM / CHAIRMAN

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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: 1, Rear : braked axle

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: ---------- N/A

47.2. Vehicle equipped with falling object protective structures(FOPS) for other applications than forestry: ---------- N/A

55.1. Vehicle equipped with protection against penetrating objects(OPS) for forestry applications: ---------- N/A

55.2. Vehicle equipped with protection against penetrating objects(OPS) for other applications than forestry: ---------- N/A

58.3. Vehicle equipped with a cab classified for protection against hazardous substances of category 2/3/4/ and a Dust filter~~/Aerosol filter/Vapour filter~~ with regard to protection against hazardous substances: ---------- N/A

59. Vehicle with machinery mounted on it: ---------- N/A

59.1. General description of the machinery and its inter-action with the vehicle: ---------- N/A

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Masses

4.1.1.1. Unladen mass(es) in running order

4.1.1.1.1. Maximum: ----------BMBR : 1,519kg

4.1.1.1.2. Minimum: ---------- BMBR : 1,519kg

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): ----------

***R

No.	Axle No	Tyre dimension including load capacity index and speed category symbol	Roll-ing radius (mm)	Tyre Load rating per tyre [kg]	Maximum permissible mass per axle [kg](*)	Maximum permissible mass of the vehicle [kg](*)		permissible vertical load on the coupling point [kg] (*)(**)(***)	Track width (mm)
1	F	7-16/6PR 84 A6	345	500	900	900#	2560#	500 or 2000	1103
	R	11.2-24/8R 115 A6	508	1215	2000	1660#			1024
2	F	8-16/4PR 82 A6	370	475	900	900#	2560#	500 or 2000	1103
		8-16/4PR 83 A6		487					
	R	12.4-24/6PR 114 A6	532	1180	2000	1660#			1024
		12.4-24/6PR 117 A8		1285					
3	F	280/70R16 112 A8	363	1120	900	900#	2560#	500 or 2000	1307
	R	380/85R24,131,A8	545	1950	2000	1660#			1120
4	F	215/70R16 100 T	330	800	900	900#	2560#	500 or 2000	1242
	R	44x18.00-20 123 B	521	1550	2000	1660#			1112
-5	F	215/70R16 100 T	330	800	900	900#	2560#	500 or 2000	1242
	R	11.2-24/8R 115 A6	508	1215	2000	1660#			1024
6	F	260/70R16 109 A8	346	1030	900	900#	2560#	500 or 2000	1287
	R	420/70R24 127 A8	545	1750	2000	1660#			1148
7	F	10-16.5 124 A2	350	1620	900	900#	2560#	500 or 2000	1281
	R	420/70R24 127 A8	545	1750	2000	1660#			1144
8	F	240/70R16 104 A8	335	900	900	900#	2560#	500 or 2000	1267
	R	320/70R24 116 A8	502	1250	2000	1660#			1060
9	F	240/70R16 104 A8	335	900	900	900#	2560#	500 or 2000	1267
	R	340/85R24 125 A8	540	1650	2000	1660#			1080
10	F	240/70R16 104 A8	335	900	900	900#	2560#	500 or 2000	1267
	R	360/70R24,122,A8	525	1500	2000	1660#			1100
11	F	27x8.50-15 99 A4	314	775	900	900#	2560#	500 or 2000	1320
	R	41x14.00-20 120 A4	485	1400	2000	1660#			1147
12	F	200/70R16 94 A8	343	670	900	900#	2560#	500 or 2000	1263
	R	300/80R24 128 A8	545	1800	2000	1660#			1147

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(*) 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

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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	Center-axle
Unbraked	1920kg	1920kg	1920kg
Inertia braked	3500kg	3500kg	3500kg
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:

R-and S category vehicle / Brake	Drawbar	Rigid drawbar	Center-axle
Unbraked	4480kg	4480kg	4480kg
Inertia braked	6060kg	6060kg	6060kg
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 below table

29.2.1. Number of components on each set: Set1: … Set2: … Set …: ---------- see below table

29.4. Total mass of ballast masses: … kg: ---------- see below table

No.	Front ballasts	Total mass(es) (kg)	Front masses (kg)	Rear masses (kg)
1	6-front ballast masses (*)	102	153	-51

* Front ballast mass : 17kg/each plate

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Main dimensions

4.2.1.	For incomplete vehicles	
4.2.1.1.	Permissible length for the completed vehicle:	N/A
4.2.1.2.	Permissible width for the completed vehicle:	N/A
4.2.1.3..	Height (in running order): maximum … mm minimum … mm:	N/A
4.2.2.	For complete vehicles	
4.2.2.1.1.	Length for on-road use:	maximum: 3,429mm
4.2.2.1.2.	Width for on-road use:	maximum: 1,511mm / minimum: 1,279mm
4.2.2.1.3.	Height for on-road use:	maximum: 2,515mm / minimum: 2,420.5mm
4.2.2.5.	Wheelbase:	1,670mm
4.2.2.8.	Track width:	see point 4.1.2.2

