

Engine V1505
Engine power 26,1 kW - 35,5 HP
Operating Weight 1.830 kg

ESK 130.5

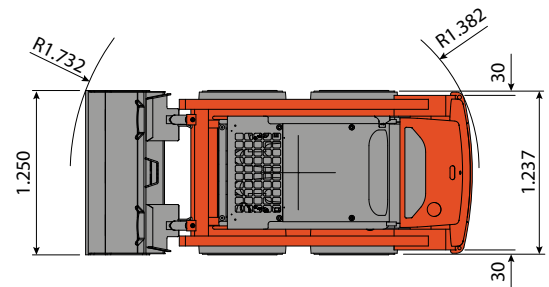
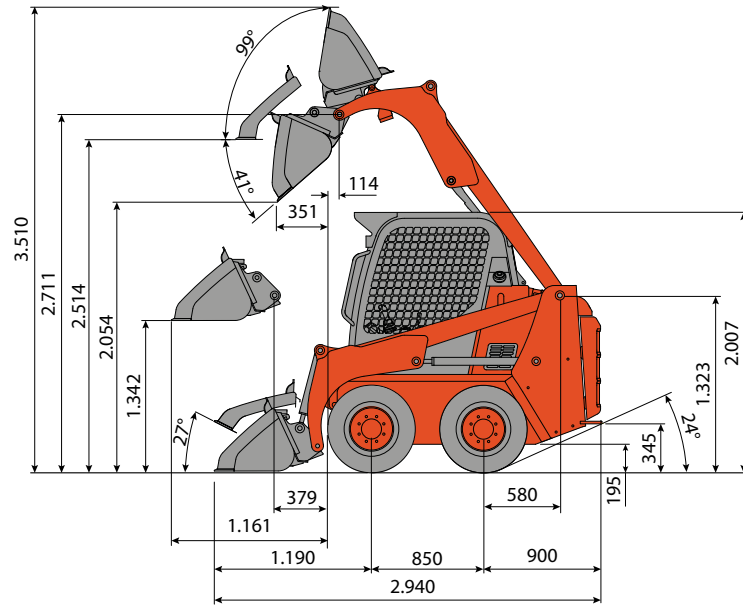
Concrete solutions. Always



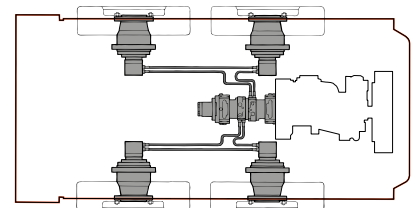
TECHNICALS SPECIFICATIONS

ESK 130.5

Weight with canopy	kg	3800
Operating weight	kg	1.830
Weight with cabin	kg	3950
ENGINE		
Travelling speed Lo-HI	km/h	4,5 - 11,6
Type		KUBOTA V1505
Slew speed	rpm	9
Max Power (2.500 rpm)	kW/HP	26,1 / 35,5
ENGINE		
Max torque (2.200 rpm)	Nm	93
Type		D1803-M
Displacement	cc	1.498
Max Power		kW 28,3 - HP 38
Number of cylinders	n°	4 in line
Displacement	cc	1826
Cooling		water
Number of cylinders	n°	3
Consumption	lt/h	5,8
Cooling		water
Alternator	V (A)	12 (30)
Consumption	lt/h	4,5
Battery	V (Ah)	12 (74/680)
Alternator	V (A)	12 (40)
HYDRAULIC SYSTEM		
Battery	V (Ah)	12 (80)
Pump type		1 with gear for services
HYDRAULIC SYSTEM		
Pump capacity	lt/min	43
Type		open center
Max. circuit calibration pressure	bar	180
Auxiliary system:		2 variable piston pumps 1 gear pilot pump
Max capacity	lt/min	43
Max pressure	bar	180
Pump displacement	cc	2 x 15+14
High Flow System (optional):		
Pump capacity	lt/min	2 x 37,5 + 35
Max capacity	lt/min	65
Max pressure	bar	180
Auxiliary system	lt/min	68
Max pressure	bar	180
TRANSMISSION		
Circuit calibration pressure	bar	230
PERFORMANCES		
Type		and 4 gearboxes on the wheels
Bucket breaking force (standard arm) ISO 6015	daN	1.950
Travelling speed	km/h	1°: 0 ÷ 12
Arm breaking force (standard arm) ISO 6015	daN	1.950
Traction force	daN	1.400
Traction force	daN	3.400
Dimensions tires	daN	27/8,50x15
Ground pressure with canopy (with cabin)	kg/cm²	0,32 (0,33)
Service brakes		Hydrostatic
Max slope		60% - 30°
DIMENSIONS		
Total width	gearboxes at electronic hydraulic control	mm 1700
Max dumping height with cabin	Electrohydraulic control, acting on parking brakes (interlocked the rear gearboxes)	mm 2535
Emergency brake (optional arm)		mm 2535
PERFORMANCES		
Tipping load (ISO 4197)	tkm	975
Operating load (max depth standard arm (optional arm) no more than 50% of tipping load)	tkm	3194 (3442)
Design breakout force std (optional)	daN	1.300 (1.650)
Standard bucket capacity	m³	0,28
Tracks width	mm	350
Standard bucket width	mm	1.250
Rollers (for each side)	n°	4 lower + 1 upper
Max slope		60% - 30°
FILLINGS		
Fuel tank	lt	30
Fuel tank	lt	48
Hydraulic oil tank	lt	30
Hydraulic oil tank	lt	44
Hydraulic circuit capacity	lt	54
Hydraulic circuit capacity	lt	59
Cooling system capacity	lt	8
Cooling system capacity	lt	12
Engine oil	lt	7
Engine oil	lt	5
CONTROLS		
Bucket, boom, swing, slew type	Ergonomic joysticks with safety block on board	
Travel and steering translation	Driven by 2 pilot levers	
Dozer blade	Driven by 1 pilot lever	
Services	Driven by right joystick for lifting and bucket	
Auxiliary hydraulics system	Bucket self-levelling system (optional)	
Lifting mechanism	Driven by 1 pilot lever	
Boom swing	Driven by 1 pilot lever	



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 an elevated transfer speed (11,5 km/h), homogenous distribution of the power directly on the wheels in favour of the force, a higher sensibility of 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 3449 homologated cabin with hardened upper and rear standard glasses (side glasses on demand).
- Front and back working lights for night road circulation.



EUROCOMACH®

Sampierana S.p.A.

47021 S.Piero in Bagno (FC)

via Leonardo da Vinci, 40

Tel +39 0543.904211

Fax +39 0543.918520

www.eurocomach.com