



2216 HST / 3316 4WD / 3316 HST Specifications

Front axle

The live front axle is equipped with bevel gear final drive to achieve high ground clearance. The hydrostatic steering system coupled with a tight steering angle ensures excellent maneuverability and precise steering.

High capacity hydraulics

They allow you to tackle big jobs with ease. The easy access hydraulic block enables external hydraulic connections.

Rear and mid PTO

In the shuttle shift manual transmission tractors, the PTO is engaged by a hydraulic clutch allowing for a safer and easier PTO operation.

Mid PTO is offered as standard in 2216 HST, while it is optional in 3316 4WD & 3316 HST tractors, for use with performance matched mid-mounted rotary mowers.

Friendly instrument panel

The clear view multifunctional instrument panel is very operator friendly. The gauges are smartly arranged and the panel is easy to read.



	2216 HST	3316 4WD	3316 HST
ENGINE			
Compression Ratio	22 : 1	22.5 : 1	22.5 : 1
Cylinders	3	3	3
Displacement	1125 cc	1496 cc	1496 cc
Max Engine HP (kW) @ rpm	22 (16.4) @ 2500 rpm	33 (24.6) @ 2500 rpm	33 (24.6) @ 2500 rpm
Type	Four stroke, indirect injection, water-cooled, diesel	Four stroke, indirect injection, turbo-charged, water-cooled, diesel	Four stroke, indirect injection, turbo-charged, water-cooled, diesel
ELECTRIC			
Alternator	12 volt, 50 amp	12 volt, 55 amp	12 volt, 55 amp
Battery Capacity	12 volt, 46 amp hours	12 volt, 46 amp hours	12 volt, 46 amp hours
CLUTCH			
Type	Single plate, dry	Single plate, dry	Single plate, dry
TRANSMISSION			
Number of Gears	Infinite	8 forward, 8 reverse	Infinite
Type	HST - 2 ranges	Syncromesh on forward reverse shuttle and constant mesh on gear shift	HST - 3 ranges
FRONT WHEEL DRIVE			
Type	Mechanical	Mechanical	Mechanical
STEERING			
Pump Output	12.9 L/min	12.9 L/min	12.9 L/min
Type	Hydrostatic power	Hydrostatic power	Hydrostatic power
BRAKES			
Type	Dry shoe	Wet disc	Wet disc
HYDRAULIC SYSTEM			
3-Point Linkage	Category 1, with check chains	Category 1, with telescopic stabilisers	Category 1, with telescopic stabilisers
Auxiliary Remote Valves	1 set option	1 set option	1 set option
Lift Capacity	635 kgs	1200 kgs	1200 kgs
Pump Output	22 L/min	27.9 L/min	27.9 L/min
Type	Open centre, full-live hydraulic with position control	Open centre, full-live hydraulic with position control	Open centre, full-live hydraulic with position control
PTO			
Engagement	Mechanical	Electro-hydraulic	Mechanical
MID PTO RPM @ Engine RPM	2000 @ 2470 rpm	2000 @ 2525 rpm (optional)	2000 @ 2525 rpm (optional)
PTO HP (kW)	16 (11.9)	27 (20.1)	25 (18.6)
PTO RPM @ Engine RPM	540 @ 2356 rpm	540 @ 2376 rpm	540 @ 2376 rpm
Type	Live (Optional 60" mid-mount mower attachment available)	Independent	Live (Optional 72" mid-mount mower attachment available)
OPERATING WEIGHT			
Total	850 kgs	1154 kgs	1164 kgs
DIMENSIONS			
Overall Length	2705 mm	3080 mm	3080 mm
Overall Width	1175 mm	1520 mm	1520 mm
Turning Radius	2200 min. mm	2400 min. mm	2400 min. mm
TYRES			
Ag (Front / Rear)	7x12 / 9.5x16	7x16 / 11.2x24	7x16 / 11.2x24
Industrial (Front / Rear)	23x8.5-12 / 12x16.5	27x8.5-15 / 15x19.5	27x8.5-15 / 15x19.5
Turf (Front / Rear)	23x8.5-12 / 33x12.5-16.5	27x10.5-15 / 41x14-20	27x10.5-15 / 41x14-20

2216 HST / 3316 4WD / 3316 HST 16 Series Tractors



3 YEAR WARRANTY*



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Specification and design subject to change without notice.

