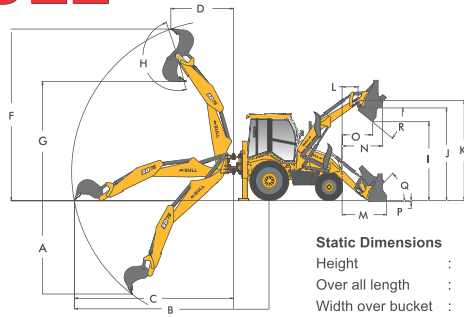


**WORLD'S BEST
BACKHOE LOADER
SUPER SMART**



EX+

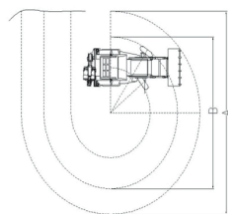




Static Dimensions
 Height : 3.56m
 Over all length : 7.40m
 Width over bucket : 2.35m

LOADER PERFORMANCE	SD 76	
	with link bracket	without link bracket
Standard GP Bucket Capacity	1.26 cu.m	
I Dump Height	2.96 m	2.96 m
J Load Over Height	3.39 m	3.39 m
K Pin Height	3.61 m	3.61 m
L Pin Forward Reach	0.42 m	0.42 m
M Reach at Ground	1.60 m	1.47 m
N Reach at full height	1.42 m	1.28 m
O Reach at full Height bkt Dumping	1.1 m	0.89 m
P Below ground level DIG Depth	0.08 m	0.1 m
Q Roll back at Ground	50°	49°
R Dump Angle	45°	45°
Bucket Break-out Force	8183 kgf	
Loader Arm Break-out Force	5315 kgf	
Payload	2000 kgf	
Lifting Capacity At Loader Arm Hook Pin	2600 kgf	

EXCAVATOR PERFORMANCE	SD 76	
	STANDARD	
Standard GP Bucket Capacity	0.26 cu. m	
A Maximum DIG depth	4.77 m	15 ft-7 in
B Reach Ground Level to Rear wheel center	6.77 m	22ft-2.5 in
C Reach at Ground level to slew center	5.47 m	17 ft -11 in
D Reach at full height to slew center	2.82 m	9 ft - 3 in
F Maximum working height	5.98 m	19 ft - 7 in
G Maximum Load over Height	4.19 m	13 ft - 9 in
H Bucket Rotation angle	201°	
Bucket Tear out Force	5936 kgf	
Dipper Tear out Force	3109 kgf	



TURNING CIRCLE		SD 76
Inner wheels braked		
A Loader bucket outside		9.18
B Wheel outside		6.37
Inner wheels not braked		
A Loader bucket outside		11.56
B Wheel outside		8.76
DIESEL TANK CAPACITY		SD 76
Fuel Tank		115Ltr

WHEN PERFORMANCE MEETS FLEXIBILITY THE ALL ROUNDER MACHINE



ENGINE (Options)

Kirloskar 4R1190NAI BS-V (CEV)
 Diesel Engine (**4760 CC**)
 Gross Power **74.5HP (54.8kW) @ 2200 rpm**
 Gross Torque 300Nm @ 1320 rpm

Ashok Leyland H4C5E7422 TI BS-V (CE-V)
 Diesel Engine (**3840 CC**)
 Gross Power **74HP (54.6 kW) @2200 rpm**
 Gross Torque 400Nm @1200 rpm

TRANSMISSION

CARRARO - 2WD & 4WD
 Synchro-shuttle Transmission with
 integral torque convertor (Ratio : 2.64)
CARRARO - 4WD SPS(AUTOMATIC)
 Servo Power Synchro-shuttle Transmssion with
 integral torque convertor

HYDRAULICS

SUPER SMART

Pump type Load Sensing
 Variable Piston Pump
 Pressure 3335 p.s.i (230 bar)
 Pump Flow 119 lpm @ 2200 rpm
 128 lpm @ high rpm

TYRES

FRONT **2WD** 9.00X16 - 16PR
4WD 12.5/80X18 - 12PR
REAR Industrial : 16.9X28 - 12PR
 Heavy Duty : 14X25 - 20PR

DRIVE

2 Wheel Drive & 4 Wheel Drive

STEERING

Power Steering

ELECTRICAL

12V Battery Systems (150Ah)

SPEED

Forward Max : **39 Km/Hr**
 Reverse Max : **9.3 Km/Hr** (2nd Gear)

WEIGHT

2WD-8010 Kgs (Standard Bucket)

BACKHOE BUCKET OPTIONS

0.33 cu.m,Trench Bucket

42+ Types of Interchangeable
BUCKET ATTACHMENTS
MORE ADAPTABLE | SEGMENT | EARNING



WORLD CLASS COMFORT



Adjustable Steering
Customizable steering for effortless operation of the backhoe loader.



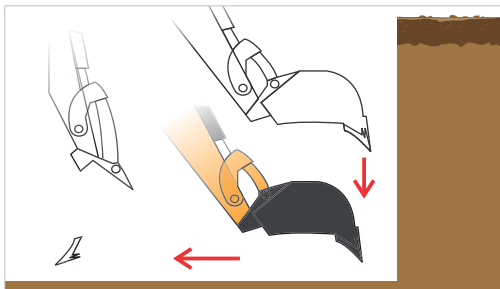
Air Conditioner
Heavy Duty RedDOT (USA) make with multi directional air flow climatic control. (optional)



ROPS & FOPS
Roll over & Fall over protection BULL cabin protects the operator from rollover or falling object.

UNIQUE FEATURE

SQUARE CUT 90° FOUNDATION BUCKET



- ▶ Specifically designed for precise square cuts in civil foundation pits and water tank, septic tank, trenches – against the popular demand of civil engineers.
- ▶ Foundation bucket - World's best cutting angle for perfect finishing of pits / tank at 90°.
- ▶ Eliminates the manual trimming, enhancing safety.

Perfect square cut by **SUPER SMART**





SKID STEER
AV 490



HD 100



HD 96



SD 76
CHAMPION



GRANDIA



SD 76
SUPER SMART



CH 76
CHALLENGER



SMART KID



HD 76
CRUSHER KING



HD 76
LOADER



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**PRIDE OF
INDIA**

Dealer: