

00 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

POWERFUL, TOUGH, VERSATILE

These tractors are designed to give you highest level of productivity through a high performance engine and a heavy duty synchromesh transmission that is designed to match the impressive power and torque characteristics of the engine.

Key Features:

- 4 Cylinder Turbocharged water-cooled engine HP from 80 to 92 HP
- 16 % back up torque
- 326 Nm torque for 92 HP & 280 Nm torque for 80 HP
- 12F / 12 R Synchromesh with FR Shuttle Shift technology
- PTO 540 rpm with Independent PTO
- Heavy duty 4WD for heavier applications.
- Full platform design with side shift gears for Superior Ergonomics

Ideal For:

- Agriculture – primary and secondary tillage
- Livestock operations
- Crop Protection
- Mowing
- Haulage
- Loader applications



POWERFUL & EFFICIENT ENGINE

The turbocharged engines in these tractors offer 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 326 Nm that ensures maximum productivity in both, PTO and draft applications.

EASY SHIFT & RUGGED TRANSMISSION

The synchromesh transmission provides smooth shifting on the move. The standard 12F+12R speeds maximize performance with a choice of speeds. The dedicated left-hand synchronized 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.

SPACIOUS PLATFORM & EFFORTLESS CLUTCH

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.

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' in the 4WD models 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.

HYDRAULICS, 3-POINT LINKAGE AND AUXILIARY REMOTE VALVES

Sturdy 3-point linkage is employed with the lift rods and stabilizers designed to allow easy implement hook up. The tractor comes with a standard remote auxiliary valve to work with different hydraulic implements.



TRACTOR SPECIFICATIONS

TRACTOR	8000 2WD	8000 4WD	9200 4WD	9500 4WD
ENGINE				
Type	Four Stoke, Direct Injection, Turbo Charged, Water Cooled Engine,	Four Stoke, Direct Injection, Turbo Charged, Water Cooled Engine,	Four Stoke, Direct Injection, Turbo Charged, Water Cooled Engine,	Four Stoke, Direct Injection, Turbo Charged, Water Cooled Engine,
Cylinders	4		4	4
Engine HP @ rpm	80 HP @ 2300	80 HP @ 2300	92 HP @ 2300	92 HP @ 2300
Displacement cubic (cc)	3192	3192	3533	3533
ELECTRICAL				
Battery Capacity	12V, 88A	12V, 88A	12V, 88A	12V, 88A
Alternator	12V, 45A	12V, 45A	12V, 45A	12V, 45A
CLUTCH				
Type	Dual Clutch	Dual Clutch	Dual Clutch	Dual Clutch
TRANSMISSION				
Type	Forward - Reverse Shuttle With Synchronesh Gear Shift	Forward - Reverse Shuttle With Synchronesh Gear Shift	Forward - Reverse Shuttle With Synchronesh Gear Shift	Forward - Reverse Shuttle With Synchronesh Gear Shift
Number of Gears / Speeds	12 Forward, 12 Reverse	12 Forward, 12 Reverse	12 Forward, 12 Reverse	12 Forward, 12 Reverse
STEERING				
Type	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering
BRAKES				
Type	Oil Immersed Brakes	Oil Immersed Brakes	Oil Immersed Brakes	Oil Immersed Brakes
HYDRAULIC SYSTEM				
Type	Live Hydraulic With Position and Draft Controls	Live Hydraulic With Position and Draft Controls	Live Hydraulic With Position and Draft Controls	Live Hydraulic With Position and Draft Controls
3-Point Linkage	Cat II, 3 Point Linkage With Adjustable Stabiliser Bar	Cat II, 3 Point Linkage With Adjustable Stabiliser Bar	Cat II, 3 Point Linkage With Adjustable Stabiliser Bar	Cat II, 3 Point Linkage With Adjustable Stabiliser Bar
Lift Capacity (Kg.)	1800	1800	1800	2500
PTO				
Type	Independent PTO	Independent PTO	Independent PTO	Independent PTO
PTO RPM (engine rpm)	540 @ 2187	540 @ 2187	540 @ 2187	540 @ 2187
PTO HP	65	65	74	74
OPERATING WEIGHT				
Total (Kg.)	3085	3135	3155	3180
DIMENSIONS with Ag Tires				
Overall Length Inches (mm)	3845	3820	3872	3855
Overall Width Inches (mm)	2390	2185	2400	2410
TIRES Sizes and Options				
Ag (Front/Rear)	7.5 X16 16.9 X 30	11.2 X24 16.9 X 30	12.4 X 24 18.4 X 30	12.4 X 24 18.4 X 30