*3 Year Engine & Powertrain Warranty.
See dealer for details.

2216 HST / 3316 4WD / 3316 HST
16 Series Tractors

Superior Performance

Big on capability and big on comfort. That is what describes these compact tractors. With a hydrostatic transmission or shuttle shift manual transmission, their incredible performance is a unique combination of power, comfort and reliability.

Versatility is standard. Their sheer ability to work with a variety of implement options like loaders, high-capacity rotary hoes, tillers, blades, backhoes and mid mount mowers make these an ideal choice to handle everything from lawn and garden chores to commercial landscaping.

Engine

The dependable Mitsubishi diesel engine delivers reliable power and plenty of torque. The efficient combustion produces more horsepower per litre of fuel. The turbocharged engine in 3316 4WD & 3316 HST offers smooth lugging power providing ample strength and traction needed during tough jobs.



Transmission

Hydrostatic transmission (in 2216 HST & 3316 HST): This agile and comfortable transmission efficiently transfers power to the ground and provides infinite speed selection in either direction. So choosing the right speed for a job becomes easy. The traveling speeds and direction changes are done with a single pedal without clutching or hand shifting, so that the hands remain free for steering and implement control. The 2216 HST features a 2 range transmission, while the 3316 HST has 3 ranges.

These tractors feature cruise control as standard. This allows you to select and maintain a constant working speed, without keeping your foot on the foot pedal. Something you will greatly appreciate while mowing large areas.

Shuttle Shift Manual transmission (in 3316 4WD):

The standard 8 forward and 8 reverse transmission with side shift levers is very easy to operate. The left hand synchronised reverser provides smooth and great control for maximum productivity during intense loader operations.



Spacious operator platform

The spacious platform provides plenty of room for the operator. The ergonomically placed controls, pedals and tilted steering column only add to it. The comfortable mounting steps and easy grip handle on either side makes it easy to get on and off.

The Mahindra MBH Series of Backhoes

Main features:

- The sub-frame mounting system mounts to the centre and rear end of tractor. This 4-point mounting system protects the tractor and still allows fast, easy installation and removal of backhoe without removing 3-point hitch arms.
- Backhoe valve is positioned low to operator. This allows less heat and noise to be transferred into operator's area.
- Dedicated hydraulic valve with dual plus axis levers.
- Heavy duty swing frame.
- Hydraulic flow used from the tractor pump.
- Optional bucket sizes.



BACKHOE MODEL	MBH35	
	2216 HST	3316 4WD/3316 HST
TRACTOR MODELS APPLICABLE		
Digging Depth (to foot flat bottom)	2017 mm	1905 mm
Reach from centre line of swing pivot	2893 mm	2893 mm
Loading Height (bucket at 60°)	1661 mm	1773 mm
Max. Leveling Angle	14°	10°
Swing Arc	180°	180°
Transport Height (max)	1889 mm	2001 mm
Transport Overhang	1223 mm	1223 mm
Bucket Rotation	172°	172°
Stabiliser Spread (down position)	2259 mm	2162 mm
Stabiliser Spread (up position)	1180 mm	1180 mm
Angle of departure	14°	18°
Tyre size considered	7x12 / 9.5x16	27x8.5-15 / 15x19.5
Shipping weight	357 kg	357 kg
Bucket Digging Force	1278 kgf	1278 kgf
Dipperstick Digging Force	793 kgf	793 kgf
Operating Pressure	170 bar	170 bar
Standard Bucket Sizes	9"	
Optional Bucket Sizes	12" and 18"	

The Mahindra Mid Mount Mowers

Main Features:

- Deck lifted and lowered hydraulically through a dedicated control valve.
- Heavy duty deck with 8 GA frame thickness.
- Removal by quick release pins.
- The deck can be locked in top position to retain the use of 3-point linkage.
- Easy adjustment of deck height by caster wheels.

