

WORLD'S MOST EFFICIENT BACKHOE



HD 76
HEAVY DUTY

SD 76
CHAMPION | SUPER SMART

CH 76
CHALLENGER





HEAVY DUTY - HD 76

NEW CHAMPION | SUPER SMART - SD 76

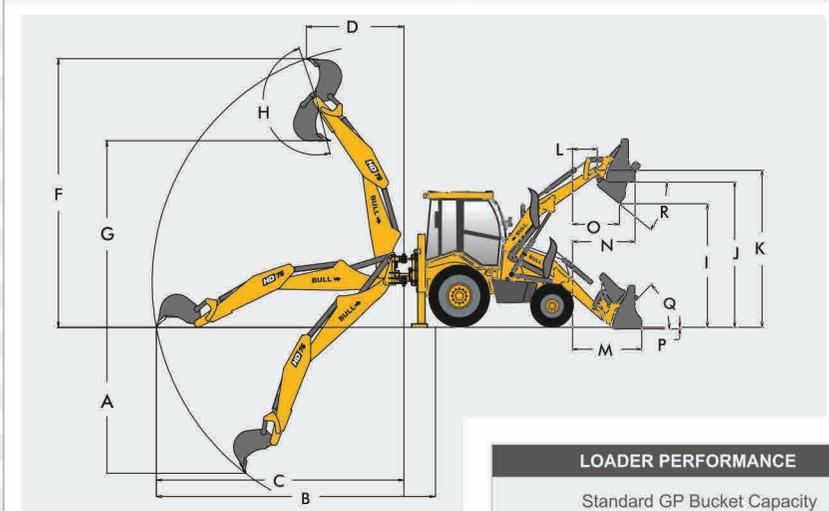
NEW CHALLENGER - CH 76

ENGINE	Kirloskar 4R1190, BSIV Diesel Engine (4760cc) Gross Power : 75HP (54.8KW) @ 2200 RPM Gross Torque : 300Nm @ 1300 RPM				
TRANSMISSION	CARRARO Synchro-shuttle Transmssion with integral torque convertor (Ratio : 2.64)				
STEERING	Power Steering				
ELECTRICALS	12V Battery System (150Ah)				
TYRES	FRONT	2WD 9.00X16 - 16PR 4WD 12.5/80X18 - 12PR			
	REAR	Industrial : 16.9X28 - 12PR Heavy Duty : 14X25 - 20PR			
SPEED	Forward Max 40 Km/Hr Reverse Max 9.3 Km/Hr (2nd Gear)				
HYDRAULICS	Pump Type : Gear Pump Pressure : 3335 p.s.i (230 bar) Pump Flow : 120 lpm (Max)				
WEIGHT	8160 Kgs				
FEATURES	VARIANT	EX	LX	JX	AX
Air Condition/with Heater (Option)		X	✓	O	✓
Agile Joystick Drive With Ajs Technology		X	X	✓	✓
Suspension Seat		X	✓	✓	✓
Adjustable Steering Provision		✓	✓	✓	✓
Radio/music System		✓	✓	✓	✓
Co-driver Seat		✓	✓	✓	✓
Bonnet Opening From Inside Cabin		✓	✓	✓	✓
Eco/speed Mode Automatic		✓	✓	✓	✓
Floating Mode Option For Powerful Dozing		✓	✓	✓	✓
Power Shift Transmission		X	X	X	✓
Automatic Transmission		X	X	X	✓
Smart & Hi-tech Hydraulics		✓	✓	✓	✓
Hi-speed Swing Mechanism		✓	✓	✓	✓
Heavy Duty Structure, Boom Etc		✓	✓	✓	✓
Heavy Duty Pin & Bushes(double Life)		✓	✓	✓	✓
Low Fuel/ Engine Overheat Alarm Warning		✓	✓	✓	✓
Tinted Glasses		✓	✓	✓	✓
Kick Down (power Loading)		X	X	X	✓
Backhoe Quick Hitch (option)		O	O	O	O
Loader Quick Hitch (option)		O	O	O	O

ENGINE	Kirloskar 4R1190, BSIV Diesel Engine (4760 cc) Gross Power : 75HP (54.8KW) @ 2200 RPM Gross Torque : 300Nm @ 1300 RPM	
TRANSMISSION	CARRARO Synchro-shuttle Transmssion with integral torque convertor (Ratio : 2.64)	
STEERING	Power Steering	
ELECTRICALS	12V Battery System (150Ah)	
TYRES	FRONT	2WD- 9.00X16 - 16PR 4WD- 12.5/80X18 - 12PR
	REAR	Industrial : 16.9X28 - 12PR Heavy Duty : 14X25 - 20PR
SPEED	Forward Max : 40 Km/Hr Reverse Max : 9.3 Km/Hr (2nd Gear)	
HYDRAULICS	CHAMPION	Pump type : Gear Pump Pressure : 3335 p.s.i (230 bar) Pump Flow : 120 lpm (Max)
	SUPER SMART	Pump type : Load Sensing Variable Piston Pump Pressure : 3335 p.s.i (230 bar) Pump Flow : 130 lpm
WEIGHT	8010 Kgs	

