



The Future of Farming is Here!
Co-Designed in Japan

21-30HP 4 Models



Durability

- Best in Class 4-Yr Warranty or 3,000hrs.
- Free 2-Yr Farmer Kits
- Longer life with Wet PTO clutch



Versatility with Narrow-Width Option

- Best in class driving efficiency via 8x8 F/R Synchro Shuttle
- Draft control equipped across the series
- Multi-utility purpose with Factory fitted Standard Dozer Value (mid-mounted valve, MMV)
- Ideally-designed to suit with Field Crop and Orchard



High Performance

- Best in Class lift capacity, up to 950kg
- High reserve torque at 18%
- On the go PTO (Independent PTO), avoid loss of power while switch off the PTO at the turn & EIPTO switch



Cost Efficiency

- Powerful DI Engine - saving 15%* more fuel efficient
- 15%* faster turning time at corner (F/R shuttle) - saving pesticides, fertilizer and fuel



Styling and Comfort

- Outstanding design in combination of signature lamps, projector headlamps, head lamps, tilt & telescopic steering, USB charger, mobile holder, appearance floor mat.
- Seat suspension as standard, comfort in long working hrs.
- Flat platform for easy entry and exit



Smart Features

- Stay connected with next gen apps. Fully-equipped with Digsense
- Visualized Monitoring and Alerts with Digital Cluster; PTO on/off indicator, Air Filter clogging indicator, 4WD indicator, Noise Alert for PM, Noise Alert for Safety

21-30HP 4 Models (Narrow-Width Option is available)

TRACTOR MODEL	2121	2124	2127	2130
DRIVETRAIN	4WD			
ENGINE				
Type	4-Stroke, Direct Injection, Water Cooled, Diesel Engine	4-Stroke, Direct Injection, Water Cooled, Diesel Engine	4-Stroke, Direct Injection, Water Cooled, Diesel Engine	4-Stroke, Direct Injection, Water Cooled, Diesel Engine
Cylinders	3	3	3	3
Engine HP @ rpm	21 @ 2400	24 @ 2400	27 @ 2700	30 @ 3000
Displacement cubic (cc)	1331	1331	1331	1331
Maximum Torque, Nm	76	84	84	86
ELECTRICAL				
Battery Capacity	Ah - 55, CCA - 450	Ah - 55, CCA - 450	Ah - 55, CCA - 450	Ah - 55, CCA - 450
Alternator	55A, 12V, Internal Fan alternator	55A, 12V, Internal Fan alternator	55A, 12V, Internal Fan alternator	55A, 12V, Internal Fan alternator
Head Lamps	Project Lamps - Hi & Low Beam	Project Lamps - Hi & Low Beam	Project Lamps - Hi & Low Beam	Project Lamps - Hi & Low Beam
Signature Lamp	LED - Daylight	LED - Daylight	LED - Daylight	LED - Daylight
Combination Lamp (Front & Rear)	LED Lamps	LED Lamps	LED Lamps	LED Lamps
Mobile Charger	USB Type	USB Type	USB Type	USB Type
Accessories	12 V	12 V	12 V	12 V
CLUTCH				
Type	Dry	Dry	Dry	Dry
TRANSMISSION				
Type	Constant Mesh	Constant Mesh	Constant Mesh	Constant Mesh
Number of Gears / Speeds	8F + 8R	8F + 8R	8F + 8R	8F + 8R
Shift Type	Synchro Shuttle	Synchro Shuttle	Synchro Shuttle	Synchro Shuttle
SEAT				
Type : Suspension	Standard	Standard	Standard	Standard
STEERING				
Type	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering
Tilt Steering	Standard	Standard	Standard	Standard
Telescopic Steering	Standard	Standard	Standard	Standard
BRAKES				
Type	Oil Immersed Brake	Oil Immersed Brake	Oil Immersed Brake	Oil Immersed Brake
HYDRAULIC SYSTEM				
Type	Draft Sensing & Position Control ADDC (Automatic Depth & Draft Control)	Draft Sensing & Position Control ADDC (Automatic Depth & Draft Control)	Draft Sensing & Position Control ADDC (Automatic Depth & Draft Control)	Draft Sensing & Position Control ADDC (Automatic Depth & Draft Control)
3-Point Linkage	CAT 1	CAT 1	CAT 1	CAT 1
Lift Capacity at 24" behind hitch (kg)	850	850	850	850
Lift Capacity at Hitch Point (kg)	950	950	950	950
Dozer Valve	Standard	Standard	Standard	Standard
PTO				
Type	Independent Wet PTO	Independent Wet PTO	Independent Wet PTO	Independent Wet PTO
PTO Engage/Disengage	Electric Switch	Electric Switch	Electric Switch	Electric Switch
PTO RPM	540 & 540E	540 & 540E	540 & 540E	540 & 540E
PTO HP	17.5	20.1	22.8	25.5
OPERATING WEIGHT				
Total (kg)	810	830	830	835
DIMENSIONS with Ag Tires				
Overall Length (mm)	2650	2650	2650	2650
Overall Width (mm), (Option)	915	1015, (915)	1015, (915)	1050
TIRES Sizes and Options				
Front (inch), (Option)	5 x 12	7 x 12, (5 x 12)	7 x 12, (5 x 12)	7 x 12
Rear (inch), (Option)	8 x 18	8.3 x 20, (8 x 18)	8.3 x 20, (8 x 18)	9.5 x 18





