

B700 | Backhoe Loaders

Specifications

Engine

Make / Model	Perkins / 1104C-44T
Compliance	EU Stage II and EPA Tier 2
Aspiration	Turbocharged
Number of cylinders	4.0
Displacement	4.40 L
Rated gross power (ISO 14396)	74.5 kW
Rated gross power (ISO 14396)	100.0 HP
Rated speed	2200.0 RPM
Maximum torque @1350 RPM	408.0 Nm
Fuel	Diesel
Cooling	Water
Reference Value - Net power @ 2200 RPM:	69.5kW

Electrical System

Battery	12 V 120 Ah
Starter	3.2 kW

Transmission

Make / Model	Cararro
Type	Synchroshuttle
Max travel speed 2nd forward/reverse	9.3/9.3 km/h
Max travel speed 3rd forward/reverse	21.4/21.4 km/h
Max travel speed 4th forward/reverse	40.0/40.0 km/h

Front Axle

Axle load rating - dynamic	10000 kg
Type	2WD (4WD opt)
Oscillation	16.0°

Rear Axle

Make	Cararro
Differential lock	Standard

Hydraulic System

System type	Open centre
Pump	Tandem gear pump
Flow	79.0 + 57.0 L/min
System pressure	220.00 bar
Controls, backhoe	Mechanical levers
Controls, loader	Mechanical lever

Steering

Type	2WS
Turning circle (unbraked), outside front tyres	7900.0 mm
Turning circle (unbraked), outside loader bucket	11400.0 mm

Brakes

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

Operating Weights

Base machine	6600 kg
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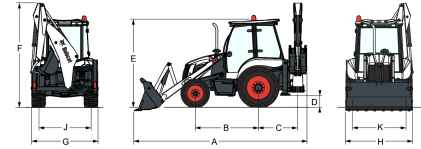
Tyres

2WD front	9.0-16
4WD front	12.5-18
Rear	16.9-28

Standard Features

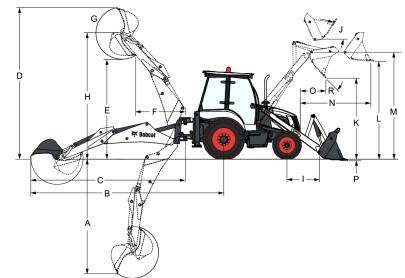
ROPS/FOPS Enclosed cab with fan	Exterior mirrors
Mechanical suspension seat with seat belt	Radio/CD player
Arm rest	Rotating beacon
Sunvisor	Horn
Floormat	Reverse alarm
Tilted steering column	Heater
Steering wheel knob	Rear windscreen heater
Tinted front windscreen and wiper	600 mm backhoe bucket
Tinted rear windscreen and wiper	Fully equipped dashboards
6 work lights (2 front, 4 rear)	General purpose loader bucket
Side storage	

Dimensions



(A)	5710.0 mm	(F)	3553.0 mm
(B)	2100.0 mm	(G)	2209.0 mm
(C)	1278.0 mm	(H)	2230.0 mm
(D)	400.0 mm	(J)	1740.0 mm
(E)	2830.0 mm	(K)	1870.0 mm

Working range



(Retracted/Extended)			
(A)	4005/4805 mm	(J)	59.0°
(B)	6440/7173 mm	(K)	2740.0 mm
(C)	5162/5895 mm	(L)	3230.0 mm
(D)	5015/5515 mm	(M)	3500.0 mm
(E)	3275/3810 mm	(N)	1200.0 mm
(F)	1750/2372 mm	(O)	790.0 mm
(G)	200/200°	(P)	100.0 mm
(H)	4150/4678 mm	(R)	45.0°
(I)	1163.0 mm		

Loader Performance

Bucket capacity, GP	1.00 m ³
Breakout force, bucket	44.00 kN
Breakout force, arm	47.00 kN
Rated operating capacity at max height	3015 kg
Dump height	2740.0 mm

Backhoe Performance

Bucket capacity	0.20 m ³
Bucket tearout	44.00 kN
Dipper tearout retracted	30.00 kN

Options

Air conditioning	Ride Control
ROPS/FOPS Canopy	

Optional Attachments

Backhoe	
Hammer piping	
Different sizes of backhoe buckets	
Hydraulic hammer	
Extendable boom	
Loader	
6 in 1 loader bucket	
Pallet forks	