

YUVO 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

MORE. FASTER. BETTER. WITH NEW TECHNOLOGY.

The Mahindra YUVO series tractors open doors to new possibilities for you. Its advanced technology comprising of a powerful 4 cylinder engine, transmission with all new features and advanced hydraulics ensures that it always does more, faster and better. These tractors are packed with many best-in-class features like more back-up torque, 12F+3R gears, higher lift capacity, adjustable seat, powerful wrap-around clear lens headlamps which stands it apart from the rest.

Key Features:

- Naturally aspirated 4 cylinder engines
- 26% back up torque
- 158 Nm torque
- 12F/3R full constant mesh transmission
- Powerful PTO 540 @ 1810 RPM
- Slip free gear box
- Sleek and attractive looks
- Superior Ergonomics

Ideal For:

- Agriculture
- Material Handling
- Rural lifestyle
- Speciality
- Grounds Maintenance/Municipal



ADVANTAGES OF THE NEW GENERATION TECHNOLOGICALLY ADVANCED ENGINE

- 26% more back up torque: a powerful engine to ensure you remain unstoppable even on hard soil.
- More power: Now get the ability to work with bigger implements.
- Covers more ground while consuming lesser diesel, giving you even more savings..
- Service interval of 400 hours: A longer service interval means one less servicing every year.
- Dry type air cleaner: Reduced time in cleaning the air cleaner means even more ease in maintenance.
- Parallel cooling system: Engine remains cooler for longer, so you can work longer.

FEATURE PACKED TRANSMISSION

Full Constant mesh transmission comes with ergonomically placed shifting levers for fatigue free operations. The standard 12F + 3R speeds allows the tractor to work with any implement at Higher speed. The rear axle has large oil-immersed brakes for more brake efficiency & safety, Planetary drive for strength & reliability. The low effort dual clutch is a simple, reliable unit designed for long lasting performance and smooth engagements.

POWERFUL HYDRAULICS AND STURDY 3-POINT LINKAGE.

The powerful Hydraulics boasts a high-tech control valve design along with its two bell crank arrangement, works with the right sensitivity on any type of soil and completes the task with precision. It has a lift capacity of 1500 kg. to handle the heaviest of implements. It has a higher capacity pump flow which ensures easy operation in power steering & tipping trailer application. It has a side mounted control valve that can be removed without removing the Hydraulic during servicing. A sturdy 3 point linkage is employed to ensure stability & safety.

HEAVY DUTY FRONT AXLE

These tractors have heavy duty front axles for stability & control. Sufficient Axle (High Swing Angle) oscillation ensures a comfortable ride and allows the tractor to counter uneven terrain. The tight steering angle offer ease of getting in and out of confined areas.



COMFORTABLE WORK ENVIRONMENT

Operator weight adjustable seat, ergonomically located pedals & controls are provided for fatigue free driving. The tractor boasts of bold wrap around clear lens headlamps, modern instrument cluster & attractive two-toned front grille.



TRACTOR SPECIFICATIONS

TRACTOR	575 2WD	575 4WD	415 2WD
ENGINE			
Type	Four Stroke, Direct Injection, water cooled Engine	Four Stroke, Direct Injection, water cooled Engine	Four Stroke, Direct Injection, water cooled Engine
Cylinders	4	4	4
Engine HP (kW) @ rpm	45 HP @ 2000	45 HP @ 2000	39 HP @ 2000
Displacement cubic inch3 (cc)	2979	2979	2732
ELECTRICAL			
Battery Capacity	12V, 88AH	12V, 80AH	80AH
Alternator	12V, 45AH	12V, 45AH	45A
CLUTCH			
Type	Dual Clutch	Dual Clutch	Single Clutch, Dry Friction Plate
TRANSMISSION			
Type	Full constant mesh	Full constant mesh	Full Constant mesh
Number of Gears/Speeds	12 F X 3 R	12 F X 3 R	12 F + 3 R
STEERING			
Type	Power Steering [Opt. Mechanical]	Power Steering	Mechanical
BRAKES			
Type	Oil Immersed Brakes	Oil Immersed Brakes	Oil Immersed Brakes
HYDRAULIC SYSTEM			
Type	Live Hydraulics with position & Draft Control	Live Hydraulics with position & Draft Control	Live Hydraulics with position & Draft Control
3-Point Linkage	CAT I/II with check chains	CAT I/II with check chains	CAT I/II with check chains
Lift Capacity (lbs.)	1500	1500	1500
PTO			
Type	Rear	Rear	Rear
PTO RPM (engine rpm)	540 @1810 540E @ 1500 - Optional	540 @1810 540E @ 1500 - Optional	540 @1810 540E @ 1500 - Optional
PTO HP (kW)	41.1	41.1	35.5
OPERATING WEIGHT			
Total (kgs)	2020	2095	2020
DIMENSIONS with Ag Tires			
Overall Length (mm)	3430	3370	3410
Overall Width (mm)	1220	1720	1220
Wheel Base (mm)	1925	1940	1925
TIRES Sizes and Options			
Front	6.00 x 16	8.00 x 18	6.00 x 16
Rear	13.6 x 28 [Opt. 14.9 x 28]	13.6 x 28	13.6 x 28