The Future of Farming is Here! Co-Designed in Japan

32-40HP 3 Models



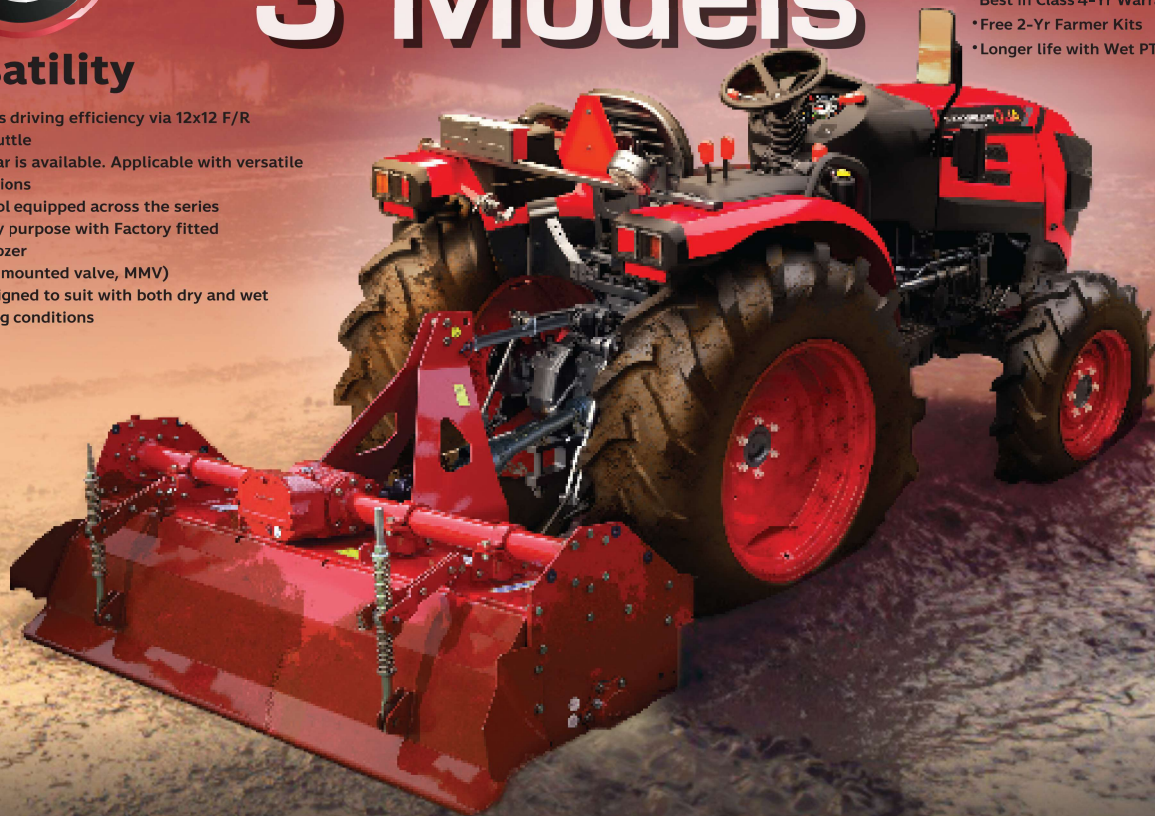
Durability

- Best in Class 4-Yr Warranty or 3,000hrs.
- Free 2-Yr Farmer Kits
- Longer life with Wet PTO clutch



Versatility

- Best in class driving efficiency via 12x12 F/R Synchro Shuttle
- Creeper Gear is available. Applicable with versatile work conditions
- Draft control equipped across the series
- Multi-utility purpose with Factory fitted Standard Dozer Value (mid-mounted valve, MMV)
- Ideally-designed to suit with both dry and wet land working conditions



