

Engine V2607-DI
Engine power 33,8 kW - 46,0 HP
Operating weight 5.950 - 6.050 kg

ES 60 TR

Concrete solutions. Always



TECHNICALS SPECIFICATIONS

ES 60 TR

Operating weight with canopy (with rubber tracks)	kg	5.950
Operating weight with cabin (with rubber tracks)	kg	6.050
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)

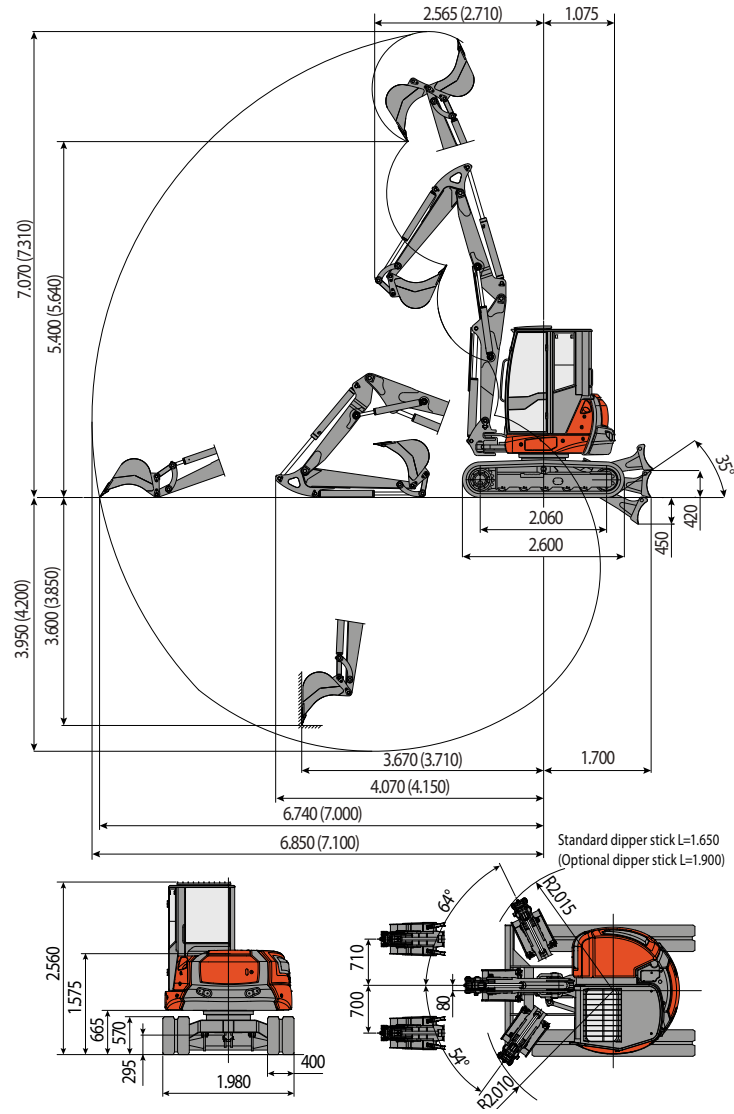
HYDRAULIC SYSTEM		
Circuit Type	load sensing closed center system with flow sharing control valve	
Pump type	1 ls variable pump + 1 gear pump	
Pump displacement	cc	65 + 8
Pump capacity	lt/min	140 + 17
Max. circuit calibration pressure	bar	260
Auxiliary Flow (max pressure):	lt/min (bar)	
AUX 1 main high flow simple or double effect		70 / 70 (200)
AUX 2 double effect		35 / 50 (260)

PERFORMANCES		
Max digging depth standard arm (optional arm)	mm	3.950 (4.200)
Max dumping height with cab standard arm (optional arm)	mm	5.400 (5.640)
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	0,36 (0,37)
Max slope	60% - 30°	

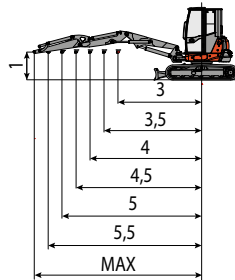
DIMENSIONS		
Maximum width	mm	1.980
Total height	mm	2.560
Rear rotation radius	mm	1.075
Digging arm length std (optional)	mm	1.650 (1.900)
Tracks width	mm	400
Rollers number (for each side)	n°	5/1

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	



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	5,5	MAX
Frontal and lowered dozer blade	2462	1966	1670	1418	1233	1052	914
Frontal and lifted dozer blade	1819	1410	1121	900	745	641	540
Lateral	1365	1110	890	739	630	544	473



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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