

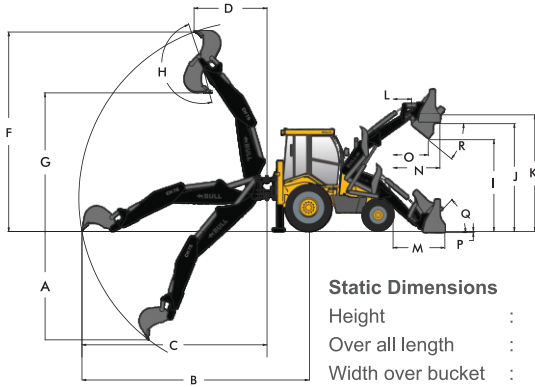


UPTO
15%
MORE FUEL SAVING

UPTO
20%
HIGHER TORQUE
BETTER PERFORMANCE

CHALLENGER CH 76

* Against BS III Challenger, tested under controlled environment. T&C Apply.



Static Dimensions

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

LOADER PERFORMANCE

Standard GP Bucket Capacity

Challenger
With Link Bracket
1.26 cu.m

Challenger
Without Link Bracket
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	1.1m	0.89m
P	Below ground level DIG Depth	0.08m	0.1m
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	
	Pay Load	2200 kgf	
	Lifting Capacity At Loader Arm Hook Pin	2600 kgf	

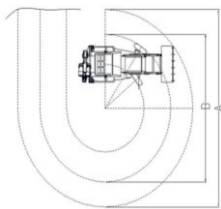
EXCAVATOR PERFORMANCE

Challenger STANDARD

Standard GP Bucket Capacity

0.26 cu.m

A	Maximum DIG depth	4.77 m	15 ft-7.7in
B	Reach Ground Level to Rear wheel center	6.77 m	22 ft-2.53in
C	Reach at Ground level to slew center	5.47 m	17 ft-11.35in
D	Reach at full height to slew center	2.82 m	9 ft-3in
F	Maximum working height	5.98 m	19 ft-7.4in
G	Maximum Load over Height	4.19 m	13 ft-9.3in
H	Bucket Rotation angle	201°	
	Bucket Tear out force	5936 kgf	
	Dipper Tear out force	3109 kgf	



TURNING CIRCLE

CH 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

CH 76

Fuel Tank	115Ltr
-----------	--------

ENGINE

Ashok Leyland H4CSE5520 BS-V (CEV)
 Diesel Engine (3840 cc)
 Aspiration: **Turbocharged**
 Gross power: **55 HP (40.5kW) @ 2000 rpm**
 Gross torque: **290Nm @ 1200rpm**

TYRES

FRONT 2WD- 9.00X16 - 16PR
REAR Industrial : 16.9X28 - 12PR
 Heavy Duty : 14X25 - 20PR

HYDRAULICS

Pump type : Load Sensing
 Variable Piston Pump
 Pressure : 3335 p.s.i (230 bar)
 Pump Flow : 108 lpm @ 2000 rpm
 119 lpm @ high rpm

WEIGHT

2WD-8010 Kgs (Standard Bucket)

DRIVE

2 Wheel Drive

TRANSMISSION

CARRARO - 2WD
 Synchro-shuttle Transmission with
 integral torque convertor

STEERING

Power Steering

ELECTRICAL

12V Battery Systems (150Ah)

SPEED

Forward Max : **36 Km/Hr**
 Reverse Max : **9.3 Km/Hr** (2nd gear)

BACKHOE BUCKET OPTIONS

Excavator Standard bucket : 0.26 cu.m
 Trench bucket



TILTABLE STEERING



ROPS FOPS ON FULL CABIN



TALLEST DUMPING BACKHOE LOADER



POWDER COATED MACHINE



COMFORTABLE SEAT AIR CUSHION (Optional)



OIL IMMERSSED 3 DISC RAPID FILL BRAKE SYSTEM



TELEMATICS & MACHINE FLEET MONITORING SYSTEM

BULL INFOMATICS



HEAVY DUTY STEEL KING POST

THE TRUE ALL ROUNDER

INTERCHANGEABLE BUCKET ATTACHMENTS



ENGINE
ASHOK LEYLAND H4CSE5520
BS V (CEV)
Diesel Engine 3840 CC
Aspiration: **Turbocharged**



HYDRAULIC PUMP **AS MODE**
Auto Sensing **Road** | **Loader** | **Eco** | **Power mode**
Backhoe
Automatic vehicle senses the different mode requirement (**R** | **L** | **E** | **P**) based on the demand of workload.



SMART SENSING VALVES
State of the Art loading sensing high efficiency valves.

RAPID SERVICE

Closed only after your OTP



RAPID >>>
SMART APP FOR
SERVICE REGISTRATION

RAPID >>>
SERVICE HELPLINE
88832 88832

106+
DEALERS
ACROSS INDIA

5000
HOURS **ENGINE**
WARRANTY*

OR

2
YEARS **ENGINE**
WARRANTY*

42%
LESS **SERVICE**
CHARGES**

* Engine warranty is subject to whichever condition occurs first.

** Service charges depend on consumables and the service policy provided by Bull Machines. Please read the policy carefully before proceeding.

SQUARE CUT 90° FOUNDATION BUCKET



✓ Perfect square cut bucket

✗ No manual trim

No man power problem



Specifically designed for civil foundation pits and water tanks, septic tank, trenches.

NOW IN **68+**
COUNTRIES



GRANDIA
4WDx4WS



SMART KID



SD 76
LOADER



CHALLENGER



CHAMPION



NEW
GRANDIA
DLX



SUPER SMART
HIGH SPEED SERIES



HD 76
CRUSHER KING



HD 100



HD 96



SKID STEER
AV490



BULL MACHINES PVT.LTD,

S.F. No 41, Kangayampalayam Post,
Trichy Road, Sulur,
Coimbatore - 641 401, INDIA

Sales

☎ : +91 98422 87770
✉ : sales@bullmachine.com

International sales

✉ : exports@bullmachine.com

Service and Spares

☎ : 88832 88832
✉ : care@bullmachine.com

www.bullindia.com

Dealer: