

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 55 to 75 HP and with an option of 2WD and 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

- 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 boasts a maximum lift capacity of 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	6050 4WD	6075 4WD
ENGINE		
Type	Four Stroke, Direct Injection, Turbo Charged, Water Cooled Diesel Engine	Four Stroke, Direct Injection, Turbo Charged, Water Cooled Diesel Engine
Cylinders	4	4
Engine HP @ rpm	50 HP @ 2100	75 HP @ 2100
Displacement cubic (cc)	3533	3822
ELECTRICAL		
Battery Capacity	12 V, 88 AH	12 V, 100 AH
Alternator	12 V, 45 A	12 V, 55 A
CLUTCH		
Type	Dual Clutch	Dual Clutch
TRANSMISSION		
Type	Mechanical Partial Synshromesh With Synchro Shuttle	Mechanical Partial Synshromesh With Synchro Shuttle
Number of Gears / Speeds	15 Forward, 15 Reverse (f/rshuttle)	15 Forward, 15 Reverse (f/rshuttle)
STEERING		
Type	Hydrostatic Power Steering	Hydrostatic Power Steering
BRAKES		
Type	Oil Immersed Brakes	Oil Immersed Brakes
HYDRAULIC SYSTEM		
Type	Live Hydraulics With Draft & Position Control	Live Hydraulics With Draft & Position Control
3-Point Linkage	Cat I & II 3 Point Linkage With Stailiser Bar	Cat II 3 Point Linkage With Stabiliser Bar
Lift Capacity (Kg.)	2200	2600
PTO		
Type	Rear Mounted 6 Spline 2 Speed PTO	3 Speed PTO
PTO RPM (Engine rpm)	568 @ 2100	540 @ 1993 / 540e @ 1470
PTO HP	45	66
OPERATING WEIGHT		
Total Kg with Ballast condition	2650	3338
DIMENSIONS with Ag Tires		
Overall Length (mm)	3660	3750
Overall Width (mm)	1900	1990
TIRES Sizes and Options		
Ag (Front/Rear)	8.3 X 24 14.9 X 28	12.4 X 24 18.4 X 30