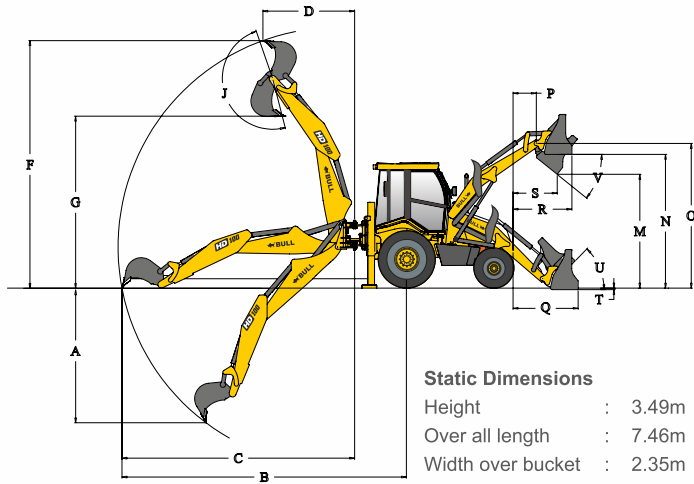


WORLD'S MOST
EFFICIENT BACKHOE



HEAVY DUTY
HD 100

THE TRUE ALL ROUNDER



Static Dimensions

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

EXCAVATOR PERFORMANCE	STANDARD	EXTENSION (OPTION)
Standard GP Bucket Capacity	0.27 cu.m (standard)	
A Maximum DIG Depth	4.60 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	5.92 m	6.77 m
G Maximum Load over Height	4.14 m	5.02 m
J Bucket Rotation - Power	188°	
Bucket Tear out Force	6851 kgf*	
Dipper Tear our Force	3316 kgf*	
Lift capacity to bucket Pivot at full Reach (without Bucket)	1400 kgs*	
LOADER PERFORMANCE	STANDARD	
Standard Bucket Capacity	1.2 cu.m G.P Showel	
M Dump Height	2.96 m	
N Load Over Height	3.39 m	
O Pin Height	3.61 m	
P Pin Forward Reach	0.42 m	
Q Reach at Ground	1.47 m	
R Reach at full height	1.28 m	
S Reach at full Height bkt Dumping	0.89 m	
T Below ground level DIG Depth	0.1 m	
U Roll back at Ground	49°	
V 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

PERKINS 1104D-44TA, EU NRMM 97/68/EC EURO III A

Gross Power
74.5 Kw (100HP) @2200 RPM.

Gross Torque
410 Nm @ 1400 RPM

TYRES

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

REAR Industrial : 16.9X28 - 12PR
 Heavy Duty : 14X25 - 20PR

HYDRAULICS

Smart Technology Hydraulics
3480 psi (240 bar)

Pump flow
145 Lpm @ 2200 RPM.

WEIGHT

8200 Kgs with Standard GP bucket option

BACKHOE BUCKET OPTIONS

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

TRANSMISSION

CARRARO Synchro - Shuttle Transmission with integral torque converter

DRIVE

4 Wheel Drive

STEERING

Power Steering

ELECTRICAL

12 V battery system (180Ah)

SPEED

Forward Max : **37 Km/Hr**
 Reverse Max : **22 Km/Hr**

WORLD CLASS CABIN COMFORT



Tiltable Steering



Forward Reverse Switch



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



Trench Bucket



Rock Breaker



Booster Bucket
(12.98 ft Dump Height)



Detachable Dozerblade
6 in 1 Bucket



Fork Lift



Grabbing Fork



Bale Grabber



Concrete Mixer



Road Roller
Compactor



WITH QUICK HITCH

WORLD'S BEST COMPONENTS



100 HP Perkin's
Engine



Carraro (Italy)
Transmission



Carlisle Brake (USA)



Hydro Control Walvoil
(Italy) Valve



AKG (German) Radiator Cooler



Casappa (Italy) pump



BULLINFOMATIC



World Famous
Carraro (Italy) Axle

WHEN PERFORMANCE MEETS
FLEXIBILITY
THE ALL ROUNDER MACHINE

www.bullindia.com



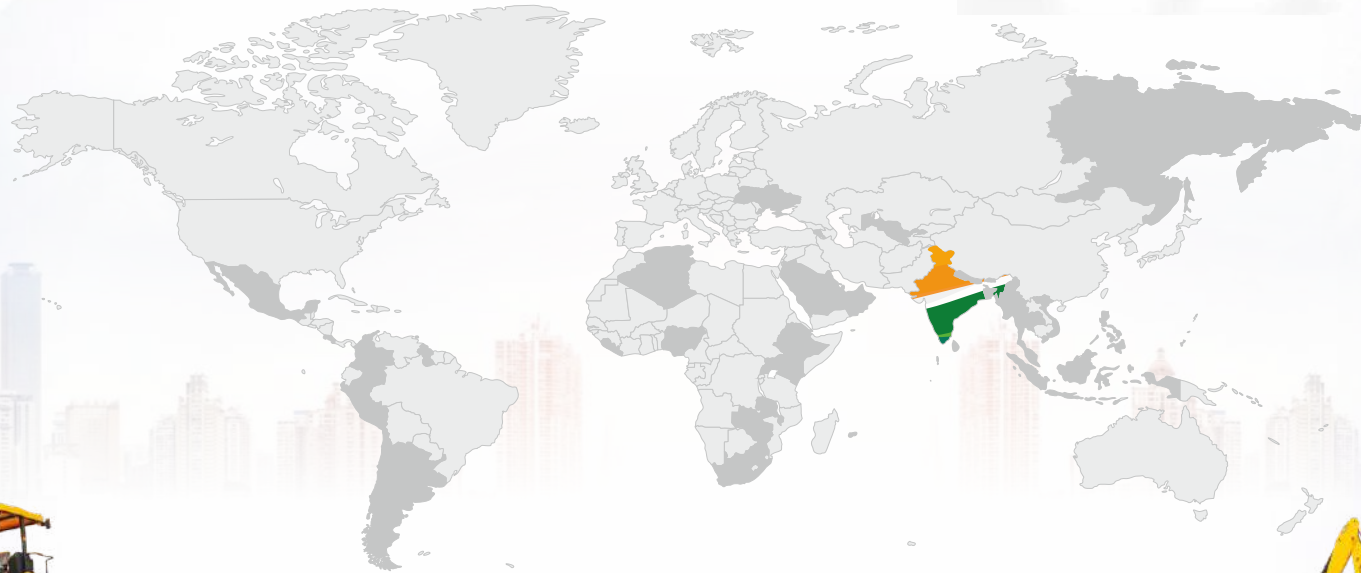
SMART KID



BULL
MAKING INDIA PROUD
Now in **46+**
COUNTRIES



SKID STEER
AV 490



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SF.NO. 5/1A, L&T By Pass junction,
Trichy Road, Coimbatore - 641 103, INDIA.

☎ : +91 98426 70184

✉ : Info@bullmachine.com

Sales

☎ : +91 98422 87770

✉ : Sales@bullmachine.com

International sales

✉ : exports@bullmachine.com

Service and Spares

☎ : 88832 88832

✉ : care@bullmachine.com

Dealer: