

2015 HST / 3015 HST / 3215 4WD  
**15 Series Tractors**

**MAHINDRA**  
T R A C T O R S



**3 YEAR WARRANTY\***



Cultivate  
Your  
Dreams™

\*3 Year Engine & Powertrain Warranty

2015 HST / 3015 HST / 3215 4WD

## 15 Series Tractors

### Superior Performance

Big on capability and big on comfort. That's what describes the '15 Series' 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 the 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 3015HST & 3215 4WD offers smooth lugging power providing ample strength and traction needed during tough Jobs. These engines conform to the Tier II emission norms.



#### Transmission

**Hydrostatic transmission (in 2015 HST & 3015 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. 2015HST features a 2 range transmission, while 3015HST 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 3215 4WD):** The standard 8 forward and 8 reverse transmission with side shift levers is very easy to operate. The left hand synchronized 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.



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T R A C T O R S



## 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 the HST versions, while it is optional in Shuttle Shift Manual Transmission 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.



## The Mahindra MBH Series of Backhoes

### Main features:

- The Sub-frame Mounting System mounts to the center 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 SPECIFICATIONS

### BACKHOE MODEL

#### TRACTOR MODELS APPLICABLE

Digging Depth (to foot flat bottom)

Reach from centre line of swing pivot

Loading Height (bucket at 60°)

Max. Leveling Angle

Swing Arc

Transport Height (max)

Transport Overhang

Bucket Rotation

Stabilizer Spread (down position)

Stabilizer Spread (up position)

Angle of departure

Tyre size considered

Shipping weight

Bucket Digging Force

Dipperstick Digging Force

Operating Pressure

Standard Bucket Sizes

Optional Bucket Sizes

### MBH35

#### 2015 HST

#### 3015 HST

#### 3215 4WD

2017 mm

1990 mm

1905 mm

2893 mm

2893 mm

2893 mm

1661 mm

1688 mm

1773 mm

14°

13°

10°

180°

180°

180°

1889 mm

1916 mm

2001 mm

1223 mm

1223 mm

1223 mm

172°

172°

172°

2259 mm

2241 mm

2162 mm

1180 mm

1180 mm

1180 mm

14°

15°

18°

7x12 / 9.5x16

8x16 / 12.4x24

27x8.5-15 / 15x19.5

357 kg

357 kg

357 kg

1278 kgf

1278 kgf

1278 kgf

793 kgf

793 kgf

793 kgf

170 bar

170 bar

170 bar

9"

12" and 18"

## The Mahindra Mid Mount Mowers

### Main Features:

- 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

Cutting Width

Cutting Height Range

Tractor Mid PTO Speed

Blade Speed

Blade Tip Speed

Blade Spindles

Number of Blades

Universal Drive

Caster Wheels

Caster Size

Mower Frame Thickness

### MMMM 2015 Deck

#### 2015 HST

### MMMM 3015 Deck / MMMM 3215 Deck

#### 3015 HST / 3215 4WD

1.52 m (60")

1.83 m (72")

38 mm – 102mm (1-1/2" - 4")

25 mm – 102 mm (1" - 4")

2,000 rpm

2,000 rpm

2,800 rpm

2,800 rpm

77 meters/sec

81 meters/sec

3

3

3

3

L6R

L6R

4

4

82.6mm x 158.7 mm

88.9 mm x 203.2 mm

8 GA Deck

8 GA Deck

## 2015 HST / 3015 HST / 3215 4WD 15 Series Tractors

### 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 the 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

#### TRACTOR MODEL APPLICABLE

Self Level Mechanism
Maximum Lift Height
Clearance with Attachment Level
Clearance with Attachment Dumped
Reach at Maximum Height
Maximum Dump Angle
Reach with Attachment on Ground
Attachment Rollback Angle
Digging Depth Below Grade
Overall Height in Carry Position
Depth of Attachment (to back of inner shell)
Height of Attachment
Depth of Attachment (to pivot pin)
Lift Capacity to Full Height at Pivot Pins
Breakout Force at Ground Level, Pivot Pins
Relief Valve Setting (Loader Control Valve)
Rated Flow (Tractor System)
Attachment width used for specification
Bucket capacity
Hydraulic System
Bucket Level indicator
OPTIONAL ATTACHMENTS ( For all models )