High Performance

- Best in Class lift capacity, up to 950kg
- High reserve torque at 18 - 20%
- On the go PTO (Independent PTO), avoid loss of power while switch off the PTO at the turn & EIPTO switch



Cost Efficiency

- Powerful DI Engine - saving 8%* more fuel efficient
- 15%* faster turning time at corner (F/R shuttle) - saving pesticides, fertilizer and fuel



Styling and Comfort

- Outstanding design in combination of signature lamps, projector headlamps, head lamps, tilt & telescopic steering, USB charger, mobile holder, appearance floormat.
- Comfort in long working hours



Smart Features

- Stay connected with next gen apps. Fully-equipped with Digisense
- Tech Pack available as desired, simply control on Auto implement lift, Auto PTO stop, Crank assist panel
- Visualized Monitoring and Alerts with Digital Cluster; PTO on/off indicator, Air Filter clogging indicator, 4WD indicator, Noise Alert for PM, Noise Alert for Safety

32-40HP 5 Model variants

TRACTOR MODEL	3132	3136	3136 Tech Pack	3140	3140 Tech Pack
DRIVETRAIN	4WD				
ENGINE					
Type	4-Stroke, Direct Injection, Water Cooled, Diesel Engine	4-Stroke, Direct Injection, Water Cooled, Diesel Engine	4-Stroke, Direct Injection, Water Cooled, Diesel Engine	4-Stroke, Direct Injection, Water Cooled, Diesel Engine	4-Stroke, Direct Injection, Water Cooled, Diesel Engine
Cylinders	3	3	3	3	3
Engine HP @ rpm	32 @ 2500	36 @ 2500	36 @ 2500	40 @ 2500	40 @ 2500
Displacement cubic (cc)	2048	2048	2048	2048	2048
Maximum Torque, Nm	108	121	121	133	133
ELECTRICAL					
Battery Capacity	Ah - 80, CCA - 510	Ah - 80, CCA - 510	Ah - 80, CCA - 510	Ah - 80, CCA - 510	Ah - 80, CCA - 510
Alternator	55A, 12V, Internal Fan alternator	55A, 12V, Internal Fan alternator	55A, 12V, Internal Fan alternator	55A, 12V, Internal Fan alternator	55A, 12V, Internal Fan alternator
Head Lamps	Project Lamps - Hi & Low Beam	Project Lamps - Hi & Low Beam	Project Lamps - Hi & Low Beam	Project Lamps - Hi & Low Beam	Project Lamps - Hi & Low Beam
Signature Lamp	LED - Daylight	LED - Daylight	LED - Daylight	LED - Daylight	LED - Daylight
Combination Lamp	LED Lamps	LED Lamps	LED Lamps	LED Lamps	LED Lamps
Mobile Charger	USB Type	USB Type	USB Type	USB Type	USB Type
Accessories	12 V	12 V	12 V	12 V	12 V
CLUTCH					
Type	Dry	Dry	Dry	Dry	Dry
TRANSMISSION					
Type	Constant Mesh	Constant Mesh	Constant Mesh	Constant Mesh	Constant Mesh
Number of Gears / Speeds	8F + 8R	8F + 8R	12F + 12R (Incl. Creeper Gear)	8F + 8R	12F + 12R (Incl. Creeper Gear)
Shift Type	Synchro Shuttle	Synchro Shuttle	Synchro Shuttle	Synchro Shuttle	Synchro Shuttle
STEERING					
Type	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering
BRAKES					
Type	Oil Immersed Brake	Oil Immersed Brake	Oil Immersed Brake	Oil Immersed Brake	Oil Immersed Brake
HYDRAULIC SYSTEM					
Type	Draft Sensing & PositionControl ADDC (Automatic Depth & Draft Control)	Draft Sensing & PositionControl ADDC (Automatic Depth & Draft Control)	EDDC (Electronic Depth & Draft Control)	Draft Sensing & PositionControl ADDC (Automatic Depth & Draft Control)	EDDC (Electronic Depth & Draft Control)
3-Point Linkage	CAT 1	CAT 1	CAT 1	CAT 1	CAT 1
Lift Capacity at 24" behind hitch (kg)	850	850	850	850	850
Lift Capacity at Hitch Point (kg)	950	950	950	950	950
Dozer Valve	Standard	Standard	Standard	Standard	Standard
PTO					
Type	Independent Wet PTO	Independent Wet PTO	Independent Wet PTO	Independent Wet PTO	Independent Wet PTO
PTO Engage/Disengage	Electric Switch	Electric Switch	Electric Switch	Electric Switch	Electric Switch
PTO RPM	540 & 540E	540 & 540E	540 & 540E	540 & 540E	540 & 540E
PTO HP	28	32	32	35.2	35.2
OPERATING WEIGHT					
Total (kg)	1360	1375	1375	1375	1375
DIMENSIONS with Ag Tires					
Overall Length (mm)	3045	3045	3045	3045	3045
Overall Width (mm)	1346	1436	1436	1436	1436
TIRES Sizes and Options					
Ag (Front)	7 x 16	8 x 16	8 x 16	8 x 16	8 x 16
Ag (Rear)	11.2 x 24	12.4 x 24	12.4 x 24	12.4 x 24	12.4 x 24
Technology Pack					
Auto Implement Lift (While Turning & Reversing)	-----	-----	Auto Implement Lift	-----	Auto Implement Lift
Auto PTO On / Off (While Turning & Reversing)	-----	-----	Auto PTO On / Off	-----	Auto PTO On / Off
Crank Assistance Panel	-----	-----	Crank Assistance Panel	-----	Crank Assistance Panel



