

**HD 76**

 **BULL**



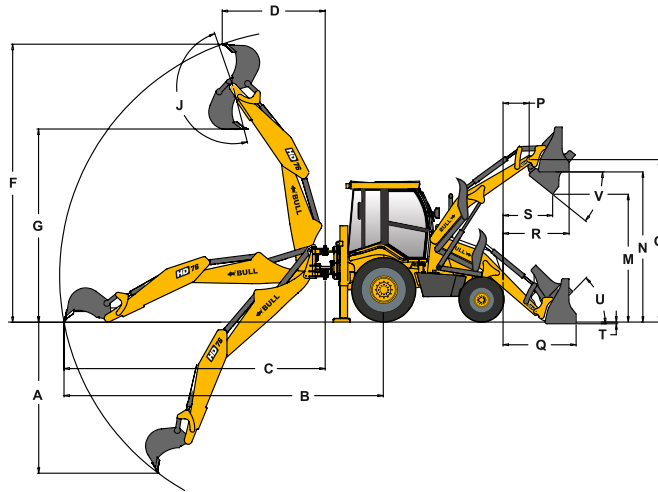
▲ Road Roller Compactor



▲ Concrete Mixer



▲ Booster Bucket



EXCAVATOR PERFORMANCE	STANDARD		EXTENSION (OPTION)	
	meters	ft-inch	meters	ft-inch
Standard bucket capacity	0.27 cu.m (standard)			
A Maximum dig depth	4.6 m	15ft-1in	5.60 m	18ft-4in
B Reach ground level to rear wheel centre	6.81 m	22ft-4in	7.91 m	25ft-11in
C Reach ground level to slew centre	5.50 m	18ft	6.60 m	21ft-7in
D Reach at full height to slew centre	2.85 m	9ft-4 in	3.56 m	11ft-8in
F Maximum working height	5.92 m	19ft-5in	6.77 m	22ft - 2in
G Maximum load over height	4.14 m	13ft-6in	5.02 m	16ft-5in
J Bucket rotation - power	188°			
Bucket tear out force	6072kgf			
Dipper tear out force	3150kgf			
Lift capacity to bucket pivot at full reach (No bucket fitted)	1400kgs			

Loader Performance	WITH LINK BRACKET		WITHOUT LINK BRACKET	
	meter	ft-inch	meter	ft-inch
Standard bucket capacity	1.1 cu. m G.P Showel			
M Dump height	2.93 m	9 ft - 7.3 in	2.96 m	9 ft - 8.5 in
N Load over height	3.39 m	11 ft - 1.4 in	3.39 m	11 ft - 1.4 in
O Pin height	3.61 m	11 ft - 10 in	3.61 m	11 ft - 10 in
P Pin forward reach	0.42 m	1 ft - 4.5 in	0.42 m	1 ft - 4.5 in
Q Reach at ground	1.47 m	4 ft - 9.87 in	1.47 m	4 ft - 9.87 in
R Reach at full height	1.42 m	4 ft - 7.9 in	1.28 m	4 ft - 2.3 in
S Reach at full height bucket dumped	1.1 m	3 ft - 7.3 in	0.89 m	2 ft - 11 in
T Bellow ground level dig depth	0.08 m	3 in	0.1 m	3.9 in
U Roll back at ground	50°		49°	
V Dump angle	45°		45°	
L Width over bucket (standard)	2.35 m			
Bucket break-out force	8183 kgf			
Loader arm break-out force	5251 kgf			
Pay load	1800 kgf			
Lifting capacity at loader arm hook pin	2500 kgf @ 220 bar			

<b>Engine</b>	Kirloskar 4R 1040, TC BS - BS - III Diesel Engine Gross Power : <b>56.7 KW (76HP) @ 2200 RPM</b> Gross Torque : <b>300 Nm @ 1500 RPM</b>
<b>Transmission</b>	CARRARO synchro - shuttle transmission with integral torque converter.
<b>Steering</b>	Power Steering.
<b>Drive</b>	2 WD & 4 WD options available.
<b>Electricals</b>	12V Battery System (130 Ah)
<b>Speed</b>	Forward Max <b>40 Km/Hr</b> Reverse Max <b>9.3 Km/Hr</b>
<b>Hydraulics Smart Technology</b>	Hydraulics : <b>3335 psi (230 bar)</b> Pump O/P : <b>113 LPM @ 2200 RPM</b>
<b>Weight</b>	<b>7850 Kgs</b> with Standard GP Bucket option
<b>Tyres</b>	<b>FRONT</b> 2WD - 9.00x16 - 16PR 4WD - 12.5/80x18 - 12PR <b>REAR</b> Industrial - 16.9 x 28 - 12 PR Heavy Duty - 14 x 25 - 20 PR
<b>Options</b>	Excavator Buckets Capacities - 0.27 cu.m (standard) Options - 0.14 , 0.19, 0.23cu.m

- Multipurpose 6 in 1 Bucket
- Telescopic Dipper
- Ac Cabin
- Booster Bucket 13ft Dump Height
- Rock Breaker
- Ripper Tooth
- Cabin Heater / Cold Starting Kit
- Trench Bucket

- Low owning & operation cost resulting in better ROI.
- "State of the art" Manufacturing plant with powder coating process for extended life.
- HD 76 - Smart Technology Hydraulics high on Performance, Low on power consumption.



ROAD ROLLER COMPACTOR	Specification	mm	in (ft-in)
A Overall Length (mm)		2260	7 ft 4.97 in
B Drum Length (mm)		2100	6 ft 10.5 in
C Overall Height (mm)		900	2 ft 11.4 in
D Overall Width (mm)		1230	4ft 0.35 in
Drum Diameter (mm)		900	2 ft 11.4 in
Operating Weight (kgf)		1500 kgf	
Vibrating Speed (rpm)		2500 rpm	
Vibrating Weight (kgf)		1000 kgf	
Drum Oscillation or Tilt (deg.)		12°	

CONCRETE MIXER	Specification	mm	in (ft-in)
A Overall Length (mm)		1960	6 ft 5.1in
B Bucket Length (mm)		1818	5 ft 11.5 in
C Overall Height (mm)		890	2 ft 11.03 in
D Overall Width (mm)		898	2 ft 11.35 in
E Flexible Discharge Hose (mm)		2000	6 ft 6 in
Bucket Capacity (Litres)		600ltr (21.2 cft)	
Type of Transmission		Chain Drive	
Easily Attachable With Quick Hitch Mechanism			
Hydraulic bottom opening to discharge Concrete			

ROCK BREAKER	Specification	
Total weight (kg)		420
A Total height (mm)		1725
B Breadth (mm)		600
C Diameter of tool (moil/chisel/blunt) (mm)		80
D Length of working tool(mm)		430
W Width (mm)		390
Hydraulic operating pressure (bar)		120-150
Hydraulic flow range (LPM)		60-90
Impact frequency (BPM)		530-1000
Suitable carrier weight class (tons)		5.2-9
N2 pressure (bar)		12-16.5

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**Dealer :**

\*All dimensions, shapes, weight & specifications may have allowed variance. The information contained in this leaflet is for illustration purpose only, BULL reserves the right to change without prior notice.