

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

TOUGH. EFFICIENT. EFFORTLESS.

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

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

Offering a range of tractor HP from 50 to 57 HP and with 4WD, there is always a model to meet your needs.

Key Features:

- Fuel efficient 4 cylinder engines
- 15F / 15R Synchromesh Transmission with Synchro Shuttle
- Independent 540 and 540 E PTO
- Best in class 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
- Best in class 3-point lift capacities

Ideal For:

- Agriculture
- Material Handling
- Livestock
- Dairy

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 197 Nm TO 213 Nm, ensuring maximum productivity in both PTO and draft applications. Excellent Torque reserve up to 22% 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. It eliminates the need to depress the clutch every time you change directions, thereby ensuring maximum productivity during intensive headland operations.



POWERFUL HYDRAULICS AND STURDY 3-POINT LINKAGE.

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

The live powerful hydraulics boasts a maximum lift capacity of 2200 kg, to handle the heaviest of implements.

Two double acting remote control valves are standard.



HEAVY DUTY FRONT AXLE

High reliability in 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 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.



TRACTOR SPECIFICATIONS

TRACTOR	6050 4WD	6060 4WD
ENGINE		
Type	Four Stroke, Direct Injection, Water Cooled Diesel Engine	Four Stroke, Direct Injection, Water Cooled Diesel Engine
Cylinders	4	4
Engine HP @ rpm	50 HP @ 2100	57 HP @ 2100
ELECTRICAL		
Battery Capacity	12V, 88AH	12V, 88AH
Alternator	12V, 45A	12V, 45A
CLUTCH		
Type	Dual Clutch	Dual Clutch
TRANSMISSION		
Type	Mechanical Partial Synchromesh	Mechanical Partial Synchromesh
Number of Gears / Speeds	15 Forward, 15 Reverse (F/R Shuttle)	15 Forward, 15 Reverse with Synchro Shuttle
STEERING		
Type	Hydrostatic Power Steering	Hydrostatic Power Steering
BRAKES		
Type	Oil Immersed Brakes	Mechanical, Oil Immersed, Multi Disc Brakes
HYDRAULIC SYSTEM		
Type	Fully "Live" Hydraulics with draft & position control	Live Hydraulics with draft & position control
3-Point Linkage	CAT I & II 3 Point linkage with Check Chain	Cat II 3 Point linkage with check chain
Lift Capacity (Kg.)	2200	2200
PTO		
Type	Rear Mounted 6 spline 2 speed PTO	Rear mounted 8 spline 2 speed PTO
PTO RPM (Engine rpm)	568 @ 2100	568 @ 2100
PTO HP	45	49.5
OPERATING WEIGHT		
Total (Kg.)	2650	3170
DIMENSIONS with Ag Tires		
Overall Length (mm)	3660	3695
Overall Width (mm)	1990	1990
TIRES Sizes and Options		
Ag (Front / Rear)	8.3 X 24 14.9 X 28	9.5 X 24 16.9 X 28