#### ML425

#### 2015 HST

No
2,220 mm
2,053 mm
1,745 mm
405 mm
45°
1,422 mm
35°
85 mm
1,100 mm
440 mm
440 mm
507 mm
538 kgf
778 kgf
160 kg/cm <sup>2</sup>
22 L/min
1,270 mm
0.147 cu.m

#### ML435

#### 3015 HST

Standard
2,500 mm
2,211 mm
1,711 mm
486 mm
68°
1,744 mm
50°
85 mm
1,245 mm
591 mm
500 mm
656 mm
527 kgf
977 kgf
180 kg/cm <sup>2</sup>
27.2 L/min
1,574 mm
0.284 cu.m

#### ML 437

#### 3215 4WD

Standard
2,496 mm
2,206 mm
1,651 mm
168 mm
63°
1,696 mm
48°
92 mm
1,282 mm
591 mm
500 mm
656 mm
527 kgf
977 kgf
180 kg/cm <sup>2</sup>
27.9 L/min
1,574 mm
0.284 cu.m

Tractor Pump with Loader Control Valve

Standard on all Tractors

Grill Guard, Bale Spikes, Pallet Forks and 4 in 1 Buckets



### PROVEN QUALITY

Mahindra Tractors is the first tractor company in the world to be awarded the prestigious Deming Application Prize. It is one of the world's top awards for quality and is given to companies that practice Total Quality Management in their entire business operations. And it's a stand that Mahindra is committed to maintaining for their Australian customers.



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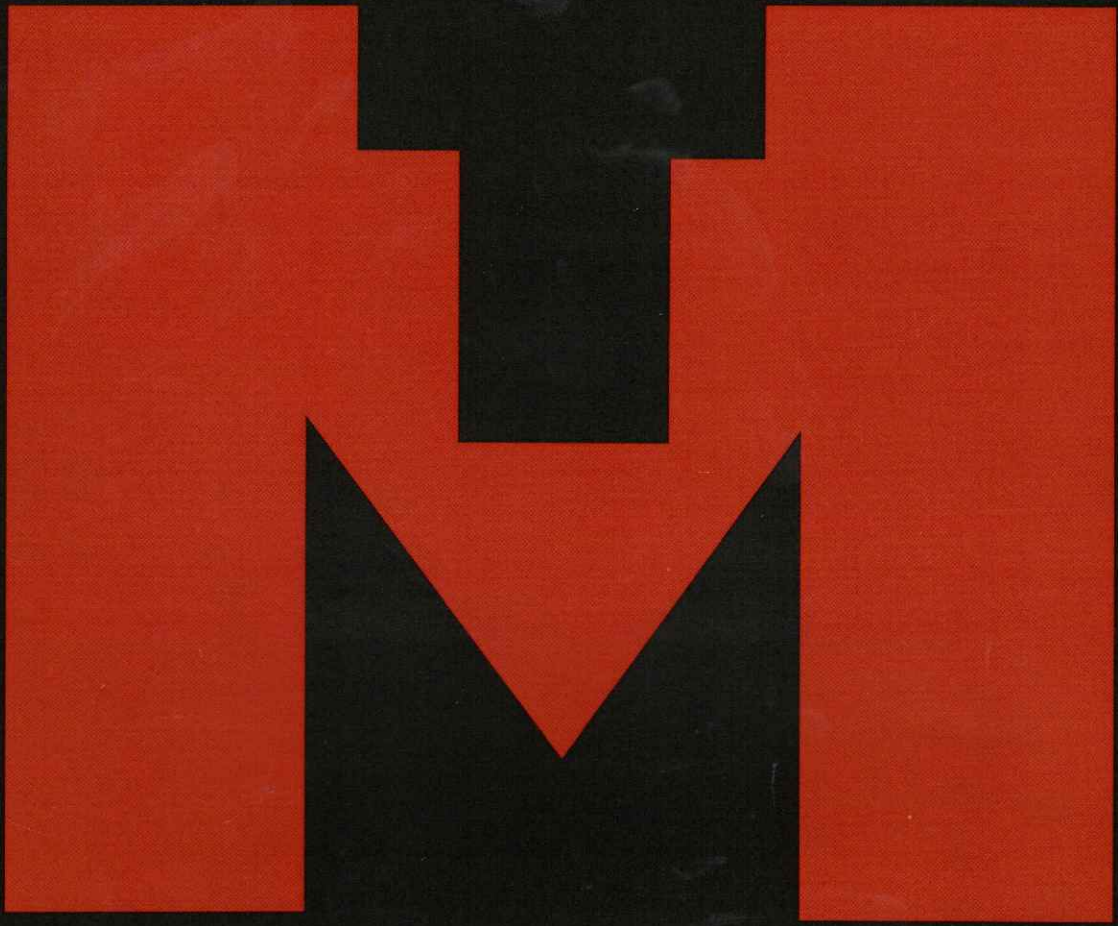
## 2015 HST / 3015 HST / 3215 4WD Specifications

