

# 35zT



Concrete solutions. Always.

Engine D1703-M

Engine power 18.2 kW - 24.7 hp

Operating weight with cab 3,480 kg

 **EUROCOMACH®**

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Operating weight with cab ISO 6016 [with rubber tracks]	kg	3,480
Transport weight with cab [with rubber tracks]	kg	3,330
Travelling speed (AUTO TWO SPEED)	km/h	1 <sup>st</sup> : 0 ÷ 2.7 / 2 <sup>nd</sup> : 0 ÷ 4.3
Slew speed	rpm	10.5

## ENGINE

Type	KUBOTA D1703-M - STAGE 5	
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	2,870 (3,070)
Max. dumping height with standard arm (optional arm)	mm	3,110 (3,230)
Bucket breakout force	daN	3,025
Arm breakout force ISO 6015	daN	1,751 (1,580)
Traction force	daN	3,500
Ground bearing pressure with rubber tracks	kg/cm <sup>2</sup>	0.31
Max. slope	60% - 30°	

## DIMENSIONS

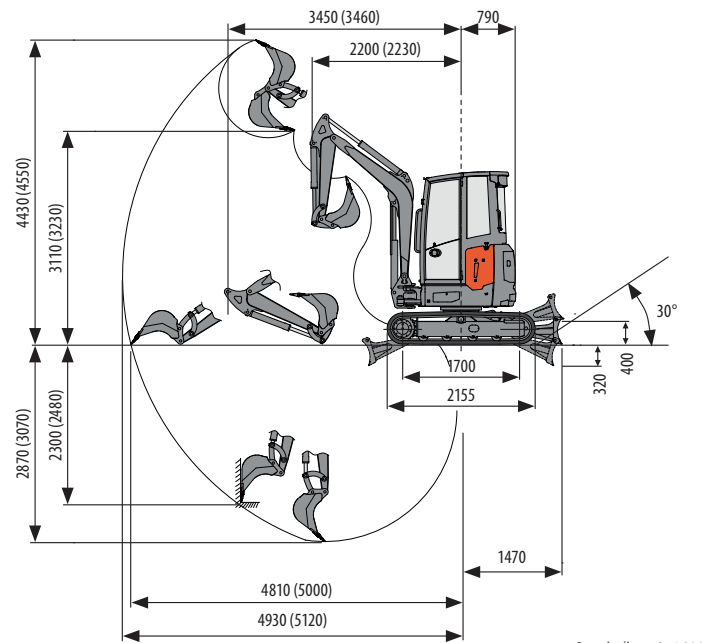
Maximum width	mm	1,580
Total height with cab (canopy)	mm	2,520 (2,510)
Rear rotation radius	mm	790
Digging arm length standard (optional)	mm	1,200 (1,400)
Tracks width	mm	300
Rollers number (for each side)	n°	4/1

## CAPACITIES

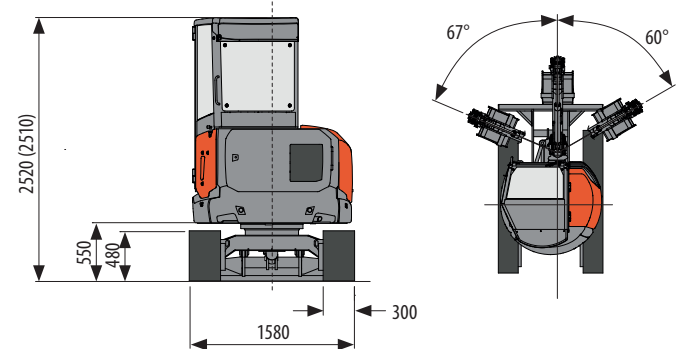
Fuel tank	lt	49
Hydraulic oil tank	lt	33.5
Hydraulic circuit capacity	lt	54
Cooling system capacity	lt	7.5
Engine oil	lt	6.3

## 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	



Standard arm L=1,200  
(Optional arm L=1,400)



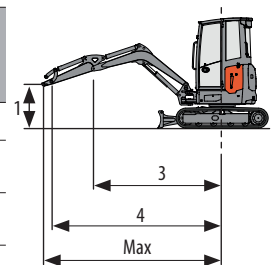
## LIFTING CAPACITY

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	1,090*	820*	790*
Frontal and lifted dozer blade	730	470	440
Lateral, open undercarriage	570	370	350

\* 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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