

# 38zT



Concrete solutions. Always.

Engine D1703-M

Engine power 18.2 kW - 24.7 hp

Operating weight with cab 3,910 kg

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Operating weight with cab ISO 6016 [with rubber tracks]	kg	3,910
Transport weight with cab [with rubber tracks]	kg	3,760
Travelling speed (AUTO TWO SPEED)	km/h	1 <sup>st</sup> : 0 ÷ 2,7 / 2 <sup>nd</sup> : 0 ÷ 4,3
Slew speed	rpm	9.5

## ENGINE

Type	<b>KUBOTA D1703-M - STAGE 5</b>	
Max. Power (2,200 rpm)	kW - hp	18.2 - 24.7
Displacement	cm <sup>3</sup>	1,647
Number of cylinders	n°	3
Cooling	Liquido	
Consumption	lt/h	3.5
Alternator	V (A)	12 (40)
Battery	V (Ah)	12 (80)

## HYDRAULIC SYSTEM

Circuit Type	Load Sensing closed center system with "Flow Sharing" control valve	
Pump type	1 LS variable pump	
Pump displacement	cm <sup>3</sup>	48
Pump capacity	lt/min	101
Max. circuit calibration pressure	bar	260
Auxiliary systems (max pressure): AUX 1 single or double effect with priority AUX 2 double effect (optional) AUX 3 double effect (optional)	lt/min (bar)	40 [50 Max]-(200 l./260 r.) 32/20 - (190) [260 Max] 32/20 - (190) [260 Max]

## PERFORMANCES

Max. digging depth with standard arm (optional arm)	mm	3,070 (3,320)
Max. dumping height with standard arm (optional arm)	mm	3,230 (3,380)
Bucket breakout force	daN	3,025
Arm breakout force ISO 6015	daN	1,580 (1,408)
Traction force	daN	3,500
Ground bearing pressure with rubber tracks	kg/cm <sup>2</sup>	0.34
Max. slope	60% - 30°	

## DIMENSIONS

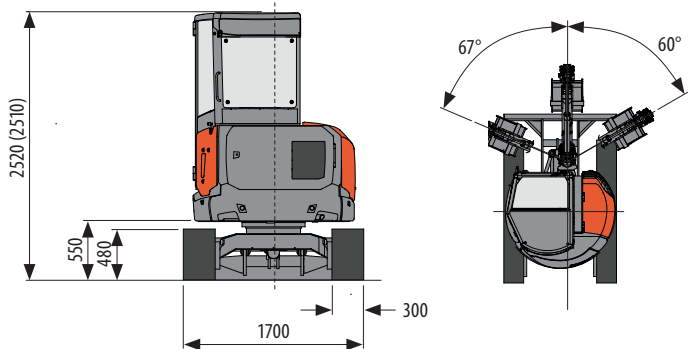
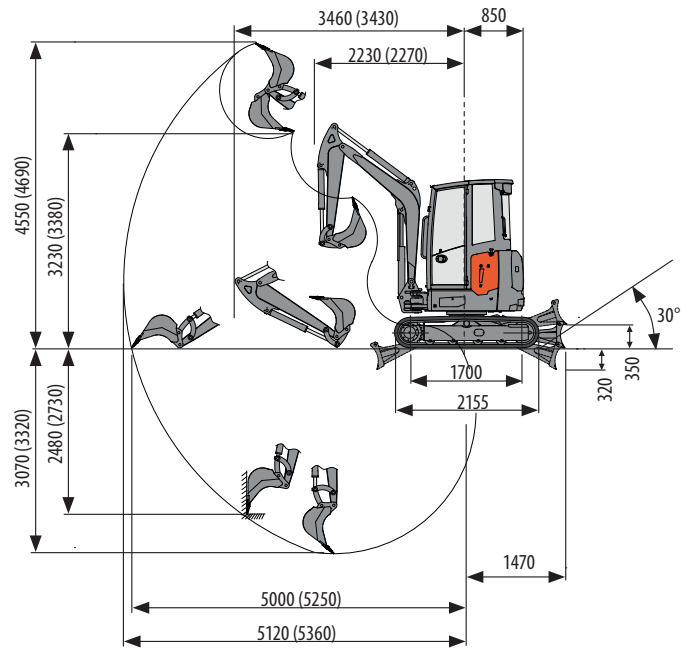
Maximum width	mm	1,700
Total height with cab (canopy)	mm	2,520 (2,510)
Rear rotation radius	mm	850
Digging arm length standard (optional)	mm	1,400 (1,650)
Tracks width	mm	300
Rollers number (for each side)	n°	4/1

## CAPACITIES

Fuel tank	lt	49
Hydraulic oil tank	lt	33,5
Hydraulic circuit capacity	lt	54
Cooling system capacity	lt	8
Engine oil	lt	6.3

## CONTROLS

Boom, dipper stick, bucket and turret swing	2 pilot joysticks	
Track movements (included counter rotation)	2 pilot levers	
Dozer blade	pilot lever	
Priority auxiliary system with holding function AUX 1 (single or double effect)	electroproportional switch on right joystick	
Auxiliary system AUX 2 (double effect)	electroproportional switch on right joystick	
Boom swing	electroproportional switch on left joystick	



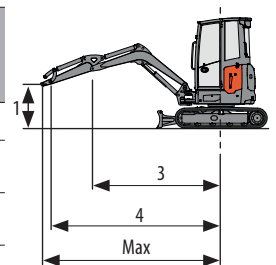
## LIFTING CAPACITY

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

	3	4	MAX
Frontal and lowered dozer blade	1,170*	900*	850*
Frontal and lifted dozer blade	880	570	500
Lateral, open undercarriage	790	520	450

\* Indicates the hydraulic load limit.

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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