

BACKHOE LOADERS 880



“Embodiment of Power...”



Engine

	TIER II	TIER III
Make	PERKINS	
Model	1104C - 44T	1104D - 44T
Type	4 Stroke diesel Turbocharged	4 Stroke diesel Turbocharged
Rated Power	92 hp / 63,5 kW	94 hp / 70 kW
Rated Speed	2200 rpm	2300 rpm
Displacement	4,4 L.	
Bore and Stroke	105 x 127 mm	
No of Cylinders	4	
Max. Torque	395 Nm	392 Nm
Cooling	Water cooled engine oil radiator	

Electrical System

Battery	12/105 V/Ah
Starter	3 kW

Drive Train

Transmission:

Make	Carraro
Type	Powershuttle
Transmission Disconnect	With brake system

Travel Speeds

1st (forward/reverse)	5,80 / 5,80 km/h
2nd (forward/reverse)	9,30 / 9,30 km/h
3rd (forward/reverse)	21,40 / 21,40 km/h
4th (forward/reverse)	40,00 / 40,00 km/h

Axles:

	Standard	Optional
Make	Carraro	Carraro
Type	2WD	4WD
Axle Oscillations	16° total oscillation on front axle	
Rear Axle	Electro-hydraulic operated differential lock	

Hydraulic System

	TIER II	TIER III
System Type	o-center	
Hydraulic Pump	Gear pump	Tandem pump
Max. Flow	128 l/min	56+79
Max. Press.	220 bar	
Hydraulic Oil Filter	Full flow filter in return line with integrated fine filter area	
Hydraulic Oil Cooler	Hydraulic and transmission oil cooler	

Hydraulic Controls

Backhoe Controls	Mechanical control levers
Loader Control	Mechanical control lever

Brakes

» Hydraulically foot operated service brake two pedals acted on four wheels.

2 Wheel / 4 Wheel	2 Wheel
Service Type	Hydraulic wet multi-disc
Parking Type	Mechanical control on rear axle



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Steering

Steering Type	2 Wheel
Power Steering	Hydrostatic

Turning Circle (Without Brakes)

Out.Front Tire Clearance	7 900 mm
Out.Loader Bucket Clearance	11 400 mm

Backhoe Attachment

Max. Bucket Tearout Retract	44 kN
Dipper Tearout Retracted	30 kN
Bucket Capacity	0,2 m ³
Bucket Width	600 mm

Loader Attachment

Bucket Capacity	1,0 m ³
Breakout Force Lift	47 kN
Breakout Force Bucket Max.	44 kN
Bucket Width	2230 mm
Lift to Full Height	3015 kg

Tires

	Standard		Optional
	2WD	4WD	
Front	9,0 x 16-12	12,5 / 80-18	
Rear	16,9 - 28	16,9 - 28	

Weights

Operating Weight	7100 - 8500 kg
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- Illustrations and data may differ from standard equipment.
- Specifications are subject to change without notice.
- See your ÇUKUROVA dealer for available options.

Canopy

- » Specially designed ROPS/FOPS canopy provides perfect operating comfort, excellent visibility, and reliability.
- » Front and side control panels are fully equipped with the latest technology, the arrangement of controls are within easy reach, the audible and visual warning on main function guide operator for failures and adjustable steering column as standard gives extra driving comfort to the operator.
- » Tinted front safety glass and six post structure give excellent visibility.



Capacities

	Liters
Engine Oil	8,4
Cooling System	23,0
Fuel Tank	120,0
Hydraulic Tank	85,0
Hydraulic System	125,0
Front Axle	8,3
Rear Axle	15,5
Brake Oil	0,4

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