

EU CERTIFICATE OF CONFORMITY
for complete vehicles
according to Regulation (EU) No. 167/2013 amended by
COMMISSION DELEGATED REGULATION (EU) No 2018/830
Type : 25S

MODEL

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) 2018/985 ^{(1) (3)}; No or
- Regulation (EU) 2016/1628 of the European Parliament and of the Council, as last amended by (Commission Delegated) ⁽¹⁾ Regulation (EU) 2016/1628 (of the European Parliament and of the Council) ^{(1) (4)}; Yes; or
- Regulation (EC) No 595/2009 of the European Parliament and of the Council, as last amended by (Commission Delegated) ⁽¹⁾; No

Final test results (inclusive of Deterioration Factor) :

NRSC/ESC/WHSC final test results (inclusive of Deterioration Factor):

****C***

Variant/Version	Injector: DOOWON	Injector: WEIFU
CO (g/kWh)	0.022	0.021
HC (g/kWh)	0.025	0.032
Nox (g/kWh)	3.869	3.903
HC+NOx (g/kWh)	3.894	3.935
PM (g/kWh)	0.001	0.006
PN (#/kWh)	2.39x10 ¹¹	2.48x10 ¹⁰

Non-road transient test cycle: NRTC/ETC/WHTEC (1) final test results (inclusive of Deterioration Factor)

****C***

Variant/Version	Injector: DOOWON	Injector: WEIFU
CO (g/kWh)	0.052	0.067
HC (g/kWh)	0.027	0.038
Nox (g/kWh)	4.255	4.248
HC+NOx (g/kWh)	4.282	4.286
PM (g/kWh)	0.006	0.002
PN (#/kWh)	8.90x10 ¹⁰	1.52x10 ¹¹

Comments:

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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: ...) ----- N/A

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)
1-540	2600	37.8
2-540E	1760	

Results of the sound level test(external)

Measured in accordance with Annex II to Commission Delegated Regulation (EU) 2018/985, as last amended by Commission Delegated Regulation (EU) .../...⁽¹⁾⁽³⁾

Moving (dB(A)):	83
Stationary (dB(A)):	83
Engine speed (min ⁻¹):	3000

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⁾⁽³⁾

Driver's exposure to noise level (dB(A))	88.6dB(A)
Test method used	Test method 1

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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
- 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
Make			KUKJE or KUKJEMACHINERY Co., Ltd or Branson or URSUS or SHIBAURA or S.C.IRUM S.A
Manufacturer's type designation			25SDW
(EU) type-approval mark or -number			e5*2015/208*2018/829NS*00031*00
Maximum horizontal load/D-Value			N/A
Towable mass (T)			4tonnes
Maximum permissible vertical load on the coupling point			700kg
Position of coupling point	height above ground	minimum	238
		maximum	391
	distance from vertical plane passing through the axis of the rear axle	minimum	588
		maximum	588

Tree-point lifting mechanism

- 39.1. Three-point lifting mechanism: ----- Rear mounted
- 39.2. Maximum towable mass: ... kg: ----- 1,500kg

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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: ----- Lock with brake pedal lock plate

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): ----- KUKJE or KUKJEMACHINERY Co., Ltd or Branson

2.2.2. Type-approval number(s) (if available): ----- e5*1322/2014*2018/830U3*00057*01

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

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

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

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

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

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Main dimensions

- 4.2.1. For incomplete vehicles ----- N/A
- 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: 3,421mm
- 4.2.2.1.2. Width for on-road use: ----- maximum: 1,814mm / minimum: 1,460mm
- 4.2.2.1.3. Height for on-road use: ----- maximum: 2,463mm / minimum: 2,310mm
- 4.2.2.5. Wheelbase: ----- 1,806mm
- 4.2.2.8. Track width ----- Front 1,415mm/Rear 1,205mm

General powertrain characteristics

- 5.1.1.1. Declared maximum design vehicle speed: ----- 28.7 km/h
- 5.1.2.1. Declared rearward maximum design vehicle speed: ----- 28.7 km/h
- 5.2. Rated engine net power: ----- 43 kw
- 5.3. Maximum engine net power: ----- 43.5 kw
- 5.5. Fuel type: ----- B5(Diesel)

Engine

- 2.1. Make(s) (trade name(s) of manufacturer): -----KUKJE MACHINERY Co., Ltd
- 2.2. Type: ----- A2300T3
- 2.2.2. Type-approval number without extension: ----- e5*2016/1628*2016/1628*EV4/D*1098*00
- 2.5.2. Manufacturer's type coding (as marked on the engine or other means of identification): ----- A2300T3
- 6.1. Cycle: ----- four stroke
- 6.1.7 category and sub-category of the engine: ----- NRE-v-4
- 6.4. Number and layout of cylinders: ----- 4 cylinder, L1(in-line)
- 6.5. Engine capacity: ----- 2287cm³
- 7.1.1. Combustion cycle: positive ignition/compression ignition: ----- four stroke cycle

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

Brake \ R-and S category vehicle	Drawbar(kg)	Rigid drawbar(kg)	Center-axle(kg)
Unbraked(*)	2320	2320	2320
Inertia braked	4000	4000	4000
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:

Brake \ R-and S category vehicle	Drawbar(kg)	Rigid drawbar(kg)	Center-axle(kg)
Unbraked(*)	5470	5470	5470
Inertia braked	7150	7150	7150
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	Rear ballasts	Total mass(es) (kg)	Front masses (kg)	Rear masses (kg)
1	6-front ballast masses (*)	N/A	+102	+153	-51