General powertrain characteristics

5.1.1.1.	Declared maximum design vehicle speed:	BMBR : 28.7 km/h
5.1.2.1.	Declared rearward maximum design vehicle speed:	BMBR : 27.6 km/h
5.2.	Rated engine net power:	BMBR : 26 kw
5.3.	Maximum engine net power:	BMBR : 26 kw / 2,600min^{-1}
5.5.	Fuel type:	B5(Diesel)

Engine

2.1.	Make(s) (trade name(s) of manufacturer):	TYM or TYM CORPORATION.
2.2.	Type:	BMBR : T1700N2
2.2.2.	Type-approval number without extension:	e6*2016/1628*2016/1628EV3/D*0001*00
2.5.2.	Manufacturer's type coding (as marked on the engine or other means of identification):	BMBR : T1700N2
6.1.	Cycle:	four stroke
6.2.3.1.	Number and layout of cylinders:	3 cylinder, LI(In-line)
6.5.	Engine capacity:	BMBR : 1,715cm^3
7.1.1.	Combustion cycle: positive ignition/compression ignition:	4 Cycle

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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: ---------- N/A

43.5.1. Braking transmission: ---------- Mechanical

43.5.3. Locking of left and right braking controls: ---------- BMBR : Yes

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):TYM or TYM CORPORATION or URSUS or SHIBAURA or S.C. IRUM S.A

2.2.2. Type-approval number(s) (if available): ---------- e6*1322/2014*2018/830U5S*00045*00

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

46.2. ROPS by cab/by frame/by roll bar(s) mounted at front/rear: ---------- ***R: roll-bar(s) 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: ---------- N/A

46.2.2.1. Folding operation: non-assisted / partially assisted / fully assisted ---------- BMBR: partially 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

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Seating position(saddles and seats)

49.1. Seating position configuration: ---------- Seat

49.4.2. Driver's seat type category: ----------
Category A, class II for WOOCHANG

49.4.3. Reversible driving position: ---------- ~~yes~~/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)			Tractor drawbar	Non-automatic trailer coupling
Make			TYM or TYM CORPORATION or SHIBAURA or S.C. IRUM S.A	Scharmuller
Manufacturer's type designation			15SD	3206
(EU) type-approval mark or -number			e6*2015/208*2018/829 NS*00092*00	e1*2015/208*2015/208 ND*00276*00
Maximum horizontal load(D-Value)			N/A	82.4kN
Towable mass (T)			3.5 tonnes	N/A
Maximum permissible Vertical load on the coupling point			500kg	2000kg
Position of coupling point	height above ground	minimum	208.5mm	195mm
		maximum	390.5mm	446mm
	Distance from vertical plane passing through the axis of the rear axle	minimum	535mm	540mm
		maximum	535mm	540mm

Three-point lifting mechanism

39.1. Three-point lifting mechanism: ---------- Rear mounted

39.2. Maximum towable mass: … kg: ----------1,500kg

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Additional coupling points

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

Power take-off(s)

51.2. Main PTO: position: front/rear/other (if other specify: …): ----------rear

51.3. Secondary PTO: position: front/rear/other (if other specify: …) ----------

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

Rated speed PTO (min^{-1})	Corresponding engine speed (min^{-1})	Power (kW)
		B***
1-540	2600	22
2-540ECO	1760	22

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[1]

Moving	78dB(A)
Stationary	84dB(A)
Engine speed	2,850rpm

Driver-perceived sound level

Measured according to Annex XIII to Commission Delegated Regulation (EU) No 1322/2014, as last amended by Commission Delegated Regulation (EU) 2018/830[1]

Driver's exposure to noise level	88.4dB(A)
Test method used	Test method 1

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Results of exhaust emission tests (inclusive of Deterioration Factor)

Measured according to:

- Commission Delegated Regulation (EU) 2018/985: No ; or
- Regulation (EU) 2016/1628 of the European Parliament and of the Council : Yes ; or
- Regulation (EC) No 595/2009 of the European Parliament and of the Council : No
- NRSC/~~ESC/WHSC~~[1] final test results (inclusive of Deterioration Factor) :

**B*

Variant/Version	Injector: DOOWON	Injector: WEIFU
CO (g/kWh)	0.011	0.11
HC (g/kWh)	0.006	0.006
Nox (g/kWh)	3.852	3.820
HC+NOx (g/kWh)	3.858	3.826
PM (g/kWh)	0.0036	0.0049
PN (#/kWh)	5.46×10^{11}	3.03×10^{11}

- Non-road transient test cycle: NRTC/~~ETC/WHTC~~[1] final test results (inclusive of Deterioration Factor)
- **B*

Variant/Version	Injector: DOOWON	Injector: WEIFU
CO (g/kWh)	0.046	0.072
HC (g/kWh)	0.016	0.023
Nox (g/kWh)	4.301	4.343
HC+NOx (g/kWh)	4.317	4.366
PM (g/kWh)	0.0061	0.0071
PN (#/kWh)	9.01×10^{11}	8.17×10^{11}

Comments: ----------