

NOVO 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

NEW GENERATION. POWERFUL. EFFORTLESS.

The New Generation Novo series tractors, are designed to perform multiple tasks, passing through the rigors of works with ease.

Loaded with impressive standard features, the complete equipment package offers a high performance 4 Cylinder, Direct Injection, Water cooled, engine, easy shift mechanical synchromesh transmission and high lift capacity.

Offering Engine HP of 57 HP & 75 HP and with an option of 2WD and 4WD, there is a model to meet your needs.

Key Features:

- Fuel efficient 4 cylinder engines
- 15F/15R with Synchro Shuttle
- Independent 540 and 540 E PTO
- Best in class operating weight for more built in traction, stability and control for a safer operating environment.

- Clear-view instrument cluster and easy to use ergonomic controls
- Best in class 3-point lift capacities

Ideal For:

- Agriculture
- Material Handling

- Grounds Maintenance/Municipal



NEW GENERATION, TECHNOLOGICALLY ADVANCED ENGINE

These tractors are powered by a naturally aspirated, 4 cylinder direct injection diesel engine. They are designed to ensure a flat torque curve and maximized torque levels, as high as 213 Nm for 57 HP & 305 for 75 HP, ensuring maximum productivity in both PTO and draft applications. Excellent Torque reserve up to 28% gives plenty of lugging ability reducing the need for frequent gear shifts during tough conditions.

HEAVY DUTY TRANSMISSION

The standard 15F+15R, fully synchromesh heavy duty transmissions are extremely reliable and easy to use. They incorporate very wide gears providing great strength for the high torque loads being transmitted. The high nos of speed options allows to perform a broad range of farming applications successfully.

POWERFUL HYDRAULICS AND STURDY 3-POINT LINKAGE.

Heavy and sturdy 3 point linkage is employed to ensure stability and safety. The telescopic lower links provide fast and simple attachment of rear mounted implements.

The live powerful hydraulics boasts a maximum lift capacity of 2200 kg for 57 HP & 2600 kg for 75 HP to handle the heaviest of implements.

FRONT AXLE

In the 4WD models, the epicyclic reduction offers high dynamic load carrying capacity and is designed for maximum performance. The responsive hydrostatic steering has a tight steering angle, for effortless maneuvering even in confined areas.



COMFORTABLE WORK ENVIRONMENT

The seat comes with various comfort features like formed cushions, adjustable suspension and armrests. The fully flat operator deck with side shift gear levers, suspended brake and clutch pedals provide lots of legroom and a spacious work area. All this combined with a suspended platform provides superior ride comfort. Just what you need for those long hauls.



TRACTOR SPECIFICATIONS

TRACTOR	605 2WD	605 4WD	755 4WD
ENGINE			
Type	Four Stroke, Direct Injection, Water Cooled Diesel Engine	Four Stroke, Direct Injection, Water Cooled Diesel Engine	Four Stroke, Direct Injection, Turbo charged, Water Cooled Diesel Engine
Cylinders	4	4	4
Engine HP (kW) @ rpm	57 HP @ 2100	57 HP @ 2100	75 HP @ 2100
Displacement cubic inch3 (cc)	3531	3531	3821
ELECTRICAL			
Battery Capacity	12V, 88AH	12V, 88AH	12V, 88AH
Alternator	12V, 45A	12V, 45A	12V, 55A
CLUTCH			
Type	Heavy Duty Dual Dry Clutch	Heavy Duty Dual Dry Clutch	Heavy Duty Dual Dry Clutch
TRANSMISSION			
Type	Mechanical Synchromesh Speed Shift	Mechanical Synchromesh Speed Shift	Mechanical Synchromesh Speed Shift
Number of Gears/Speeds	15 Forward, 3 Reverse (Optional- 15 F, 15 R with Synchro Shuttle)	15 Forward, 15 Reverse	15 Forward, 15 Reverse
STEERING			
Type	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering
BRAKES			
Type	Mechanical, Oil Immersed, Multi Disc Brakes	Mechanical, Oil Immersed, Multi Disc Brakes	Mechanical, Oil Immersed, Multi Disc Brakes
HYDRAULIC SYSTEM			
Type	Fully "Live" Hydraulic pump, Vary-Touch draft and position control	Fully "Live" Hydraulic pump, Vary-Touch draft and position control	Fully "Live" Hydraulic pump, Vary-Touch draft and position control
3-Point Linkage	Cat II 3 Point Linkage with Stabiliser Bar	Cat II 3 Point Linkage with Stabiliser Bar	Cat II 3 Point Linkage with Stabiliser Bar
Lift Capacity (lbs.)	2200	2200	2600
PTO			
Type			
PTO RPM (engine rpm)	540 @ 1980 / 540E @ 1450	540 @ 1883 / 540E @ 1450	540 @ 1883 / 540E @ 1450
PTO HP (kW)	50	50	69
OPERATING WEIGHT			
Total (kg)	2550	2780	3332
DIMENSIONS with Ag Tires			
Overall Length (mm)	3660	3360	4048
Overall Width (mm)	2000	2080	2000
TIRES Sizes and Options			
Front	7.5 X 16	9.5 x 24	11.2 x 24
Rear	16.9 X 28	16.9 X 28	16.9 X 30