

Engine V2607-DI
Engine power 33,8 kW - 46,0 HP
Operating weight 5.150 - 5.250 kg

ES 50 ZT

Concrete solutions. Always



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TECHNICALS SPECIFICATIONS

Operating weight with canopy (with rubber tracks)	kg	5.150
Operating weight with cabin (with rubber tracks)	kg	5.250
Travelling speed (AUTO TWO SPEED)	km/h	1 ^a : 0 ÷ 2,6 / 2 ^a : 0 ÷ 5,2
Slew speed	rpm	11

ENGINE

Type	KUBOTA V2607-DI	
Max Power (2.200 rpm)	kW - HP	33,8 - 46,0
Displacement	cc	2.615
Number of cylinders	n°	4
Cooling	water	
Consumption	lt/h	6,1
Alternator	V (A)	12 (60)
Battery	V (Ah)	12 (100)

HYDRAULIC SYSTEM

Circuit Type	Load Sensing closed center system with flow sharing control valve	
Pump type	1 ls variable pump + 1 gear pump	
Pump displacement	cc	65 + 8
Pump capacity	lt/min	140 + 17
Max. circuit calibration pressure	bar	260
Auxiliary Flow (max pressure): AUX 1 main high flow simple or double effect	lt/min (bar)	70 / 70 (200)

PERFORMANCES

Max digging depth standard arm (optional arm)	mm	3.600 (3.750)
Max dumping height with cab standard arm (optional arm)	mm	3.950 (4.050)
Bucket breaking force (standard arm) ISO 6015	daN	4.500
Arm breaking force (standard arm) ISO 6015	daN	2.800
Traction force	daN	5.200
Ground bearing pressure with rubber tracks and canopy (with cabin)	kg/cm ²	0,33 (0,34)
Max slope	60% - 30°	

DIMENSIONS

Maximum width	mm	1.980
Total height	mm	2.560
Rear rotation radius	mm	1.000
Digging arm length std (optional)	mm	1.500 (1.650)
Tracks width	mm	400
Rollers number (for each side)	n°	5/1

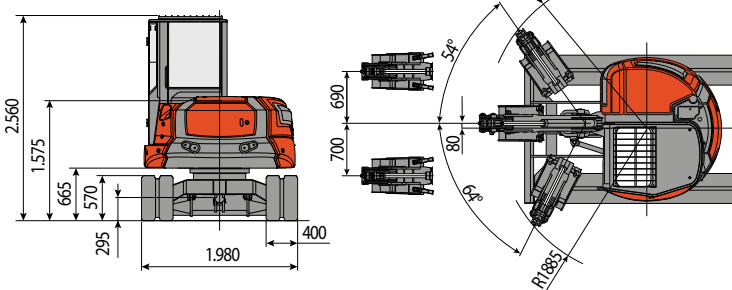
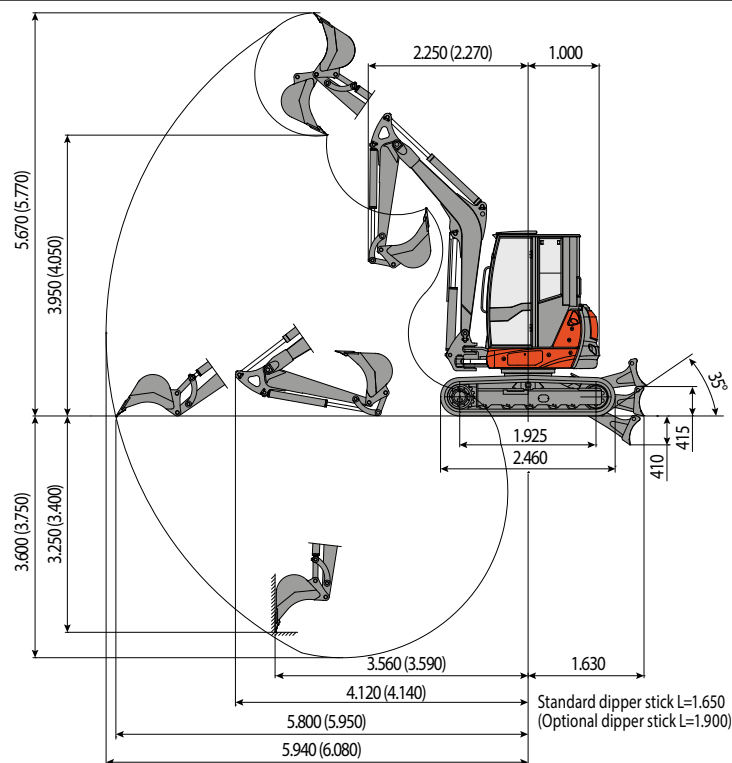
FILLINGS

Fuel tank	lt	70
Hydraulic oil tank	lt	65
Hydraulic circuit capacity	lt	85
Cooling system capacity	lt	12
Engine oil	lt	9

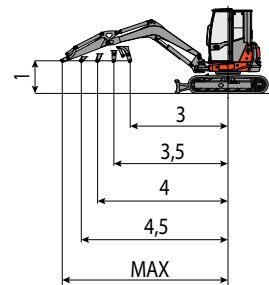
CONTROLS

Boom, dipper stick, bucket and turret swing	2 pilot joysticks	
Tracks movement (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	

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LIFTING CAPACITY						
Opening arm from the rotation's center (m) Lifting capacity (kg) at 1.0 m height						
	3	3,5	4	4,5	5	MAX
Frontal and lowered dozer blade	2514	2001	1662	1443	1327	1248
Frontal and lifted dozer blade	1793	1403	1125	949	814	705
Lateral	1388	1082	900	743	640	555



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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