

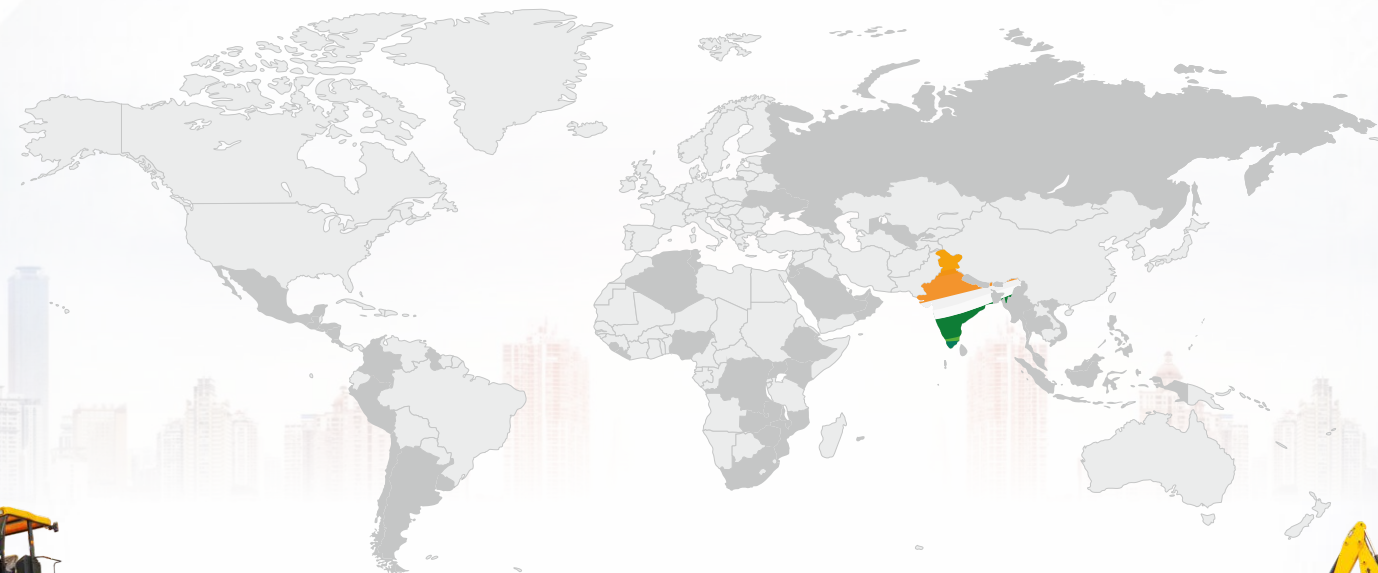


SMART KID

 **BULL**
MAKING INDIA PROUD
Now in **55+**
COUNTRIES



SKID STEER
AV 490



WORLD'S MOST
EFFICIENT BACKHOE



HD96

THE TRUE ALL ROUNDER

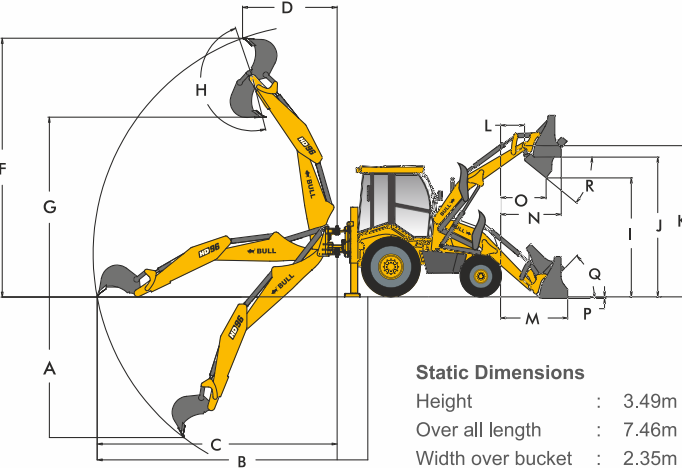
BULL MACHINES PVT.LTD,
SF.NO. 5/1A, L&T By Pass junction,
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✉ : exports@bullmachine.com

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☎ : 88832 88832
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Dealer:



Static Dimensions
Height : 3.49m
Over all length : 7.46m
Width over bucket : 2.35m

cu.m (standard)

