

# 6000 SERIES



No. **1** Tractor  
Company  
in the World \*



DEMING PRIZE  
2003



JAPAN QUALITY MEDAL  
2007

**Mahindra**  
Tractors

\*MSM Ltd. is the largest tractor company in the world, by volume

## NEW GENERATION. POWERFUL. EFFORTLESS

The New Generation Mahindra 6000 series tractors, are designed to perform multiple tasks, passing through the rigors of work with ease.

Loaded with impressive standard features, the complete equipment package offers a high performance 4 Cylinder, Direct Injection, Water cooled, Turbo Charged engine, easy shift synchromesh transmission with Synchro shuttle.

Offering a range of tractor HP from 57 to 75 HP, there is always a model to meet your needs.

### Key Features:

- Fuel efficient 4 cylinder engines
- 15F/ 15R Synchromesh Transmission with Synchro Shuttle

- Operating weight for more built in traction, stability and control for a safer operating environment.
- Clear-view instrument cluster and easy to use ergonomic controls

### Ideal For:

- Agriculture
- Material Handling

- Grounds Maintenance / Municipal
- Livestock

## NEW GENERATION, TECHNOLOGICALLY ADVANCED ENGINE

The 6000 Series tractors are powered by a naturally aspirated, 4 cylinder direct injection diesel engine. They are designed to ensure a flat torque curve and maximized torque levels, from 213 Nm to 305 Nm, ensuring maximum productivity in both PTO and draft applications. Excellent Torque reserve up to 25% gives plenty of lugging ability reducing the need for frequent gear shifts during tough conditions.

## HEAVY DUTY TRANSMISSION

The standard 15F+15R, synchromesh heavy duty transmissions are extremely reliable and easy to-use. They incorporate very wide gears providing great strength for the high torque loads being transmitted. The high nos of speed options allows to perform a broad range of farming applications successfully.

The shuttle makes shifting between forward and reverse smooth and quick, thereby ensuring maximum productivity during intense loader and headland operations.

Independent PTO Lever offer ease in engagement & disengagement during all PTO driven applications.



## POWERFUL HYDRAULICS AND STURDY 3-POINT LINKAGE.

Heavy and sturdy 3 point linkage is employed to ensure stability and safety. The telescopic lower links provide fast and simple attachment of rear mounted implements.

The live powerful hydraulics boasts a maximum lift capacity of 2200 kg for 6060 and 2600 kg for 6075 models to handle the heaviest of implements.

Two double acting remote control valves are standard.



## HEAVY DUTY FRONT AXLE

High reliability in loader and field operations is ensured by using the front axle which is designed for higher class tractors.

In the 4WD models, the epicyclic 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.

## COMFORTABLE WORK ENVIRONMENT

The fully flat operator deck with side shift gear levers, suspended brake and clutch pedal provides lots of legroom and a spacious work area. The seat comes with various comfort features like formed cushions, adjustable suspension, just what you need for those long hauls.



# TRACTOR SPECIFICATIONS

| TRACTOR                         | 6060 4WD  | 6075 4WD  |
|---------------------------------|---|---|
| <b>ENGINE</b>                   |   |   |
| Type                            | Four Stroke, Direct Injection, Water Cooled Diesel Engine | Four Stroke, Direct Injection, Turbocharged, Water Cooled Diesel Engine |
| Cylinders                       | 4   | 4   |
| Engine HP @ rpm                 | 57 HP @ 2100  | 75 HP @ 2100  |
| Displacement cubic [cc]         | 3533  | 3822  |
| <b>ELECTRICAL</b>               |   |   |
| Battery Capacity                | 12 V, 88 AH   | 12 V, 100 AH  |
| Alternator                      | 12 V, 45 A  | 12 V, 55 A  |
| <b>CLUTCH</b>                   |   |   |
| Type                            | Dual Diaphragm Type                                       | Dual Diaphragm Type   |
| <b>TRANSMISSION</b>             |   |   |
| Type                            | Mechanical, Partial Synchromesh with Synchro shuttle      | Mechanical, Partial Synchromesh with Synchro shuttle                    |
| Number of Gears / Speeds        | 15 Forward, 15 Reverse with Synchro shuttle               | 15 Forward, 15 Reverse [F/Rshuttle]                                     |
| <b>STEERING</b>                 |   |   |
| Type                            | Hydrostatic Power Steering                                | Hydrostatic Power Steering  |
| <b>BRAKES</b>                   |   |   |
| Type                            | Mechanical, Oil Immersed Brakes, Multi Disc Brakes        | Mechanical, Oil Immersed Brakes, Multi Disc Brakes                      |
| <b>HYDRAULIC SYSTEM</b>         |   |   |
| Type                            | Live Hydraulics with draft & position control             | Live Hydraulics with draft & position control                           |
| 3-Point Linkage                 | Cat II 3 Point linkage with check chain                   | Cat II 3 Point linkage with stabilizer bar                              |
| Lift Capacity (Kg.)             | 2200  | 2600  |
| Rear Auxiliary Remote Valves    | Double spool  | Double spool  |
| <b>PTO</b>                      |   |   |
| Type                            | Rear Mounted 6 spline 2 speed PTO                         | Rear Mounted 6 spline 3 speed PTO                                       |
| PTO RPM (engine rpm)            | 540 @ 1993 / 540E @ 1470                                  | 540 @ 1993 / 540E @ 1470  |
| PTO HP                          | 49.5  | 66  |
| <b>OPERATING WEIGHT</b>         |   |   |
| Total [Kg.]                     | 2745  | 3332  |
| <b>DIMENSIONS with Ag Tires</b> |   |   |
| Overall Length (mm)             | 3695  | 3750  |
| Overall Width (mm)              | 1990  | 1990  |
| <b>TIRES Sizes and Options</b>  |   |   |
| Ag (Front / Rear)               | 9.5 X 24<br>16.9 X 28                                     | 12.4 X 24<br>18.4 X 30  |