

MOVING YOU FURTHER

# 210

# SMART



\*Photo may include optional equipment

**Engine Rated Power**  
139 HP (104 KW) @ 2000 rpm

**Operating Weight**  
21200 kg

**Bucket Capacity**  
0.92 m<sup>3</sup> GP / 0.87 m<sup>3</sup> RB

 **HYUNDAI**  
CONSTRUCTION EQUIPMENT  
INDIA





## Specifications

Engine			
Model		Cummins 6BT5.9-C	
Type		Water Cooled, 4 cycle diesel, 6 cylinder in line, direct injection turbocharged	
Rated flywheel horse power	SAE	J1995 (gross)	139 HP (104 KW) @ 2000 rpm
		J1349 (net)	136 HP (101 KW) @ 2000 rpm
	DIN	6271/1 (gross)	141 PS (104 KW) @ 2000 rpm
		6271/1 (net)	138 PS (101 KW) @ 2000 rpm
Max. Torque		57.6 kgfm (417 lbf.ft)@1600 rpm	
Piston displacement		5880 cc	

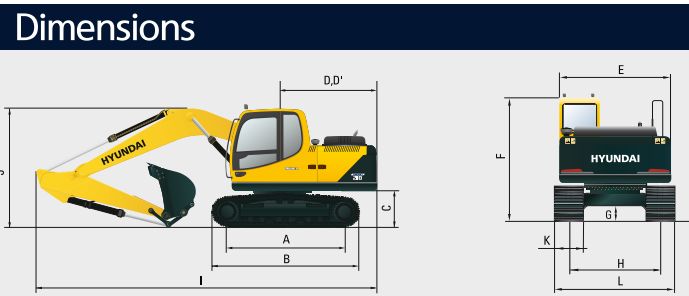
Hydraulic System	
<b>Main pump</b>	
Type	Two variable displacement piston pumps
Max. flow	2 x 220 lpm
Sub-pump for pilot circuit	Gear pump
Cross-sensing & fuel saving pump system	
<b>Hydraulic motors</b>	
Travel	Two speed axial piston motor with counter balance valve and parking brake
Swing	Axial piston motor with automatic brake
<b>Relief valve settings</b>	
Implement circuits	330 kgf/cm <sup>2</sup>
Travel	330 kgf/cm <sup>2</sup>
Swing circuit	240 kgf/cm <sup>2</sup>
Pilot circuit	35 kgf/cm <sup>2</sup>
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	46
No. of carrier rollers, each side	2
No. of track rollers, each side	7
No. of rail guards on each side	1

**Robex**  
**210** SMART

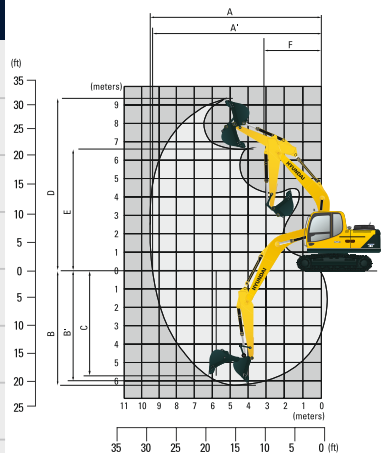


Dimensions	mm	
A	Tumbler distance	3370
B	Overall length of crawler	4160
C	Ground clearance of counterweight	1060
D	Tail swing radius	2830
D'	Rear-end length	2770
E	Overall width of upperstructure	2700
F	Overall height of cab	2920
G	Min. ground clearance	480
H	Track gauge	2200
I	Overall length	9570
J	Overall height of boom	3110
K	Track Shoe Width	600
L	Overall width	2800

## Working Ranges mm

Boom length (std.)	5680
Arm length (std.)	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 Wall Digging Depth.	5720
D	Maximum Digging Height.	9340
E	Maximum Dumping Height.	6520
F	Minimum Swing Radius.	3740



## Operating Weight & Bucket Capacity

Operating weight*	21200 kg
Bucket capacity	(SAE Heaped) 0.92 m <sup>3</sup> GP/0.87 m <sup>3</sup> RB

\*Standard equipment

PLEASE CONTACT