

7500 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. EFFORTLESS.

These new generation tractors are a perfect blend of modern styling and high Performance. Designed for high reliability, these tractors come with a powerful engine, heavy-duty synchromesh transmission with shuttle and high lift hydraulics. The design includes a sloping hood and rounded fenders for all-round visibility. The uncluttered operator platform makes for easy entry and exit. The ergonomic controls provide maximum operator comfort and ease of operation. These tractors are ideal for soil tilling, spraying, fertilizing, seeding, post-harvesting and haulage applications. No matter what terrain, go ahead and give them the toughest job and see them perform with ease.

Key Features:

- Turbocharged 4 cylinder powerful 80-92 HP engine
- High Max Torque (300 Nm on 7580; 330 Nm on 7590)
- 12F/12 R Synchromesh with FR Shuttle Shift technology
- Dual PTO Speeds with Independent PTO
- Heavy duty 4WD for heavier applications.
- Full platform design with side shift gears for Superior Ergonomics

Ideal For:

- Agriculture
- Hay
- Material Handling
- Ground Maintenance/Municipal



BUILT WITH A HIGH TORQUE NEF ENGINE

The heavy-duty turbo charged inter cooler engine is made for the heaviest of work load. The modern design ensures a flat torque curve and massive productivity in both PTO and Draft applications.

BUILT WITH EASY SHIFT & RUGGED TRANSMISSION

The Synchromesh Transmission provides smooth shifting on the move. The standard 12F + 12R speeds maximize performance with a choice of speed. The rear axle has large oil immersed brakes and heavy duty inboard epicyclic reduction unit for strength, safety and reliability. The fully independent PTO gives you a choice of 540 and 1000 rpm. The low effort dual clutch is a simple reliable unit designed for long lasting performance and smooth engagements. It features large diameter discs providing ample surface area to transfer power effectively.

BUILT WITH A HEAVY DUTY FRONT AXLE

The front axle with a limited slip differential provides additional pulling power in tough soil conditions. The epicyclic reduction offers high dynamic load carrying capacity and is designed for maximum performance in loader and field operations.

BUILT WITH POWERFUL HYDRAULICS & RUGGED 3 POINT LINKAGE

The live powerful hydraulics boasts a maximum lift capacity of 2500 kg to handle the heaviest of implements. Heavy and sturdy 3 point linkage is employed to ensure stability and safety. The lift rods and stabilizers are designed to allow easy implement hook up. Two remote valves are standard.



BUILT FOR SUPERIOR ERGONOMICS

The seat designed for operator comfort features formed cushions, adjustable suspension. It is adjustable for, aft and for weight as well.



TRACTOR SPECIFICATIONS

TRACTOR	7580 2WD	7580 4WD	7590 2WD	7590 4WD
ENGINE				
Type	Four Stroke, Direct Injection, Turbo-charged & Inter Cooled, Water-cooled, Diesel Engine	Four Stroke, Direct Injection, Turbo-charged & Inter Cooled, Water-cooled, Diesel Engine	Four Stroke, Direct Injection, Turbo-charged & Inter Cooled, Water-cooled, Diesel Engine	Four Stroke, Direct Injection, Turbo-charged & Inter Cooled, Water-cooled, Diesel Engine
Cylinders	4	4	4	4
Engine HP @ rpm	80 @ 2300	80 HP @ 2300	92 HP @ 2300	92 HP @ 2300
Displacement cubic (cc)	3533	3533	3533	3533
ELECTRICAL				
Battery Capacity	12V, 80AH	12V, 80AH	12V, 80AH	12V, 80AH
Alternator	12V, 55Amp	12V, 55Amp	12V, 55Amp	12V, 55Amp
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	Open Centre, Full Live Hydraulic With Position & Draft Controls	Open Centre, Full Live Hydraulic With Position & Draft Controls	Open Centre, Full Live Hydraulic With Position & Draft Controls	Open Centre, Full Live Hydraulic With Position & Draft Controls
3-Point Linkage	Cat II With Adjustable Stabilizer Bar & Telescopic Lower Link	Cat II With Adjustable Stabilizer Bar & Telescopic Lower Link	Cat II With Adjustable Stabilizer Bar & Telescopic Lower Link	Cat II With Adjustable Stabilizer Bar & Telescopic Lower Link
Lift Capacity (lbs.)	2500	2500	2500	2500
Rear Auxiliary Remote Valves	Double	Double	Double	Double
PTO				
Type	Independent PTO	Independent PTO	Independent PTO	Independent PTO
PTO RPM (engine rpm)	540 @ 2186 & 1000 @ 2180	540 @ 2186 & 1000 @ 2180	540 @ 2186 & 1000 @ 2180	540 @ 2186 & 1000 @ 2180
PTO HP	65	65	74	74
OPERATING WEIGHT				
Total (Kg.)	3508	3698	3508	3698
DIMENSIONS with Ag Tires				
Overall Length (mm)	4115	4115	4115	4115
Overall Width (mm)	1963	1963	4115	1963
TIRES Sizes and Options				
Front	7.5 X 16 / 10.0 X 16 (opt)	11.2 x 24 / 12.4 x 24 (opt)	10.0 X 16	12.4 X 24
Rear	16.9 X 30 / 18.4 X 30 (opt)	16.9 x 30 / 18.4 x 30 (opt)	18.4 X 30	18.4 X 30