ENGINE	Kirloskar 4R1040 Emission Certified Diesel Engine (4160 cc) Gross Power : 49HP (36KW) @ 2000 RPM Gross Torque : 250Nm @ 1200 RPM	
TRANSMISSION	CARRARO Synchro-shuttle Transmssion with integral torque convertor (Ratio : 2.64)	
STEERING	Power Steering	
ELECTRICALS	12V Battery System (130Ah)	
TYRES	FRONT	2WD- 9.00X16 - 16PR 4WD- 12.5/80X18 - 12PR
	REAR	Industrial : 16.9X28 - 12PR Heavy Duty : 14X25 - 20PR
SPEED	Forward Max : 36 Km/Hr Reverse Max : 8.3 Km/Hr (2nd Gear)	
HYDRAULICS	Pump type : Load Sensing Variable Piston Pump Pressure : 3335 p.s.i (230 bar) Pump Flow : 130 lpm (Max)	
WEIGHT	7805 Kgs	

Available Variant : EX / LX / JX / AX



More Bucket Breakout Force & Backhoe Bucket Capacity

Variable piston pump
* Available for Super Smart & Challenger

Most fuel efficient backhoe in the world in its class*

CH 76 - SD 76 Square cut Bull Bucket For Civil Foundation

Powder Coating : Scratch Resistant Painting

Effy Power system : for better power management and fuel saving

Engine high temperature Warning Alarm

Single layer Radiator/ Cooler: Easy to clean

EXCAVATOR PERFORMANCE		HD 76	SD 76	CH 76
		STANDARD	STANDARD	STANDARD
	Standard GP Bucket Capacity	0.27 cu.m	0.26 cu.m	0.26 cu.m
A	Maximum DIG depth	4.60 m	4.77 m	4.77 m
B	Reach Ground Level to Rear wheel center	6.81 m	6.77 m	6.77 m
C	Reach at Ground level to slew center	5.50 m	5.47 m	5.47 m
D	Reach at full height to slew center	2.85 m	2.82 m	2.82 m
F	Maximum working height	6.08 m	5.98 m	5.98 m
G	Maximum Load over Height	4.38 m	4.19 m	4.19 m
H	Bucket Rotation angle	188 °	201 °	201 °
	Bucket Tear out force	6531 kgf	5936 kgf	5936 kgf
	Dipper Tear out force	3150 kgf	3109 kgf	3109 kgf

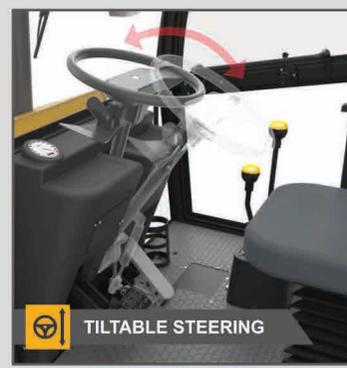
LOADER PERFORMANCE	HD 76	SD 76	CH 76
Standard GP Bucket Capacity	1.26 cu.m	1.26 cu.m	1.1 cum
I Dump Height	2.96 m	2.96 m	2.96 m
J Load Over Height	3.39 m	3.39 m	3.39 m
K Pin Height	3.61 m	3.61 m	3.61 m
L Pin Forward Reach	0.42 m	0.42 m	0.42 m
M Reach at Ground	1.47 m	1.47 m	1.47 m
N Reach at full height	1.28 m	1.28 m	1.28 m
O Reach at full Height BKT Dumping	0.89 m	0.89 m	0.89m
P Below ground level DIG Depth	0.1 m	0.1m	0.1m
Q Roll back at Ground	49 °	49°	49 °
R Dump Angle	45 °	45°	45 °
Bucket Break-out Force	8183 kgf	8183 kgf	8183 kgf
Loader Arm Break-out Force	5315 kgf	5315 kgf	5315 kgf
Pay Load	2400 kgf	2400 kgf	2200 kgf

*All specifications are subjected to change by BULL without prior notice.

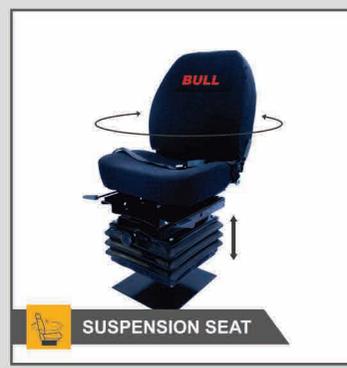


WHEN PERFORMANCE MEETS
FLEXIBILITY
THE ALL ROUNDER MACHINE

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TILTABLE STEERING



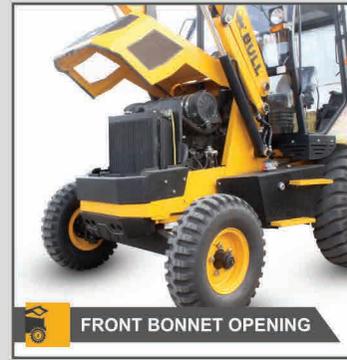
SUSPENSION SEAT



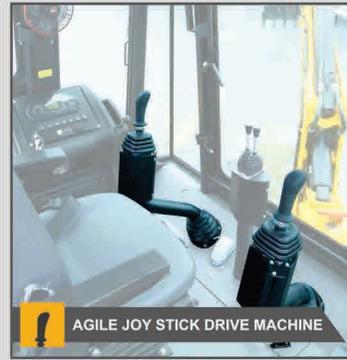
AIR CONDITION



FM RADIO



FRONT BONNET OPENING



AGILE JOY STICK DRIVE MACHINE



TINTED GLASS



INFOMATIC APPLICATION
(Optional)



SMART KID



MAKING INDIA PROUD
Now in **44+**
COUNTRIES



SKID STEER
AV 490



CH 76
CHALLENGER
NEW LAUNCH



CH 76
CHALLENGER
NEW LAUNCH



SD 76
CHAMPION
NEW LAUNCH



SD 76
SUPER SMART
NEW LAUNCH



HD 76



HD 100



CRUSHER KING

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