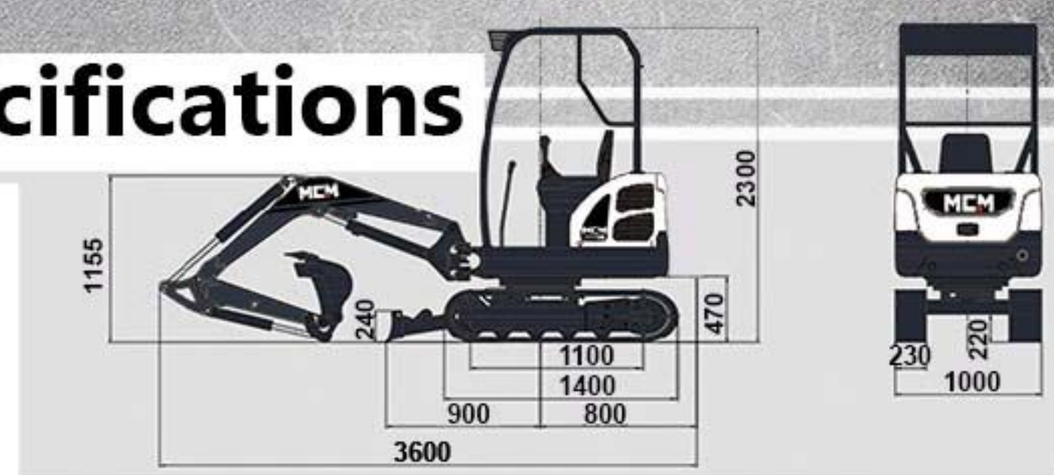
MCM 18DS

Technical Specifications

Engine

Model	Perkins 403D-11
Type	Direct Injection, Water Cooled
No. of Cylinders	3-Cylinder Diesel Engine
Net Peak Power	14.7 kW / 20HP @ 2200 rpm
Fuel Tank Capacity	22 Litres



Hydraulic System

Circuit Type	Open Centre, Gear Type	
Hydraulic Pump	China	Futai
System Pressure	USA	Husco
Rotary Swing Motor	USA	Eaton
System Pressure	16MPa	

Main Performance

Swing Speed	r/min	11-13
Traveling Speed	km/h	4.5
Grade Ability	%	70(35°)
Traveling Tracking Force	kN	17
Bucket Digging Force	kN	15.7
Arm Digging Force	kN	14.1

Overall Length	mm	3600
Overall Width	mm	1000
Overall Height	mm	2300
Ground Clearance	mm	210
Track Length	mm	1560
Track Width	mm	230
Undercarriage width	mm	1000
Undercarriage ground clearance	mm	210
Dozer Blade	mm	1000 x 230

Operation Weight	kg	1740
Bucket Capacity	m^3	0.07
Max. Digging Radius	mm	3950
Max. Digging Depth	mm	2350
Max. Digging Height	mm	3580
Max. Dumping Height	mm	2550
Max. Dozer Cutting	mm	200
Max. Dozer Lifting	mm	210
Boom Deflexion (Left/Right)	°	75/45
Tail Swing Radius	mm	Zero Swing
Front Min. Swing Radius	mm	1750