

Engine D1503-M

Engine power 24,9 kW - 33,4 HP

Operating Weight 2.700 - 2.850 kg

ES 28 ZT

Concrete solutions. Always



TECHNICALS SPECIFICATIONS

Weight with canopy	kg	2.700
Weight with cabin	kg	2.850
Travelling speed Lo-Hi	km/h	2,5 - 4,6
Slew speed	rpm	9

ENGINE

Type		KUBOTA D1503-M
Max Power	kW-HP	24,9 - 33,4
Displacement	cc	1.499
Number of cylinders	n°	3
Cooling		water
Consumption	lt/h	4,2
Alternator	V (A)	12 (40)
Battery	V (Ah)	12 (80)

HYDRAULIC SYSTEM

Type		open center
Pump type		2 variable piston pumps + 1 gear pilot pump
Pump displacement	cc	2 x 15+14
Pump capacity	lt/min	2 x 35 + 33
Auxiliary system	lt/min	68
Circuit calibration pressure	bar	230

PERFORMANCES

Bucket breaking force (standard arm) ISO 6015	daN	2.400
Arm breaking force (standard arm) ISO 6015	daN	1.950
Traction force	daN	3.400
Ground pressure with canopy (with cabin)	kg/cm ²	0,30 (0,32)
Max slope		60% - 30°

DIMENSIONS

Total width	mm	1.550
Max dumping height with cabin and standard arm (optional arm)	mm	3.040 (3.165)
Total height	mm	2.530
Rear rotation radius	mm	772
Max digging depth standard arm (optional arm)	mm	2.570 (2.770)
Digging arm length std (optional)	mm	1.110 (1.310)
Tracks width	mm	280
Rollers (for each side)	n°	4 lower + 1 upper

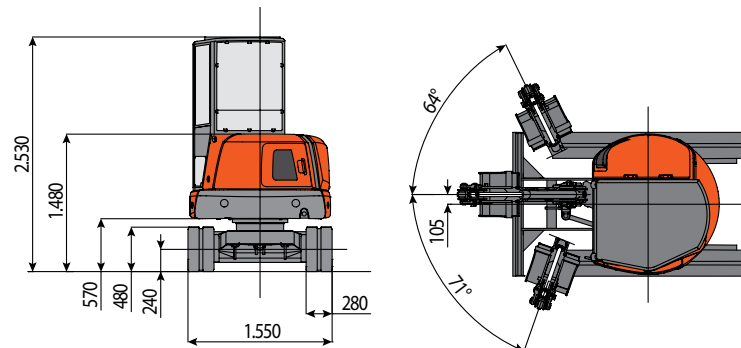
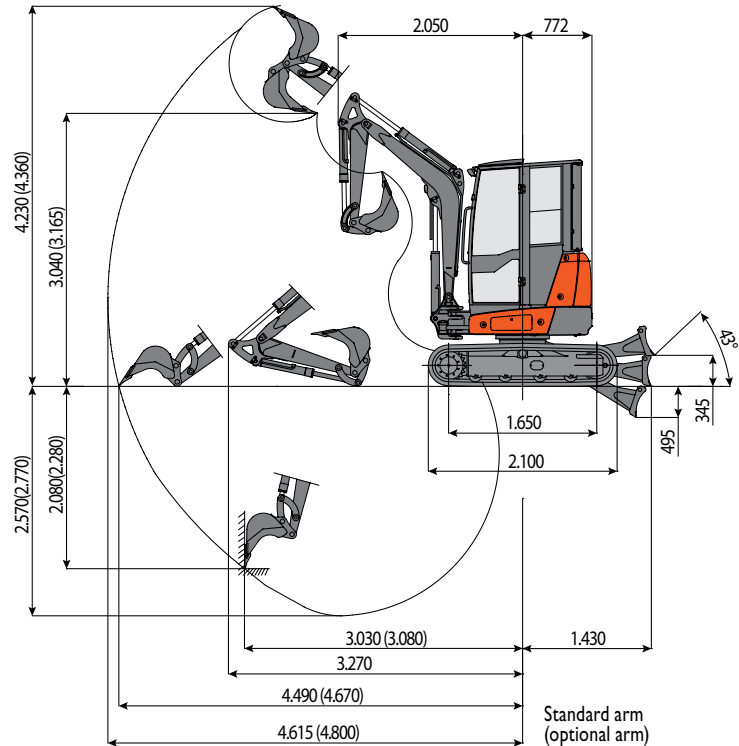
FILLINGS

Fuel tank	lt	30
Hydraulic oil tank	lt	30
Hydraulic circuit capacity	lt	54
Cooling system capacity	lt	7,5
Engine oil	lt	7

CONTROLS

Bucket, boom, swing, slew		2 joisticks
Travel and steering		2 pilot levers
Dozer blade		1 pilot lever
Auxiliary hydraulics system		electroproportional switch on right joystick
Boom swing		electroproportional switch on left joystick

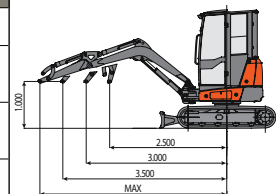
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LIFTING CAPACITY

Opening arm from the rotation's center (m)
Lifting capacity (kg) at 1.0 m height

	2,5	3	3,5	MAX
Idler center	1002	818	690	600
Dozer blade lifted	775	574	445	375
Crawler center	623	471	377	320



The lifting capacity is based on the ISO 10567 and it does not exceed more than the 75% of static tipping load or more than the 87% of the hydraulic lifting capacity of the machine.



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