

MOVING YOU FURTHER

230LM

SMART

Specially Designed for Marble, Granite & Quarry



*Photo may include optional equipment

Engine Rated Power
150 HP @ 1950 rpm

Operating Weight
23500 kg

Bucket Capacity
0.95 m³ Marble

 **HYUNDAI**
CONSTRUCTION EQUIPMENT
INDIA



Specifications

Engine

Model	Hyundai - HM 5.9		
Type	Water Cooled, 4 cycle diesel, 6 cylinder in line, direct injection turbocharged, charge air cooled and low emission		
Rated flywheel horse power	SAE	J1995 (gross)	150 HP (112 KW) @ 1950 rpm
		J1349 (net)	147 HP (110 KW) @ 1950 rpm
	DIN	6271/1 (gross)	152 PS (112 KW) @ 1950 rpm
		6271/1 (net)	149 PS (110 KW) @ 1950 rpm
Max. Torque	63.6 kgf.m (460 lbf.ft) @1500 rpm		
Piston displacement	5880 cc		

Hydraulic System

Main pump

Type	Two variable displacement piston pumps
Max. flow	2 x 220 lpm
Sub-pump for pilot circuit	Gear pump
Cross-sensing & fuel saving pump system	

Hydraulic motors

Travel	Two speed axial piston motor with counter balance valve and parking brake
Swing	Axial piston motor with automatic brake

Relief valve settings

Implement circuits	330 kgf/cm ²
Travel	330 kgf/cm ²
Swing circuit	360 kgf/cm ²
Power boost (boom, arm, bucket)	240 kgf/cm ²
Pilot circuit	35 kgf/cm ²
Service valve	Installed

Drives & Brakes

Drive method	Fully hydrostatic type
Drive motor	Axial piston motor in-shoe design
Reduction system	Planetary reduction gear
Max. drawbar pull	21100 kgf (46500 lbf)
Max. travel speed (high/low)	5.3 kmph / 3.4 kmph
Gradeability	35° (70%)
Parking brake	Multi wet disc

Swing System

Swing motor	Axial piston motor
Swing reduction	Planetary gear reduction
Swing bearing lubrication	Grease bathed
Swing brake	Multi wet disc
Swing speed	11 rpm

Undercarriage

X-Leg type centre frame is integrally welded with reinforced box section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters, with shock absorbing spring and sprockets, and track chain with double or triple grouser shoes.

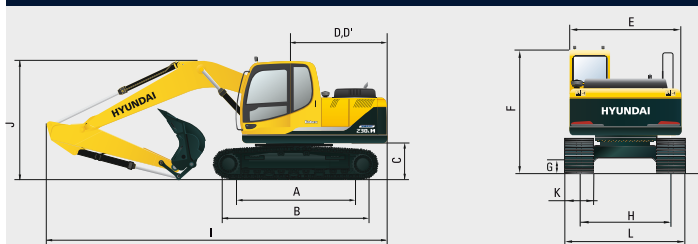
Centre frame	X-leg type
Track frame	Pentagonal box type
No. of shoes on each side	49
No. of carrier rollers, each side	2
No. of track rollers, each side	9
No. of rail guards on each side	3
Track shoe thickness	12.5 mm



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Dimensions



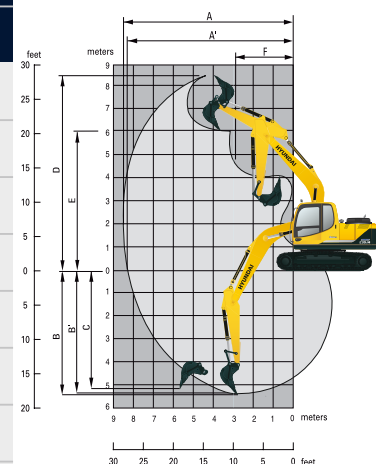
Dimensions

mm

A	Tumbler distance	3640
B	Overall length of crawler	4440
C	Ground clearance of counterweight	1060
D	Tail swing radius	2830
D'	Rear-end length	2770
E	Overall width of upperstructure	2700
F	Overall height of cab	2920
G	Min. ground clearance	480
H	Track gauge	2390
I	Overall length	9570
J	Overall height of boom	3110
K	Track Shoe Width	600
L	Overall width	2990

Working Ranges mm

HD Boom length	5680	
HD Arm length	2400	
A	Maximum Digging Reach.	9500
A'	Digging Reach on Ground.	9330
B	Max. Digging Depth.	6220
B'	Max. Digging Depth (8' level).	6010
C	Vertical Digging Depth.	5720
D	Maximum Digging Height.	9340
E	Maximum Dumping Height.	6520
F	Minimum Swing Radius.	3740



Operating Weight & Bucket Capacity

Operating weight*	23500kg
Bucket capacity	0.95 m ³ (Marble) SAE Heaped 1.05 m ³ GP/0.95 m ³ RB

*Standard equipment

PLEASE CONTACT