

MOVING YOU FURTHER

# 215L

# SMART



\*Photo may include optional equipment

**Engine Rated Power**  
148 HP (110 KW) @ 2000 rpm

**Operating Weight**  
22400 kgs

**Bucket Capacity**  
1.05 m<sup>3</sup> GP/0.95 m<sup>3</sup> RB/0.87 m<sup>3</sup> RB/1.2 m<sup>3</sup> GP/  
1.7 m<sup>3</sup> Coal Rehandling

 **HYUNDAI**  
CONSTRUCTION EQUIPMENT  
INDIA

# Specifications

## Engine

Model	Cummins 6BTAA-5.9C		
Type	Water cooled, 4 cycle diesel, 6 cylinder in line, direct injection turbocharged, charge air cooled		
Rated flywheel horse power	SAE	J1995 (Gross)	148 HP (110 KW) @ 2000 rpm
		J1349 (Net)	145 HP (108 KW) @ 2000 rpm
	DIN	6271/1 (Gross)	150 PS (110 KW) @ 2000 rpm
		6271/1 (Net)	147 PS (108 KW) @ 2000 rpm
Max. Torque	63.8 Kgfm (462 lbf.ft)@1300 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 <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

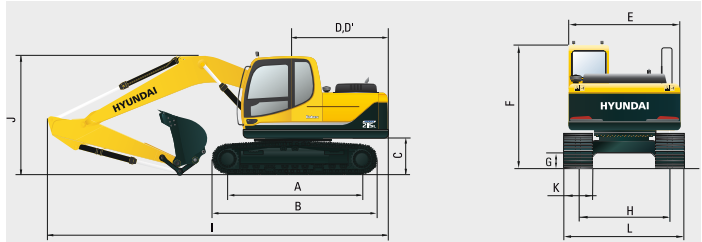
X-Leg type centre frame is integrally welded with reinforced box section track frames. The undercarriage includes lubricated rollers, idlers, track adjusters, with shock absorbing spring and sprockets, and track chain with double or triple grouser shoes.

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



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## Dimensions



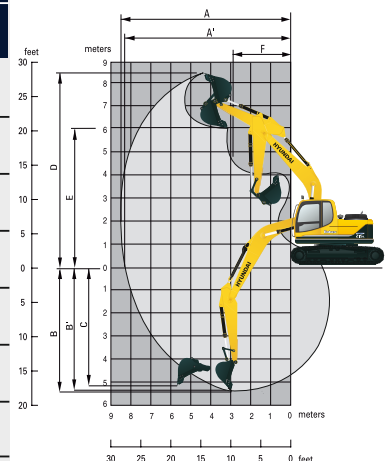
## Dimensions

mm

A	Tumbler Distance	3640
B	Overall length of crawler	4440
C	Ground clearance of counter weight	1060
D	Tail swing radius	2830
D'	Rear-end length	2770
E	Overall width of upper structure	2700
F	Overall height of cabin	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

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 Digging Depth.	5720
D	Maximum Digging Height.	9340
E	Maximum Dumping Height.	6520
F	Minimum Swing Radius.	3740



## Operating Weight & Bucket Capacity

Operating weight*	22400 kg
Bucket capacity	(SAE Heaped) 1.05 m <sup>3</sup> GP/0.95 m <sup>3</sup> RB/0.87 m <sup>3</sup> RB/ 1.2 m <sup>3</sup> GP/1.7 m <sup>3</sup> Coal

PLEASE CONTACT