POWERFUL FUEL EFFICIENT Model 5050



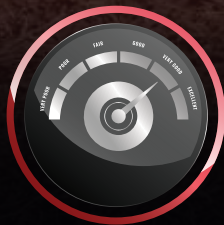
Durability

- Best in Class 4-Yr Warranty or 3,000hrs.
- Free 2-Yr Maintenance Kits
- Strong Design to withstand long hours of usage



Versatility

- Best in Class Driving Efficiency via 12x12 F/R Synchro Shuttle
- Best Choice of Tractor for tough soil and tough working conditions
- Muscular Loads Design, ideally suit with multi-utility purpose
- Draft Control equipped across the series



High Performance

- One of the Highest Lift Capacity in class up to 2,000kg
- One of the Highest Engine Torque ensures High Pulling Power
- On the go PTO (Independent PTO), avoid loss of power



Cost Efficiency

- Powerful DI Engine - Saving 10%* more fuel efficient (with greater depth of operations)



Smart Features

- Stay Connected with next gen apps. (Optional - with DiGiSense)

5000 SERIES

5050 Model

TRACTOR	5050 4WD
ENGINE	
Type	Four Stroke, Direct Injection, Water Cooled, Diesel Engine
Cylinders	4
Engine HP @ rpm	49.3 @ 2100
Displacement cubic (cc)	2,979
Max. Torque (Nm)	197
ELECTRICAL	
Battery Capacity	12 V, 88 Ah
Alternator	12 V, 45 A
CLUTCH	
Type	Dual Clutch
TRANSMISSION	
Type	Full Constant Mesh
Number of Gears / speeds	12 Forward, 12 Reverse with Forward-Reverse shuttle
STEERING	
Type	Hydraulic Power Steering
BRAKES	
Type	Oil Immersed Brakes
HYDRAULIC SYSTEM	
Type	Live Hydraulic with Position & Draft Control
3-Point Linkage	CAT I/II with Check chain
Lift capacity at Hitch Point (Kg)	2,000
Rear Auxiliary Remote Valves/ Tipping Trailer Pipe	Single spool aux. valve
PTO	
Type	Independent PTO
PTO RPM	540, 540E
PTO HP	44.9
OPERATING WEIGHT	
Total (Kg)	2,200
DIMENSIONS with Ag Tires	
Overall Length (mm)	3,650
Overall Width (mm)	1,760
TIRES Sizes and Options	
Ag (Front)	9.5 x 20 HL
Ag (Rear)	14.9 x 28 HL





NEW GENERATION POWERFUL EFFORTLESS

6060, 6065 and 6075



Durability

- Best in Class 4-Yr Warranty or 3,000hrs.
- Free 2-Yr Maintenance Kits
- Strong Design to withstand long hours of usage

3 Models

Versatility

- Best in Class Driving Efficiency via 15x15 F/R Synchro Shuttle
- Best Choice of Tractor for tough soil and tough working conditions
- Muscular Loads Design, ideally suit with multi-utility purpose
- Draft Control equipped across the series



High Performance

- Best in Class Lift Capacity, up to 2,700kg (Model 6060 and 6065) and 2,900kg (Model 6075)
- Best in Class Engine Torque ensures Best in Class Pulling Power
- Best in Class Smooth Driving Experience, finer speed - 15x15 F/R Synchro Shuttle
- On the go PTO (Independent PTO), avoid loss of power

