

8000-4WD  
**8000-4WD Series Tractor**

**MAHINDRA**  
T R A C T O R S



**3 YEAR WARRANTY\***



\*3 Year Engine & Powertrain Warranty.  
See dealer for details.



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Your  
Dreams™

8000-4WD

## 8000-4WD Series Tractors

### Superior Performance

The 8000-4WD series tractors deliver high level productivity at an economical price. These tractors come standard with a high performance engine, heavy duty synchromesh transmission designed to match the impressive power and torque characteristics of the engine and robustly built housing which results in an overall tractor weight of 3042kgs. The 8000-4WD series tractors are ideal for primary and secondary tillage, livestock operations, crop protection, mowing, slashing, haulage, loader applications and other basic chores on the farm. These tractors feature suspended brake and clutch pedals and the uncluttered platform makes for easy entry and exit. All this combined with an affordable pricetag further enhances the overall value offered by these tractors.

#### High torque NEF engine

The 8000 4WD is powered with a turbocharged engine offering an unmatched combination of performance, fuel efficiency and reliability. They are designed to ensure a flat torque curve and maximized torque levels, as high as 292 Nm, ensuring maximum productivity in both PTO and draft applications.

#### Easy shift transmission

The synchromesh transmission provides smooth shifting on the move. The standard 12F+12R speeds maximise performance with a choice of speeds. The dedicated left-hand synchronised reverser provides smooth control for maximum productivity during intensive loader and headland operations. The rear axle has large oil cooled disc brakes and heavy-duty inboard planetary reduction units for strength, safety and reliability.





### Effortless clutch

The low effort dual clutch is a simple reliable unit designed for smooth engagements. The large diameter cerametallic friction discs provide long lasting performance and ample surface area to transfer power effectively.

### Heavy duty front axle

The front axle with a 'limited slip differential' provides additional pulling power in tough soil conditions. The planetary reduction offers high dynamic load carrying capacity and is designed for maximum performance in loader and field operations. The responsive hydrostatic steering has a tight steering angle for effortless maneuvering even in confined areas.



## Proven Quality – JAPAN QUALITY MEDAL WINNER



**JAPAN  
QUALITY  
MEDAL  
WINNER**

Quality is paramount at Mahindra and we are proud to be the first and only tractor manufacturing company in the world to win the Japan Quality Medal (JQM), a laurel truly hard to earn. It is universally acclaimed as the highest award presented to a company following Total Quality Management (TQM) practices in their entire business operations. JQM recognizes a high level of customer focus, improvements in overall quality and excellence in business processes.

Also, Mahindra was the first tractor company worldwide to win the Deming Application Prize in 2003 for excellence in quality, making it the only tractor manufacturer to receive both distinctions.



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### Hydraulics, 3-point linkage and auxiliary remote valves

Sturdy 3-point linkage is employed with the lift rods and stabilisers designed to allow easy implement hook up.

One remote hydraulics valve is standard with an option to have another valve fitted.

### Operator platform

The side-shift gear controls and suspended brake and clutch pedals provide added leg room and a roomy platform. The uncluttered operator platform makes for easy entry and exit.

### Compare this Mahindra model for:

- Synchro-shuttle transmission
- Engine maximum torque
- Number of transmission speeds and full synchromesh gear shift
- Overall tractor weight





## The Mahindra ML Series of Loaders

### Main features:

- Rugged mainframe with durable boom structure mounted rigidly across chassis.
- **Self Level Design**  
The linkage on the loader maintains the bucket in the horizontal position, just by operating the boom, offering safe work performance.
- **Quick Hitch Design**  
Switching from buckets to pallet forks, bale spikes etc is easier and quicker.
- **Quick Attach Design**  
The loader can be easily installed and removed with just two pins.

## LOADER SPECIFICATIONS

### LOADER MODEL

### TRACTOR MODELS APPLICABLE

Maximum Lift Height
Clearance with Attachment Level
Clearance with Attachment Dumped
Reach at Maximum Height
Maximum Dump Angle
Reach with Attachment on Ground
Attachment Rollback Angle
Digging Depth Below Grade
Overall Height in Carry Position
Depth of Attachment (to back of inner shell)
Height of Attachment
Depth of Attachment (to pivot pin)
Lift Capacity to Full Height at Pivot Pins
Breakout Force at Ground Level, Pivot Pins
Relief Valve Setting (Loader Control Valve)
Rated Flow (Tractor System)
Attachment width used for specification
Bucket Capacity
Hydraulic System
Bucket Level Indicator
OPTIONAL ATTACHMENTS ( For all models )

### ML480

### 8000-4WD

3284 mm
2981 mm
2485 mm
600 mm
47°
1919 mm
54°
110 mm
1723 mm
591 mm
500 mm
656 mm
1872 kgf
2576 kgf
18kg/cm <sup>2</sup>
41.5 l/pm
2082 mm
0.375 cu.m
Tractor Pump with Loader Control Valve
Standard
Grill Guard, Bale Spikes, Pallet Forks and 4-in-1 Buckets



# 8000-4WD Specifications

ENGINE	8000-4wd
Compression Ratio	18.4 :1
Cylinders	4
Displacement cc	3192
Engine HP (kW) @ rpm	80 (59.6) @ 2300
Type	Four stroke, direct injection, turbo charged, water-cooled, diesel
ELECTRIC	
Alternator	12 Volt, 45 Amps
Battery Capacity	12 Volt, 88 Amp hours
CLUTCH	
Type	Dual dry, cerametallic lining
TRANSMISSION	
Number of Gears	12 forward, 12 reverse
Type	Forward-reverse synchro-shuttle with speed synchromesh & range constant mesh
FRONT WHEEL DRIVE	
Front Axle	Mechanical engagement, limited slip differential & planetary reduction
STEERING	
Type	Hydrostatic power
Steering Pump Output	18.92 l/min
BRAKES	
Type	Wet disc
HYDRAULIC SYSTEM	
3-Point Linkage	Category 2, with adjustable outside lateral stabilisers
Auxiliary Remote Valves	1 spool standard
Lift Capacity	1800 kgs
Pump Output	41.6 l/min
Type	Open centre, full-live hydraulic with position and draft control
PTO	
PTO HP (kW)	67 (49.96 )
PTO RPM (Engine RPM)	540 @ 2187
Type	Independent
OPERATING WEIGHT	
Total	3042 kgs
DIMENSIONS	
Overall Length	4104 mm
Overall Width	1963 mm
Turning Radius with Brakes	3962 mm
TYRES	
Ag (Front / Rear)	11.2x24 / 16.9x30

Specifications and design subject to change without notice.

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