



## BACKHOE LOADERS 888

“ Embodiment of Power... ”



### Engine

Make	John Deere
Model	PowerTech M 4.5L - 4045HF280
Type	4 Stroke Diesel Turbocharged, Tier III
Rated Power	100 hp / 74,5 kW
Rated Speed	2200 rpm
Displacement	4,5 L.
Bore and Stroke	106 x 127 mm
No of Cylinders	4
Max. Torque	383 Nm
Cooling	Water Cooled Engine and Oil Cooler

### Electrical System

Battery	12/120 V/Ah
Starter	4,8 kW

### Drive Train

#### Transmission:

Make	Carraro
Type	Powershift
Transmission Disconnect	With push button and brake system

### Travel Speed

1st (forward/reverse)	5,80 / 5,80 km/h
2nd (forward/reverse)	9,60 / 9,60 km/h
3rd (forward/reverse)	21,20 / 21,20 km/h
4th (forward/reverse)	40,00 / 40,00 km/h

### Axles:

- » Carraro front and rear axle.
- » All Wheel Drive (AWD) is standard.
- » AWD is engaged by the switch on front instrument panel.
- » AWD can be engaged in all applications; load and carry, roading, in any gear, forward or reverse.
- » 52 degrees steering angle for perfect maneuverability.
- » Outboard planetary reduction gears.
- » Electro-hydraulic operated differential %100 locking acts an rear axle.
- » 16° total oscillation on front axle.

### Hydraulic System

- » Hydraulic speed control system.
- » Bolt type cylinder design with all sealed pins and bushings for easy maintenance and long life.
- » Cushioned Swing and Boom provides maximum operator comfort for fast and smooth trenching.

System Type	o-center
Hydraulic Pump	Tandem gear
Max. Flow	90 + 64 l/min
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	Hydraulic joystick controls
Loader Control	Hydraulic joystick control

### Brakes

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

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



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## Steering

» 2 wheel steering, 4 wheel steering and crab steering.

Steering Type	4 Wheel	
Power Steering	Hydrostatic	
Turning Circle (without brakes)	4x4 Mod	4x4x4 Mod
Out. Front Tire Clearance	16,750 mm	11,700 mm
Out. Loader Bucket Clearance	20,100 mm	11,240 mm

## Backhoe Attachment

Max. Bucket Tearout Retract	59,1 kN
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## Dipper Tearout

Retracted	31,8 kN
Extended	22,4 kN

## Loader Attachment

Shovel Capacity	1,1 m <sup>3</sup>
Breakout Force Lift	56,1 kN
Breakout Force Shovel Max.	81,6 kN
Shovel Width	24000 mm
Lift to Full Height	3440 kg

## Tires

Front 4WD	16,9 - 28
Rear 4WD	16,9 - 28

## Weights

Operating Weight	8700 - 9750 kg
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- Illustrations and data may differ from standard equipment.
- Specifications are subject to change without notice.
- See your CUKUROVA dealer for available options.

## Cab

- » Specially designed ROPS/FOPS cab 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 failure and adjustable steering column as standard gives extra driving comfort to the operator.
- » Full-opening of rear side windows, partial and full-opening of the doors provide superior fresh air circulation in the cab, tinted safety glass improves visibility and sun visor protects operator against strong sunlight and ensures clear vision.
- » Radio / CD Player as standard.



## Capacities

Capacities	Liters
Engine Oil	13
Cooling System	25
Fuel Tank	140
Hydraulic Tank	75
Hydraulic System	130
Front Axle	11,5
Rear Axle	16
Brake Oil	0,4
Transmission Oil	19

## Çukurova 883-885