Cost Efficiency

- Powerful DI Engine - Saving 10%* more fuel efficient (with greater depth of operations)

Smart Features

- Stay Connected with next gen apps. (Optional - with DiGiSense)

6060, 6065 and 6075 Models

TRACTOR	6060 4WD	6065 4WD	6075 4WD
ENGINE			
Type	Four Stroke, Direct Injection, Water Cooled, Diesel Engine	Four Stroke, Direct Injection, Water Cooled, Diesel Engine	Four Stroke, Direct Injection, Turbocharged, Water Cooled, Diesel Engine
Cylinders	4	4	4
Engine HP @ rpm	57 @ 2100	65 @ 2100	75 @ 2100
Displacement cubic (cc)	3,532	3,822	3,822
Max. Torque (Nm)	213	250	306
ELECTRICAL			
Battery Capacity	12V, 100Ah	12V, 110Ah	12V, 100Ah
Alternator	12V, 45A	12V, 55A	12V, 55A
CLUTCH			
Type	Dual Clutch	Dual Clutch	Dual Clutch
TRANSMISSION			
Type	Partial Synchromesh	Partial Synchromesh	Partial Synchromesh
Number of Gears	15 Forward, 15 Reverse with Forward-Reverse shuttle	15 Forward, 15 Reverse with Forward-Reverse shuttle	15 Forward, 15 Reverse with Forward-Reverse shuttle
STEERING			
Type	Hydrostatic Power Steering	Hydrostatic Power Steering	Hydrostatic Power Steering
BRAKES			
Type	Oil Immersed Brake	Oil Immersed Brake	Oil Immersed Brake
HYDRAULIC SYSTEM			
Type	Live Hydraulic with Position & Draft Control	Live Hydraulic with Position & Draft Control	Live Hydraulic with Position & Draft Control
3-Point Linkage	Cat II with check chain	Cat II with check chain	Cat II with stabilizer bar and telescoping lower link
Lift Capacity at Hitch Point (kg)	2,700	2,700	2,900
Rear Auxiliary Remote Valves/ Tipping Trailer Pipe	Double Spool Aux. Valve	Double Spool Aux. Valve	Double Spool Aux. Valve
PTO			
Type	Independent PTO	Independent PTO	Independent PTO
PTO RPM	540, 540E	540, 540E	540, 540E and Reverse
PTO HP	50	57	66
OPERATING WEIGHT			
Total (kg)	3,159	3,326	3,445
DIMENSIONS with Ag Tires			
Overall Length (mm)	3,705	4,050	4,052
Overall Width (mm)	1,990	2,000	2,000
TIRES Sizes and Options			
Ag (Front)	9.5 x 24	11.2 x 24	12.4 x 24
Ag (Rear)	16.9 x 28	16.9 x 30	18.4 x 30



00 SERIES



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



DEMING PRIZE
2003



JAPAN QUALITY MEDAL
2007

Mahindra
Tractors

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

POWERFUL, TOUGH, VERSATILE

These tractors are designed to give you highest level of productivity through a high performance engine and a heavy duty synchromesh transmission that is designed to match the impressive power and torque characteristics of the engine.

Key Features:

- 4 Cylinder Turbocharged water-cooled engine HP from 80 to 92 HP
- 16 % back up torque
- 326 Nm torque for 92 HP and 280 Nm torque for 80 HP
- 12F/12 R Synchromesh with FR Shuttle Shift technology
- PTO 540 rpm with Independent PTO
- Heavy duty 4WD for heavier applications.
- Full platform design with side shift gears for Superior Ergonomics

Ideal For:

- Agriculture - primary and secondary tillage
- Livestock operations
- Crop Protection
- Mowing
- Haulage
- Loader applications



POWERFUL & EFFICIENT ENGINE

The turbocharged engines in these tractors offer an unmatched combination of performance, fuel efficiency and reliability. They are designed to ensure a flat torque curve and maximized torque levels as high as 326 Nm that ensures maximum productivity in both, PTO and draft applications.

EASY SHIFT & RUGGED TRANSMISSION

The synchromesh transmission provides smooth shifting on the move. The standard 12F+12R speeds maximize performance with a choice of speeds. The dedicated left-hand synchronized reverser provides smooth control for maximum productivity during intensive loader and headland operations. The rear axle has large oil cooled disc brakes and heavy-duty inboard planetary reduction units for strength, safety and reliability.

SPACIOUS PLATFORM & EFFORTLESS CLUTCH

The side-shift gear controls and suspended brake and clutch pedals provide added leg room and a roomy platform. The uncluttered operator platform makes for easy entry and exit.