	2015 HST	3015 HST	3215 4WD
<b>ENGINE</b>			
Compression Ratio	22 : 1	18 : 1	22.5 : 1
Cylinders	3	3	3
Displacement	1125 cc	1496 cc	1496 cc
Engine HP (kW) @ rpm	20.3 (15.1) @ 2500 rpm	30 (22.4) @ 2500 rpm	32 (23.8) @ 2500 rpm
Type	Four stroke, indirect injection, water-cooled, diesel	Four stroke, direct injection, turbo-charged, water-cooled, diesel	Four stroke, indirect injection, turbo-charged, water-cooled, diesel
<b>ELECTRIC</b>			
Alternator	12 volt, 50 amp	12 volt, 40 amp	12 volt, 55 amp
Battery Capacity	12 volt, 46 amp hours	12 volt, 46 amp hours	12 volt, 46 amp hours
<b>CLUTCH</b>			
Type	Single plate, dry	Single plate, dry	Single plate, dry
<b>TRANSMISSION</b>			
Number of Gears	Infinite	Infinite	8 forward, 8 reverse
Type	HST - 2 ranges	HST - 3 ranges	Syncromesh on forward reverse shuttle and constant mesh on gear shift
<b>FRONT WHEEL DRIVE</b>			
Type	Mechanical	Mechanical	Mechanical
<b>STEERING</b>			
Pump Output	12.9 L/min	12.3 L/min	12.7 L/min
Type	Hydrostatic power	Hydrostatic power	Hydrostatic power
<b>BRAKES</b>			
Type	Dry shoe	Wet disc	Wet disc
<b>HYDRAULIC SYSTEM</b>			
3-Point Linkage	Category 1, with check chains	Category 1, with check chains	Category 1, with telescopic stabilizers
Auxiliary Remote Valves	1 set option	1 set option	1 set option
Lift Capacity	635 kgs	1000 kgs	1200 kgs
Pump Output	22 L/min	27.2 L/min	27.9 L/min
Type	Open center, full-live hydraulic with position control	Open center, full-live hydraulic with position control	Open center, full-live hydraulic with position control
<b>PTO</b>			
Engagement	Mechanical	Mechanical	Electro-hydraulic
MID PTO RPM @ Engine RPM	2000 @ 2470 rpm	2000 @ 2632 rpm	2000 @ 2525 rpm (optional)
PTO HP (kW)	16 (11.9)	24 (17.9)	25.6 (19.1)
PTO RPM @ Engine RPM	540 @ 2356 rpm	540 @ 2376 rpm	540 @ 2376 rpm
Type	Live (Optional 60" mid-mount mower attachment available)	Live (Optional 72" mid-mount mower attachment available)	Independent
<b>OPERATING WEIGHT</b>			
Total	850 kgs	1115 kgs	1154 kgs
<b>DIMENSIONS</b>			
Overall Length	2705 mm	2920 mm	3080 mm
Overall Width	1175 mm	1400 mm	1520 mm
Turning Radius	2194 min. mm	2499 min. mm	2400 min. mm
<b>TYRES</b>			
Ag (Front / Rear)	7x12 / 9.5x16	8x16 / 12.4x24	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

Specification and design subject to change without notice.

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**Mahindra  
Tractors**