

Engine V1505

Engine power 26,1 kW - 35,5 HP

Operating Weight 1.830 kg

ESK 130.5

Concrete solutions. Always



TECHNICALS SPECIFICATIONS

ENGINE

Manufacturer		KUBOTA V1505 - EU Stage IIIA
Type		Aspirated at indirect injection
Max power	kW- HP	26,1 - 35,5 a 2.500 rpm
Max torque	Nm	95 a 2.200 rpm
Displacement	cc	1.498
Cylinders	n°	4 in line
Cooling system		water
Filtering	dry, with main cartridge, security and obstruction gauge	

TRANSMISSION

Type	Hydrostatic with double pump and 4 gearboxes on the wheels type TRASMITAL-DANFOSS	
Speed	km/h	0 ÷ 12
Traction force	daN	1.400

CONTROLS

Type	Ergonomic joystick with security block on board	
Translation	Driven by left joystick	
Services	Driven by right joystick for lifting and bucket	
Arrangement for fittings (standard)	By pedal with trigger mechanism; 43 lt/min at 180 bar	
Lifting mechanism	Self-levelling system for bucket (standard)	

BRAKES

Service brakes	Hydrostatic	
Parking brakes	Negative with multiple disks into oil bath, integrated on the rear gearboxes at electrohydraulic control	
Emergency brakes	Electrohydraulic, acting on the parking brakes (integrated on the rear gearboxes)	

ELECTRIC SYSTEM

Battery	V (Ah)	12 (74/680)
Alternator	V (A)	12 (30)

HYDRAULIC SYSTEM

Pump	n.1 with gears for services	
Max capacity	lt/min	43
Pressure	bar	180
Distributor	controlled by joystick "combined type"	
Optional High Flow	lt	65

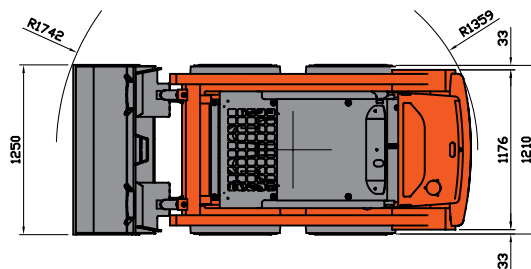
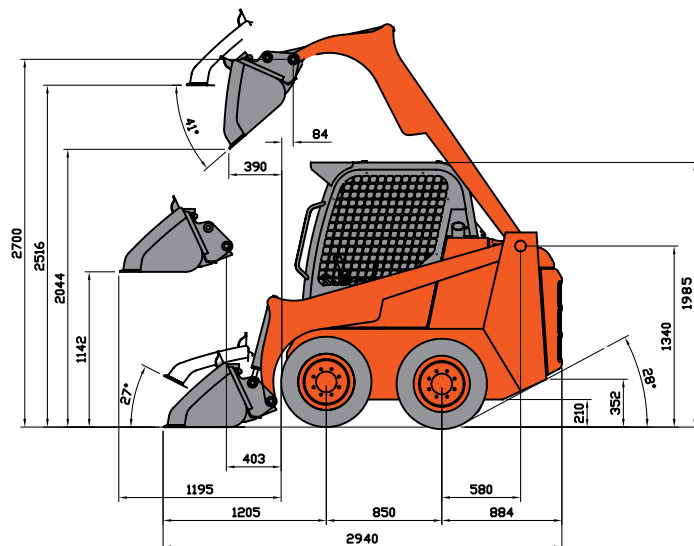
CAPACITIES

Engine oil	kg	5,0
Water coolant	lt	12
Fuel tank	lt	48
Hydraulic oil tank	lt	44
Hydraulic circuit	lt	15

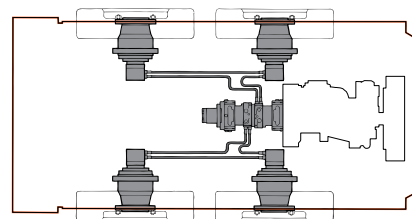
LIFTING DATA

Machine weight	kg	1.830
Upsetting load	kg	750
Useful carrying capacity	kg (m³)	490 (0.28)
Teeth breakout force	daN	1.300
Shovel width	mm	1.250

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Hydrostatic transmission



The gearboxes, compared with the traditional transmission by chain, which is subject to frequent repair and maintenance operations, have many advantages such as on elevated transfer speed, homogenous distribution of the power directly on the wheels in favour of the force, a higher sensibility in the movements, the favourable possibility to work if need be, mounting old and new tyres on the same side without compromising the reliability of the machine.

- Homologation for road traffic (only Italy).
- ROPS ISO 3471 and FOPS 1st level ISO 3449 homologated cabin.
- Front and back working lights.



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