The low effort dual clutch is a simple reliable unit designed for smooth engagements. The large diameter cerametallic friction discs provide long lasting performance and ample surface area to transfer power effectively.

HEAVY DUTY FRONT AXLE

The front axle with a 'limited slip differential' in the 4WD models provides additional pulling power in tough soil conditions. The planetary reduction offers high dynamic load carrying capacity and is designed for maximum performance in loader and field operations.

HYDRAULICS, 3-POINT LINKAGE AND AUXILIARY REMOTE VALVES

Sturdy 3-point linkage is employed with the lift rods and stabilizers designed to allow easy implement hook up. The tractor comes with a standard remote auxiliary valve to work with different hydraulic implements.



TRACTOR SPECIFICATIONS

TRACTOR	8000 4WD	9500 4WD
ENGINE		
Type	Four Stroke, Direct Injection, Turbo Charged, Water Cooled Diesel Engine	Four Stroke, Direct Injection, Turbo Charged, Water Cooled Engine
Cylinders	4	4
Engine HP @ rpm	80 HP @ 2300	92 HP @ 2300
Displacement cubic (cc)	3192	3532
ELECTRICAL		
Battery Capacity	12V, 88A	12V, 88A
Alternator	12V, 45A	12V, 45A
CLUTCH		
Type	Dual Clutch	Dual Clutch
TRANSMISSION		
Type	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
STEERING		
Type	Hydrostatic Power Steering	Hydrostatic Power Steering
BRAKES		
Type	Oil Immersed Brakes	Oil Immersed Brakes
HYDRAULIC SYSTEM		
Type	Live Hydraulic With Position & Draft Controls	Live Hydraulic With Position & Draft Controls
3-Point Linkage	Cat II, 3 Point Linkage With Adjustable Stabiliser Bar	Cat II, 3 Point Linkage With Adjustable Stabiliser Bar
Lift Capacity (Kg.)	1800	2500
PTO		
Type	Independent PTO	Independent PTO
PTO RPM (engine rpm)	540 @ 2187	540 @ 2187
PTO HP	64	71
OPERATING WEIGHT		
Total (Kg.)	3135	3180
DIMENSIONS with Ag Tires		
Overall Length Inches (mm)	3820	3855
Overall Width Inches (mm)	1960	2050
TIRES Sizes and Options		
Ag (Front / Rear)	11.2 X 24 16.9 X 30	12.4 X 24 18.4 X 30

mahindra *Rise*

POWERFUL FUEL EFFICIENT

MAHINDRA 7600 SERIES



DEMING PRIZE 2003



JAPAN QUALITY MEDAL 2007

No. 1 Tractor
Company
in the World*

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

MAHINDRA 7600 SERIES

RELIABILITY. POWER. VERSATILE

These tractors are specially made for dry land farming & live stock, dairy applications. They come with tried & tested well known Perkins 4 Cylinder, turbo charged inter cooler engine and Cararo transmission to offer a formidable combination of power & versatilty.

These tractors have been designed to provide best of comfort & convenience as they are equipped with power shuttle, automatic 4WD, ergonomic platform (optional cabin). The tractors are so versatile that they permit a wide range of working speeds upto 31.5 kms/hour & high lifting capacity of 3400 kgs.

Key Features:

- 4 Cylinder Turbocharged, intercooled engine - 102 HP
- 15.7 % back up torque
- 405 Nm Torque
- 12F / 12 R CararoTransmission
- Twin speed PTO 540 / 540e rpm with Synchronised PTO
- Heavy duty 4WD for heavier applications.
- Ergonomically designed Platform with Canopy (Optional Cabin)
- High lift capacity - 3400 Kg.
- Working speeds of 1.50 to 31.5 km/hour

Ideal For:

- Dry land Farming
- Live Stock
- Dairy
- Haulage
- Hay & Forage



POWERFUL & EFFICIENT ENGINE

The Perkins 4 cylinder 1104D- 44T turbocharged intercooler engines in these tractors offer an unmatched combination of power, fuel efficiency and reliability.

They are designed to offer maximized torque levels as high as 405 Nm that ensures high productivity in both, PTO and draft applications.

EASY SHIFT & RUGGED TRANSMISSION

The Cararo 506-UP transmission provides smooth shifting on the move. The standard 12F+12R speeds maximize performance in different applications & terrain. It allows the tractor to work in a wide range of speeds from 1.50 to 31.5 km/hour. It comes with dry Dual Mechanically controlled clutch with large 12" Cerametallic plates for longer life.