EXCAVATOR PERFORMANCE	STANDARD	EXTENSION (OPTION)
Standard GP Bucket Capacity	0.30 cu.m (±5%) standard	
A Maximum DIG Depth	4.80 m	5.59 m
B Reach Ground Level to Rear wheel center	6.80 m	7.91 m
C Reach Ground Level to slew center	5.50 m	6.60 m
D Reach at full Height to slew center	2.85 m	3.56 m
F Maximum working Height	6.00 m	6.85 m
G Maximum Load over Height	4.14 m	5.02 m
H Bucket Rotation - Power	188°	
Bucket Tear out Force	6851 kgf*	
Dipper Tear our Force	3316 kgf*	

LOADER PERFORMANCE	STANDARD
Standard Bucket Capacity	1.26 cu.m G.P Showel
I Dump Height	2.96 m
J Load Over Height	3.39 m
K Pin Height	3.61 m
L Pin Forward Reach	0.42 m
M Reach at Ground	1.47 m
N Reach at full height	1.28 m
O Reach at full Height bkt Dumping	0.89 m
P Below ground level DIG Depth	0.1 m
Q Roll back at Ground	49°
R Dump Angle	45°
Bucket Break-out Force	8793 kgf
Loader Arm Break-out Force	5642 kgf
Pay Load	2000 kgf
Lifting capacity at loader arm hook pin	2600 kgf @ 230 bar

ENGINE

Kirloskar 4R 1040, T EURO-II, Diesel Engine
Gross Power : **71.6 kW (96 HP) @ 2200 RPM**
Gross Torque : **390 Nm @ 1400 RPM (±5%)**

TRANSMISSION

CARRARO synchro - shuttle transmission with integral torque converter

STEERING

Power Steering

ELECTRICAL

12 V battery system (180Ah)

TYRES

FRONT

2WD- 9.00X16 - 16PR
4WD- 12.5/80X18 - 12PR

REAR

Industrial (Standard) : 16.9X28 - 12PR
Optional : 19.5LX24 - 12PR
14X25 - 20PR (Heavy Duty)

SPEED

Forward Max : **40 Km/Hr**
Reverse Max : **9.3 Km/Hr**

HYDRAULICS

Smart Hydraulics : **3480 p.s.i. (240 bar)**
Pump O/P : **134 LPM @ 2200 RPM**

WEIGHT

8150 Kgs with Standard **GP** Bucket option

DRIVE

4 Wheel Drive

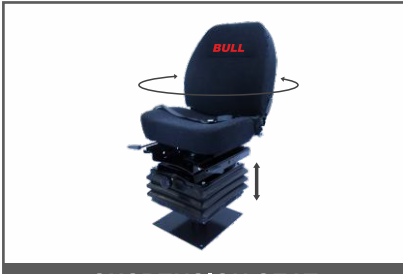
BACKHOE BUCKET OPTIONS

0.10 cu.m, 0.22 cu.m, 0.31 cu.m

WORLD CLASS CABIN COMFORT



Tiltable Steering



SUSPENSION SEAT (OPTIONAL)



A/C Option



Kick Down Function For Torque Management

EASY TO MAINTAIN AT LOW COST



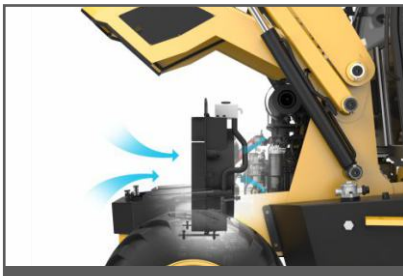
Engine high temperature Warning Alarm



Auto Greasing System (Optional)



Front Opening Bonnet



Single layer Radiator/ Cooler: Easy to clean



WHEN PERFORMANCE MEETS
FLEXIBILITY
THE ALL ROUNDER MACHINE

www.bullindia.com

WORLD'S BEST COMPONENTS



96 HP Kirloskar Engine



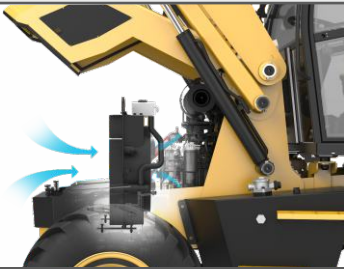
CARRARO Transmission



Carlisle Brake (USA)



Hydro Control Walvoil (italy) Valve



AKG (German) Radiator Cooler



Casappa (Italy) pump



BULLINFORMATIC



World Famous Carraro (Italy) Axle