* Front ballast mass : 17kg/each plate

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	R	320/70R24 116 A8	502	1250	2217		2360	2500		1171
11	F	200/70R16 94 A8	313	670	933	3150	950	1340	700	1384
	R	320/85R24 122 A8	518	1595	2217		2360	3190		1171
12	F	240/70R16 104 A8	335	900	933	3150	950	1800	700	1429
	R	340/85R24 125 A8	540	1650	2217		2360	3300		1221
13	F	240/70R16 104 A8	335	900	933	3150	950	1800	700	1384
	R	320/70R20 113 A8	446	1150	2217		2360	2300		1171
14	F	240/70R16 104 A8	335	900	933	3150	950	1800	700	1429
	R	320/85R24 122 A8	518	1495	2217		2360	2990		1221
15	F	240/70R16 104 A8	335	900	933	3150	950	1800	700	1429
	R	360/70R20 120 A8	470	1850	2217		2360	3700		1219
16	F	260/70R16 109 A8	346	1030	933	3150	950	2060	700	1429
	R	340/85R24 125 A8	540	1650	2217		2360	3300		1221
17	F	260/70R16 109 A8	346	1030	933	3150	950	2060	700	1384
	R	360/70R20 120 A8	470	1850	2217		2360	3700		1171
18	F	260/70R16 109 A8	346	1030	933	3150	950	2060	700	1445
	R	360/70R24 122 A8	525	1500	2217		2360	3000		1219
19	F	260/70R16 109 A8	346	1030	933	3150	950	2060	700	1384
	R	380/70R20 132 A8	482	2140	2217		2360	3000		1171
20	F	280/70R16 112 A8	363	1120	933	3150	950	2240	700	1334
	R	380/70R24 125 A8	538	1650	2217		2360	3330		1253
21	F	280/70R18 114 A8	386	1180	933	3150	950	2360	700	1334
	R	380/70R24 125 A8	540	1650	2217		2360	3300		1253
22	F	280/70R18 114 A8	388	1180	933	3150	950	2360	700	1334
	R	380/70R28 127 A8	592	1750	2217		2360	3500		1253

(*) 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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Masses

4.1.1.1. Unladen mass(es) in running order

4.1.1.1.1. Maximum: ----- 2026kg

4.1.1.1.2. Minimum: ----- 1951kg

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): -----

No.	Axle No	Tyre dimension including load capacity index and speed category	Roll-ing radius (mm)	Tyre Load rating per tyre [kg]	Maximum permissible mass of the vehicle		Maximum Permissible Mass per axle [kg](*)	Maximum Permissible Mass per tyre [kg](*)	permissible vertical load on the coupling point [kg](*)(**)(***)	Track width(mm)
1	F	7-16/6PR 84 A6	345	500	933	3150	950	1000	700	1280
	R	12.4-24/6PR 114 A6	532	1180	2217		2360	2360		1150
2	F	8-16/4PR 82 A6	370	475	933	3150	950	950	700	1310
	R	13.6-24/8PR 124 A6	560	1600	2217		2360	3200		1180
3	F	8-18/8PR 99 A6	391	775	933	3150	950	1550	700	1270
	R	13.6-24/8PR 124 A6	560	1600	2217		2360	3200		1220
4	F	9.5-16/6PR 96 A6	383	710	933	3150	950	1420	700	1415
	R	13.6-26/8PR 123 A6	596	1550	2217		2360	3200		1205
5	F	305/70-16.5 (12-16.5/6PR) 130 A2	359	1915	933	3150	950	3830	700	1579
	R	17.5L24/6PR 132 A6	560	2000	2217		2360	4000		1307
6	F	265/70-16.5 (10x16.5 IND) 124 A2	350	1610	933	3150	950	3220	700	1440
	R	420/70R24 127 A8	545	1750	2217		2360	2800		1304
7	F	27x8.5x15 99 A4	314	775	933	3150	950	1550	700	1486
	R	41x14x20 120 A4	485	1400	2217		2360	2800		1104
8	F	29x12.5-15 90 B	336	600	933	3150	950	1200	700	1360
	R	44x18x20 123 B	521	1550	2217		2360	3100		1185
9	F	200/70R16 94 A8	343	670	933	3150	950	1340	700	1384
	R	320/70R20 113 A8	446	1150	2217		2360	2300		1171
10	F	200/70R16 94 A8	343	670	933	3150	950	1340	700	1384

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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: ----- Yes
- 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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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: _____ Seung Hyun Son / Quality Assurance Team
hereby certify that the following tractor:

- 1.1. Make (trade name of the manufacturer) : S.C. IRUM S.A.
- 1.2. Type: 25S
- 1.2.1. Variant(s): CHCC
- 1.2.2. Version(s): ----- N/A
- 1.2.3. Commercial name(s) (if available): IRUM TAG 60Ch
- 1.3. Category, subcategory and speed index of vehicle: T1a
- 1.4. Company name and address of manufacturer:
KUKJE MACHINERY Co., Ltd. 49 Seobu-ro, Okcheon-eup, OKcheon-gun, Chungcheongbuk-do Korea
- 1.4.2. Name and address of manufacturer's authorised representative (if any):
Weber Geräte GmbH
Alte Eisenstraße 27-29, 57258 Freudenberg, Germany
- 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: **KMC0060GLFCGA0013**

conforms in all respects to the type described in EU type-approval e5*167/2013*00042*01 issued on 17 JUNE 2021 can be permanently registered in Member States having right-hand traffic and using metric/imperial units for the speedometer

Okcheon, KOREA
Place

July 20, 2021
Date


Signature