

# 05 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



## SUPERIOR RELIABILITY & PERFORMANCE

These 2WD tractors are designed to help farmers get superior and reliable performance every time. These tractors with their high performance engine, easy shift transmission, advantageous PTO and big lift capacity are ideal for performing all kinds of farming operations.

### Key Features:

- 4 Cylinder water-cooled direct injection diesel engine ranging from 57 to 65 HP
- 13 % back up torque
- 233 Nm torque
- Standard Power steering
- Weight adjustment seat for additional comfort
- 8F/2 R full constant mesh transmission with High Low Selector
- Standard PTO 540 rpm
- Best in class lift capacity

### Ideal For:

- Agriculture - primary and secondary tillage
- Livestock operations
- Crop Protection
- Material Handling
- Haulage



## POWERFUL & EFFICIENT ENGINE

The Mahindra NEF series of engines offers an unmatched combination of performance, fuel consumption and reliability. The high displacement coupled with modern design ensures maximized torque levels, with excellent torque characteristics.

## HEAVY DUTY TRANSMISSION

The standard 8 forward and 2 reverse, heavy duty transmissions are extremely reliable. The transmission incorporates very wide gears, offering great strength to cater for the high torque loads being transmitted. The foot operated differential lock allows power to be applied equally to both rear wheels for maximum traction when needed.

## HEAVY DUTY FRONT AXLE

The heavy duty front axle is adjustable to adapt to a wide variety of applications. The axle oscillation of up to 12 degrees allows the tractor to counter uneven terrain. The responsive hydrostatic steering with a tight steering angle makes getting in and out of confined areas easy.



## POWERFUL HYDRAULICS AND 3-POINT LINKAGE

The live powerful hydraulics boasts a maximum lift capacity of 1800 kg to handle the heaviest of implements. Heavy and Sturdy 3 Point linkage is employed to ensure stability and safety. The lifts rods and stabilizers are designed to allow easy implement hook up.

## EFFORTLESS CLUTCH

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.



TRACTOR SPECIFICATIONS

TRACTOR	6005 DI - 2WD	7005 DI - 2WD
ENGINE		
Type	Four Stroke, Direct Injection, Water Cooled Diesel Engine	Four Stoke, Direct Injection, Inline Fip Water Cooled Engine
Cylinders	4	4
Engine HP @ rpm	56.5 HP @ 2100	65 HP @ 2200
Displacement cubic (cc)	3532	3532
ELECTRICAL		
Battery Capacity	12V, 88AH	12V, 88AH
Alternator	12V, 36A	12V, 36A
CLUTCH		
Type	Heavy Duty Diaphragm Clutch (Optional - Dual Clutch)	Single Diaphragm Clutch
TRANSMISSION		
Type	Fully Constant Mesh	Fully Constant Mesh
Number of Gears / Speeds	8 Forward & 2 Reverse With High-low Selector	8 Forward & 2 Reverse With High-low Selector
STEERING		
Type	Mechanical Steering (Opt: Hydrostatic Steering)	Mechanical Steering
BRAKES		
Type	Oil Immersed Brakes	Oil Immersed Brakes
HYDRAULIC SYSTEM		
Type	Fully-live, With Position & Draft Control	Fully-live, With Position & Draft Control
3-Point Linkage	Cat II 3 Point Linkages With Stabilizer Bar	Cat II 3 Point Linkages With Stabilizer Bar
Lift Capacity (Kg.)	1650	1800
PTO		
Type	Standard PTO	Optional - Live PTO
PTO RPM (Engine rpm)	540 @ 1944	540 @ 1944
PTO HP	49.21	57
OPERATING WEIGHT		
Total (Kg.)	2280	2610
DIMENSIONS with Ag Tires		
Overall Length Inches (mm)	3400	3500
Overall Width Inches (mm)	1965	2000
TIRES Sizes and Options		
Ag (Front / Rear)	7.5 X16 16.9 X 28 Opt (14.9 X 28)	7.5 X16 16.9 X 28