TRACTOR MODELS APPLICABLE

	MMMM 2015 Deck 2216 HST	MMMM 3316 Deck 3316 4WD/3316 HST
Cutting Width	1.52 m (60")	1.83 m (72")
Cutting Height Range	38 mm – 102mm (1-1/2" - 4")	25 mm – 102 mm (1" - 4")
Tractor Mid PTO Speed	2000 rpm	2000 rpm
Blade Speed	2800 rpm	2800 rpm
Blade Tip Speed	77 metres/sec	81 metres/sec
Blade Spindles	3	3
Number of Blades	3	3
Universal Drive	L6R	L6R
Caster Wheels	4	4
Caster Size	82.6mm x 158.7 mm	88.9 mm x 203.2 mm
Mower Frame Thickness	8 GA Deck	8 GA Deck

The Mahindra ML Series of Loaders

Main features:

- Rugged mainframe with durable boom structure mounted rigidly across chassis.
- **Self Level Design (Except on ML 425)**
The linkages on the loader maintains the bucket in horizontal position, just by operating the boom, offering safe work performance.
- **Quick Hitch Design**
Switching from buckets to pallet forks, bale spikes etc. is easier and quicker.
- **Quick Attach Design**
The loader can be easily installed and removed with just two pins.



LOADER SPECIFICATIONS

LOADER MODEL	ML425	ML437
TRACTOR MODEL APPLICABLE	2216 HST	3316 4WD/3316 HST
Self Level Mechanism	No	Standard
Maximum Lift Height	2220 mm	2496 mm
Clearance with Attachment Level	2053 mm	2206 mm
Clearance with Attachment Dumped	1745 mm	1651 mm
Reach at Maximum Height	405 mm	168 mm
Maximum Dump Angle	45°	63°
Reach with Attachment on Ground	1422 mm	1696 mm
Attachment Rollback Angle	35°	48°
Digging Depth Below Grade	85 mm	92 mm
Overall Height in Carry Position	1100 mm	1282 mm
Depth of Attachment (to back of inner shell)	440 mm	591 mm
Height of Attachment	440 mm	500 mm
Depth of Attachment (to pivot pin)	507 mm	656 mm
Lift Capacity to Full Height at Pivot Pins	538 kgf	527 kgf
Breakout Force at Ground Level, Pivot Pins	778 kgf	977 kgf
Relief Valve Setting (Loader Control Valve)	160 kg/cm ²	180 kg/cm ²
Rated Flow (Tractor System)	22 L/min	27.9 L/min
Attachment width used for specification	1270 mm	1574 mm
Bucket capacity	0.147 cu.m	0.284 cu.m
Hydraulic System	Tractor pump with loader control valve	
Bucket Level indicator	Standard on all tractors	
OPTIONAL ATTACHMENTS (for all models)	Grill guard, bale spikes, pallet forks and 4-in-1 buckets	



Proven Quality – JAPAN QUALITY MEDAL WINNER

Quality is paramount at Mahindra and we are proud to be the first and only tractor manufacturing company in the world to win the Japan Quality Medal (JQM), a laurel truly hard to earn. It is universally acclaimed as the highest award presented to a company following Total Quality Management (TQM) practices in their entire business operations. JQM recognizes a high level of customer focus, improvements in overall quality and excellence in business processes.

Also, Mahindra was the first tractor company worldwide to win the Deming Application Prize in 2003 for excellence in quality, making it the only tractor manufacturer to receive both distinctions.



JAPAN QUALITY MEDAL WINNER