COMFORT & CONVENIENCE

The slanting profile of the tractor hood allows a good vision of the ground to the operator. It has a comfortable platform (with Canopy) that comes equipped with easily accesible levers, several indicators, adjustable seat & steering which help in ease of operations. With sufficient ground clearance of 545 mm, it is suitable to work in uneven surfaces. In case of cabin version, radio / CD Player, AC / Heater, ventilation system are standard.

TRACTION SYSTEM

Tractor is designated as two wheel drive when engine power is transferred to two rear wheels only; and as four wheel drive when it is transferred to all four wheels. Tractors with four wheel drive system may also be used as two wheel drive when desired.

As engine power is transferred to all four wheels in four wheel drive, it is ensured that the tractor moves more easily on slippery surfaces by handling the ground with four tires.

Slipping is reduced and service life of tires is increased when four wheel drive is activated for tires that slip with two wheel drive.

Four wheel drive may be activated or deactivated at all gear ranges, at fixed and low speed that the tractor moves.

Four wheel drive shall be activated so that you can obtain maximum efficiency from your tractor in rough terrain conditions.



HYDRAULICS, 3-POINT LINKAGE AND AUXILIARY REMOTE VALVES

Sturdy 3-point linkage Category II with ball ends is employed with the lift rods and stabilizers, Clevis type and drawbar, designed to allow easy operations. The Upper link comes with Hydraulic Cylinder with hook. Side oscillation is avoided with the help of side struts. The tractor comes with a standard 3 sets of remote auxiliary valves to work with different hydraulic implements. The hydraulics operate at a high pressure of 180Mpa & allows heavy loads upto 3400 kg to be lifted.

AUTOMATIC LIFTING SYSTEM

As a part of the hydraulic system, automatic lifting system allows to lift and lower the equipment while ploughing field without disturbing the position setting of the linkage arms on the hydraulic unit.

Automatic lifting system (ALS) may be controlled mechanically or electrically. The purpose of this system is to provide the same ploughing depth at every position in the field and to provide ease of use.

ALS is generally used to lift the equipment at the end of the groove while ploughing without changing the settings of hydraulic control levers, and to lower the equipment to the previous.

This is used to operate equipment such as trailer, loader, excavator and rotary plough etc.



MAHINDRA 7600 SERIES

MODELS	MAHINDRA 7600-105 B
ENGINE	
Type	Four Stoke, Direct Injection, Turbo Charged, Inter Cooled Engine
Cylinders	4
Engine HP @ rpm	102 @ 2200
Displacement cubic (cc)	4400
CLUTCH	
Type	Dual Clutch
TRANSMISSION	
Type	Synchromesh - Carraro
Number of Gears / Speeds	12 F X 12 R With Synchro Shuttle
STEERING	
Type	Hydraulic Steering
BRAKES	
Type	Oil Immersed Brakes
HYDRAULIC SYSTEM	
Type	Open Centre Full Live Hydraulic With Position & Draft Controls
3-Point Linkage	CAT II With Stabilizer
Lift Capacity at Hitch Point, Kg	3400
Auxiliary Valves	3 Spools
PTO	
Type	Independent
PTO RPM (Engine rpm)	540 - 540E
PTO HP	87.7
OPERATING WEIGHT	
Total Kg	4070
DIMENSIONS with Ag Tires	
Overall Length (mm)	4112
Overall Width (mm)	1990
TIRES Sizes and Options	
Standard Front	Front : 12.4 X 28
Standard Rear	Rear : 18.4 X 30

PRODUCT DISCLAIMER

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POWERFUL FUEL EFFICIENT

MAHINDRA 8600 SERIES



DEMING PRIZE
2005



JAPAN QUALITY MEDAL
2007

No. 1 Tractor
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MAHINDRA 8600 SERIES

RELIABILITY. POWER. VERSATILE

These tractors are specially made for dry land farming & live stock, dairy applications. They come with tried & tested well known Perkins 4 Cylinder, turbo charged inter cooler engine and ZF transmission to offer a formidable combination of power & versatility.

These tractors have been designed to provide low-end Torque, comfort & convenience as they are equipped with power shuttle, automatic 4WD & an ergonomically designed Cabin. The tractors are so versatile that they permit a wide range of working speeds upto 42 km/hour & high lifting capacity of 5000 kgs.

