

FIELD TRACTORS
7500 SERIES

PEACE OF MIND ASSURANCE*



* Terms & Conditions Apply

MAHINDRA TRACTORS TOUGH EFFICIENT EFFORTLESS



No. **1** Tractor
Company
in the World *



Deming Prize
2003



Japan Quality Medal
2007

*M&M Ltd. is the largest tractor company in the world, by volume

www.mahindrafarmequipment.co.za

Mahindra
Rise.

TOUGH. EFFICIENT. 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 hydraulic lift capacity. The design includes a sloping hood and rounded fenders for all-around 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 + 12R Synchromesh with Synchro 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



TOUGH

HIGH TRACTOR WEIGHT:

The 7500 Series tractors provide Better grip, less slip and can handle tough terrain, due to its high operating weight, which is 15-20% more than most competition models.

OPERATOR SAFETY:

Mahindra Tractors are equipped with Standard ROPS (Roll Over Protective Structures). The objective of the structure is to protect the operator in the event of a roll over and they are designed to support the entire weight of the tractor in that event. Each Mahindra ROPS structure is designed and has been tested to meet stringent standards.

HIGH LIFT CAPACITY:

Standard 2 spool auxiliary valve. A heavy and sturdy 3 point linkage is employed to ensure stability and safety. The telescopic lower link provides the fast and simple attachment of rear-mounted implements. The 7590 comes with a lift capacity of 2500 KG, so go ahead and lift heavy implements.

BEST-IN-CLASS ENGINE POWER:

The Mahindra 7590 4WD & 2WD's engine design ensures a flat torque curve and high productivity in both PTO and draft applications. Built with a high torque NEF engine, the heavy-duty turbocharged inter-cooled engine generates a best in class power output of 92 HP, and is made for the heaviest of workload.

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.

EFFICIENT

MAHINDRA ENGINE:

The engine is turbocharged for maximum power & efficiency. The Low rated engine speed of 2300 RPM ensures lower fuel consumption and less wear and tear of engine components. A big radiator allows for efficient cooling of the engine, even in harsh environments.

BEST-IN-CLASS PTO:

The independent PTO lever offer ease in engagement & disengagement during all PTO-driven applications.

PLANETARY DRIVE:

The 7500 series offers Low power losses, improved brake efficiency and high reliability because of the planetary drive system.

OPTIMAL SPEED SELECTION:

The standard 12F + 12R driving speeds maximize performance with a choice of speed and it offers a forward/reverse shuttle. The shuttle (4WD) makes shifting between forward and reverse smooth and quick, thereby ensuring maximum productivity during intense loader and headland operations. The Synchromesh heavy-duty transmission is extremely reliable and easy to use. It eliminates the need to depress the clutch every time the tractor needs to change direction, forward or reverse and the high number of speeds options allows performing a broad range of farming applications most efficiently.



EFFORTLESS

OPERATOR ERGONOMICS:

The full platform design with a side shift gear lever, suspended brake and clutch pedals, provides lots of legroom and a spacious work area. The 4-way adjustable seat comes with various comfort features like formed cushions, adjustable settings for height and weights and adjustable suspension. Just what you need for those long hauls. The rear axle has large oil-immersed brakes and heavy-duty inboard epicyclic reduction unit for strength, safety and reliability. The low effort dual-clutch is a simple yet reliable unit designed for long-lasting performance and smooth engagements. It features large-diameter discs providing ample surface area to transfer power effectively.

VERSATILE PTO:

540 & 1000 speeds, 6 & 21 spline reversible shaft. Independent lever operated. The independent PTO lever offer ease in engagement & disengagement during all PTO-driven applications. The 540 & 540E speeds allow for efficient operation with various implements.



PEACE OF MIND ASSURANCE *



3 Years / 3000 Hours Warranty:

Mahindra product range comes with 3 Years / 3000 Hours Warranty, which is 50% more than most competing brands.



2 Years / 2000 Hours Service Kit:

A service kit designed for the first 2 Years / 2000 Hours comes standard across the range, significantly reducing your cost of ownership. This a first in South African Tractors Industry.



Breakdown Tractors:

Ensures minimum downtime, when you need the tractor to be working instead of being in the garage.

TRACTOR	7580 2WD	7580 4WD	7590 2WD	7590 4WD
ENGINE				
Type	Four Stroke, Turbo Charged, Intercooled, Direct Injection, Water Cooled Diesel Engine			
Number of Cylinders	4			
Power (hp) @ Rated Speed (rpm)	80 HP @ 2300 rpm		92 HP @ 2300 rpm	
Maximum Torque (N-m) @ Engine Speed (rpm)	300 @ 1400 - 1500		330 @ 1400 - 1500	
Displacement (CC)	3533			
ELECTRICAL				
Battery Capacity	12 V, 80 Ah			
Alternator	12 V, 55 Amp			
DRIVETRAIN				
Clutch Type	Dry Dual		Dual	
Transmission Type	Shuttle Section Full Synchromesh, Speed Section Full Synchro Mesh & Range Section Full Constant Mesh			
Number of Gears / Speeds	12 Forward, 12 Reverse			
Steering Type	Hydrostatic (Power Steering)			
Brake Type	Oil Immersed Brakes			
HYDRAULIC SYSTEM				
Type	Live Hydraulics with Position and Draft Controls			
3-Point Linkage	Category 2 with Telescopic Adjustable Stabilizer, Telescopic Lower Link			
Lift Capacity (Kg)	2500			
Rear Auxiliary Remote Valves	2 Spool Standard			
POWER TAKE OFF				
Type	Rear Mounted, Independent, Single Lever IPTO with Safety Neutral Switch			
PTO Speed (rpm) @ Engine Speed (rpm)	540 @ 2186 & 1000 @ 2180			
PTO Power (hp)	65		74	
OPERATING WEIGHT				
Total (Kg)	3508	3698	3508	3415
DIMENSIONS				
Overall Length (mm)	4115.8			
Overall Width (mm)	1963.4			
Wheel Base (mm)	2169	2179.3	2169	2179.3
TYRE SIZE				
Front	7.5 x 16	11.2 X 24	10.00 X 16	12.4 x 24
Rear	16.9 x 30	16.9 X 30	18.4 x 30	18.4 X 30

*T's & C's apply. Talk to your dealer for more details or visit us on www.mahindrafarmequipment.co.za.