

Engine D722
Engine power 13.7 HP - 10.2 kW
Operating Weight 2,557 lb

ES 12 ZT⁴

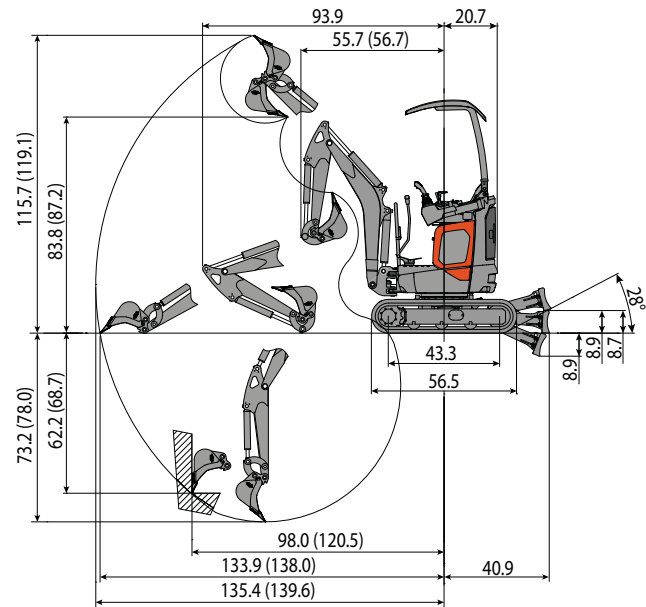
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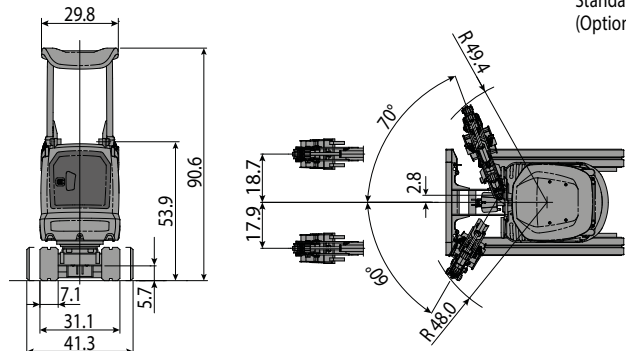
TECHNICALS SPECIFICATIONS

ES 12 ZT⁴

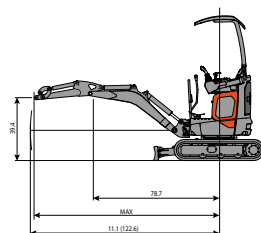
Operating weight with canopy	lb	2,557
Operating weight with canopy and ABS roof	kg	2,612
Travelling speed	mph	1 ^a : 0 ÷ 1.1 / 2 ^a : 0 ÷ 2.4
Slew speed	rpm	9.5
ENGINE		
Type	KUBOTA D722 EPA Tier 4	
Max Power (2.350 rpm)	HP - kW	13.7 - 10.2
Displacement	in ³	43.9
Number of cylinders	n°	3
Cooling	water	
Consumption	gal/hr	48
Alternator	V (A)	12 (40)
Battery	V (Ah)	12 (45)
HYDRAULIC SYSTEM		
Pump type	n°2 gear pumps	
Pump displacement	in ³	0.3 + 0.3
Pump capacity	gpm	6.9
Max. circuit calibration pressure	psi	2,466
Auxiliary system:	Max capacity	gpm 6.9
	Max pressure	psi 2,611
PERFORMANCES		
Max digging depth standard arm (optional arm)	in	73.2 (78)
Max dumping height standard arm (optional arm)	in	83.9 (87.2)
Bucket breaking force (standard arm) ISO 6015	lbf	2,585
Arm breaking force (standard arm) ISO 6015	lbf	1,551
Traction force	lbf	2,248
Ground bearing pressure with folding bar	psi	4 (4)
Max slope	60% - 30°	
DIMENSIONS		
Maximum width	in	31.1 - 41.3
Total height	in	90.6
Rear rotation radius	in	20.7
Digging arm length std (optional)	in	35.4 (40.2)
Tracks width	in	7.1
Rollers number (for each side)	n°	3
FILLINGS		
Fuel tank	gal	3.8
Hydraulic oil tank	gal	2.5
Hydraulic circuit capacity	gal	4.0
Cooling system capacity	gal	1.6
Engine oil	gal	0.5
CONTROLS		
Boom, dipper stick, bucket and turret swing	2 pilot joysticks	
Track movements (included counter rotation)	2 pilot levers	
Dozer blade	pilot lever	
Auxiliary circuit (simple or double effect)	electroproportional switch on right joystick	
Boom swing	electroproportional switch on left joystick	



Standard dipper stick
(Optional dipper stick)



LIFTING CAPACITY		
Opening arm from the rotation's center (m)		
Lifting capacity (lb) at 39.4 in height		
	78.7	MAX
Frontal and lowered dozer blade	573	309
Frontal and lifted dozer blade	573	309
Lateral, open undercarriage	551	265



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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