Key Features:

- 4 Cylinder Turbocharged, intercooled engine - 110 HP
- 18.2 % back up torque
- 416 Nm Torque @ 1400 Rpm
- 16F / 16 R ZF Transmission
- Independent Four speed, Electro-hydraulic actuation, Mechanical control, (430 / 540 / 540e/ 1000)
- Heavy duty 4WD for heavier applications.
- Ergonomically designed Cabin
- High lift capacity - 5000 Kg.
- Working speeds of 1.86 to 42 km/hour

Ideal For:

- Dry land Farming
- Live Stock
- Dairy
- Haulage
- Hay & Forage



POWERFUL & EFFICIENT ENGINE

The Perkins 4 cylinder 1104D- 44T turbocharged engines in these tractors offer an unmatched combination of power, fuel efficiency and reliability. They are designed to offer maximized torque levels as high as 307 Nm that ensures high productivity in both, PTO and draft applications.

EASY SHIFT & RUGGED TRANSMISSION

The ZF T-537 transmission provides smooth shifting on the move. The standard 16F+16R speeds maximize performance with a choice of speeds. It allows the tractor to work in a wide range of speeds from 1.86 to 42 km/hour. It comes with dry Dual Mechanically controlled clutch with large 11" (280 mm) Cerametallic plates for longer life.

ERGONOMICS & SUITABLE DIMENSIONS

The tractor dimensions are suitable to work for dry land applications with HVAC integrated cabin. It offers comfort for day long operation. With sufficient ground clearance of 285 mm, it is suitable to work in uneven surfaces.

TRACTION SYSTEM

Tractor is designated as two wheel drive when engine power is transferred to two rear wheels only; and as four wheel drive when it is transferred to all four wheels. Tractors with four wheel drive system may also be used as two wheel drive when desired. As engine power is transferred to all four wheels in four wheel drive, it is ensured that the tractor moves more easily on slippery surfaces by handling the ground with four tires. Slipping is reduced and service life of tires is increased when four wheel drive is activated for tires that slip with two wheel drive. Four wheel drive lever locking mechanism is activated with a lever in this models. It is performed electronically. Four wheel drive may be activated or deactivated at all gear ranges, at fixed and low speed that the tractor moves. Four wheel drive shall be activated so that you can obtain maximum efficiency from your tractor in rough terrain conditions.



HYDRAULICS, 3-POINT LINKAGE AND AUXILIARY REMOTE VALVES

Sturdy 3-point linkage Category II with ball ends is employed with the lift rods and stabilizers, Clevis type and drawbar, designed to allow easy operations. The Upper link comes with Hydraulic Cylinder with hook & is hydraulically-controlled. Side oscillation is avoided with the help of side struts. Hydraulic control panel is provided for position control, desired height locking, sensitivity setting, lowering lifting speed, vibration dampening.

The tractor comes with a standard 4 sets of remote auxiliary valves to work with different hydraulic implements. The hydraulics operate at a high pressure of 190Mpa & allows heavy loads upto 5000 kg to be lifted.

AUTOMATIC LIFTING SYSTEM

As a part of the hydraulic system, automatic lifting system allows to lift and lower the equipment while ploughing field without disturbing the position setting of the linkage arms on the hydraulic unit.

Automatic lifting system (ALS) may be controlled mechanically or electrically. The purpose of this system is to provide the same ploughing depth at every position in the field and to provide ease of use.

ALS is generally used to lift the equipment at the end of the groove while ploughing without changing the settings of hydraulic control levers, and to lower the equipment to the previous.

This is used to operate equipment such as trailer, loader, excavator and rotary plough etc.



MAHINDRA 8600 SERIES

MODELS	MAHINDRA 8600-110 P
ENGINE	
Type	Four Stoke,direct Injection, Turbo Charged, Inter Cooled Engine,
Cylinders	4
Engine HP @ rpm	110 @ 2200
Displacement cubic (cc)	4400
CLUTCH	
Type	Dual Clutch
TRANSMISSION	
Type	Synchromesh - Zf 557
Number of Gears / Speeds	16 F X 16 R
STEERING	
Type	Hydraulic Steering
BRAKES	
Type	Oil Immersed Brakes
HYDRAULIC SYSTEM	
Type	Open Centre Full Live Hydraulic With Position & Draft Controls
3-Point Linkage	CAT II With Stabilizer
Lift Capacity at Hitch Point, Kg	5000
PTO	
Type	Independent Electro Hydraulic
PTO RPM (Engine rpm)	430-540- 750 (540E) - 1000 (750E)
PTO HP	93.5
OPERATING WEIGHT	
Total Kg	4950
DIMENSIONS with Ag Tires	
Overall Length (mm)	4445
Overall Width (mm)	2030
TIRES Sizes and Options	
Standard Front	Front: 340/85 R24
Standard Rear	Rear: 460/85 R34

PRODUCT DISCLAIMER

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