



BACKHOE LOADERS
B900



One Tough Animal™

B900 SPECIFICATIONS

ENGINE

Make	Ashok Leyland
Model	H4C47422
Emission compliance	CEV Stage - IV
Aspiration	Turbo Charged
Gross Power	74 Hp @ 2200 Rpm
Maximum Torque	336Nm @ 1400 +/-100 Rpm
No of cylinders	4
Displacement	3839 cc
Engine Cooling	Water Cooled

ELECTRICAL SYSTEM

Battery	12 volts / 130 Ah
Alternator	Output 90A

TRANSMISSION

Make / Type	Carraro /Synchro Shuttle.
Maximum Travel Speed	40 Kmph

SPEED DIFFERENT GEAR POSITIONS

Forward	Reverse
1st 5.7 kmph	1st 5.7 kmph
2nd 9.1 kmph	2nd 9.1 kmph
3rd 20.5 kmph	Not recommended
4th 40.0 kmph	Not recommended

AXLES

Front Axle	Steer axle, centrally Pivoted, with oscillation angle 16°
Rear Axle	Rigidly mounted rear axle with outbound planetary drives.

HYDRAULIC SYSTEM

Type	Open Center Hydraulics
Pump Type	Variable Displacement Axial Piston Pump
Maximum Pump Capacity	54cc. (119 Lpm @ 2200 Rpm)
System Pressure	220 Bar

STEERING

Type	Front Wheel Steering (With dedicated steering pump)
Steering Pump Type / Capacity	Gear Pump / 16cc (33 Lpm) @ 2200 Rpm

TURNING CIRCLE

Outside Front Wheels (mm) (without brake)	8500
Outside Widest Loader Bucket (mm) (without brake)	11700
Outside Front Wheels (mm) (with brake)	6300
Outside Widest Loader Bucket (mm)(with brake)	9200

BRAKES

Service Type	Hydraulic wet multi disc , dual pedal braking
Parking Type	Mechanical control on rear axle

STANDARD WEIGHTS

Operating Weight (kg)	7990
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TYRES

Standard tyre type	Industrial
Size - Front	9 x 16
Size - Rear	16.9 x 28
Optional Tyre Type	Heavy Duty
Optional Tyre Size (Rear)	14 x 25

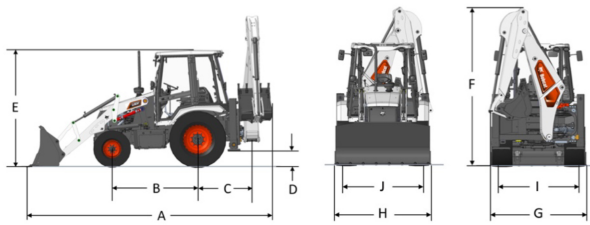
BACKHOE PERFORMANCE

Standard Backhoe Bucket Capacity	0.27 m ³
Bucket Tear out Force (Kgf)	6121
Dipper Tear out Force (Kgf)	3072
Lift capacity of bucket pivot at full reach (no bucket fitted) (kg)	1685
Bucket Rotation Angle	202°

LOADER PERFORMANCE

Standard (GP) Loader Bucket Capacity	1.1 m ³
Lift Capacity at Maximum Height (ISO 14397-2), Kg	4152
Pay Load (kg)	2000
Shovel Breakout Force, Kgf	6115
Loader Arm Breakout Force, Kgf	6222
Maximum Hinge Pin Height (mm)	3514
Bucket Roll Back Angle at Maximum Hinge Pin Height (mm)	64°
Maximum Bucket Rollback at Ground Level	45°

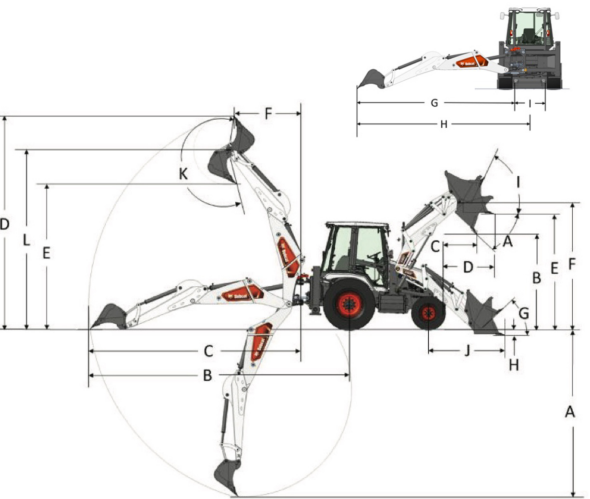
MACHINE DIMENSIONS



OVERALL MACHINE DIMENSIONS

[A]	6144	[F]	3760
[B]	2170	[G]	2286
[C]	1328	[H]	2350
[D]	382	[I]	1725
[E]	2983	[J]	1965

BACKHOE AND LOADER SPECIFICATIONS



BACKHOE DIMENSIONS

[A]	4966
[B]	7135
[C]	5807
[D]	6288
[E]	4418
[F]	1812
[G]	5773
[H]	6313

LOADER DIMENSIONS

[A]	43°
[B]	2737
[C]	853
[D]	1329
[E]	3211
[F]	3514
[G]	45°
[H]	145
[I]	64°
[J]	1619

STANDARD FEATURES

Enclosed Cabin	Radio / MP3 Player
Cabin Fan	Horn
Reverse Alarm	Rear View Mirrors
Steering Wheel Knob	Road Kit
Industrial Tyres	Bobcat i-Connect Telematics

OPTIONAL FEATURES

Heavy Duty Tyres
Hydraulic Breaker Piping

OPTIONAL ATTACHMENTS

Hydraulic Breaker
6 in 1 Multi-Purpose Loader Bucket
Different Sizes of backhoe buckets



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