

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. The robustly built housing and full sheet metal body provides an overall tractor weight of 3950 kgs for 8000 4WD and 4110 kg for 9500 4WD tractor models

Key Features:

- 4 Cylinder Turbocharged water-cooled engine HP from 80 to 92 HP
- 16 % back up torque
- 326 Nm torque
- 12F/12 R Synchromesh with Forward Reverse 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 Best in class lift capacity

Ideal For:

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



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 shuttle 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 4WD	9500 4WD
ENGINE		
Type	Four Stroke, Direct Injection, Turbo Charged, Water Cooled Engine,	Four Stroke, Direct Injection, Turbo Charged, Water Cooled Engine.
Cylinders	4	4
Engine HP @ rpm	80 HP @ 2300	92 HP @ 2300
Displacement cubic (cc)	3192	3533
ELECTRICAL		
Battery Capacity	12V , 88A	12V, 80A
Alternator	12V, 55A	12V, 55A
CLUTCH		
Type	Dual Clutch	Dual Clutch
TRANSMISSION		
Type	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
STEERING		
Type	Hydrostatic Power Steering	Hydrostatic Power Steering
BRAKES		
Type	Oil Immersed Brakes	Oil Immersed brakes
HYDRAULIC SYSTEM		
Type	Open Centre Full Live Hydraulic With Position & Draft Controls	Open Centre Full Live Hydraulic With Position & Draft Controls
3-Point Linkage	Cat II, 3 Point Linkage With Adjustable Stabiliser Bar	Cat II, 3 Point Linkage With Adjustable Stabiliser Bar
Lift Capacity (Kg.)	2500	2500
PTO		
Type	Independent PTO	Independent PTO
PTO RPM (engine rpm)	540 @ 2187	540 & 2187
PTO HP	65	74
OPERATING WEIGHT		
Total (Kg.)	3950	4110
DIMENSIONS with Ag Tires		
Overall Length Inches (mm)	3820	3855
Overall Width Inches (mm)	2185	2410
TIRES Sizes and Options		
Ag (Front / Rear)	11.2 X 24 16.9 X 30	12.4 X 24 18.4 X 30