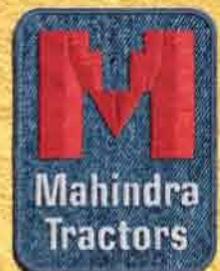


**MAHINDRA**

**16 SERIES**



**Cultivate your dreams®**



# THE 16 SERIES

PUSH MORE, PULL MORE, LIFT MORE WITH OUR STURDY,  
COMPACT TRACTORS. AVAILABLE IN GEAR OR HST TRANSMISSIONS.



## MAHINDRA TRACTORS ARE BUILT FOR PERFORMANCE.

Every tractor is designed and manufactured to help you get the most out of your land, so you can cultivate your dreams. The 16 Series is no exception. These modern-looking 4WD work-horses range from 18 hp to 33 hp, and are for light-medium duty applications.

Mahindra tractors consistently outperform others in their class by being heavier and more durable – yet easy to handle. Rugged, cast-iron chassis give our tractors extra weight, providing more traction, stability and control.

Our tractors have higher lift capacities. Carry bigger loads. Handle larger implements. And come in a wide range of sizes, so you can find one that's ideal for your workload.

Simply put, a Mahindra tractor does what needs to be done – quickly and efficiently.

## 98% OF MAHINDRA OWNERS RECOMMEND MAHINDRA

Who can gauge our commitment to product quality better than the people who own our tractors? In a recent study, a leading market research firm interviewed Mahindra

owners nationwide and asked them to evaluate their level of satisfaction with the performance of their Mahindra tractors. The study found that 98% of Mahindra owners were likely to recommend Mahindra to their friends and family.

## STABLE DEALERS AND A 3-YEAR WARRANTY\*

Mahindra dealers are fully qualified and armed with the resources to not only put you on the right tractor but to continue to meet your needs after your purchase. We support our dealers with the ability to ship parts within 24 hours.

At Mahindra, we proudly stand behind our tractors. So we provide dealers with warranty assistance, technical support, low-rate retail financing and on-site approvals, making it quicker and easier to put you on the tractor of your choice.



## CULTIVATING DREAMS IN THE U.S.A.

From army vehicles to farm tractors to major automobile manufacturing, Mahindra's relationship with American industry goes back to World War II – when our parent company, Mahindra & Mahindra, assembled the famous Willys Jeep for American GIs.

After teaming up with International Harvester in 1963 to manufacture tractors, M&M today ranks among the largest tractor companies in the world, with sales of over 120,000 units annually in 10 countries.

## AWARDS FOR QUALITY



The Farm Equipment Sector of Mahindra & Mahindra Ltd. received the coveted Deming Application Prize for 2003, considered the Nobel Prize for manufacturing, for establishing Total Quality Management in all business operations. In 2007, Mahindra & Mahindra Ltd. became the only tractor manufacturing company in the world to receive the coveted Japan Quality Medal for excellence in Total Quality Management, awarded by the Deming Prize Committee care of the union of Japanese Scientists.

## GROWING DEMAND

Mahindra USA's Tomball, Texas, facility was joined by assembly and distribution centers in Calhoun, Georgia, and Red Bluff, California – more than doubling our production capacity to meet growing demands for our tractors.

# LOADERS

## ML102

## ML104

## ML105

## ML106

## ML111

### Tractor Models

1816 HST

2216 4WD/  
2216 HST

2516 4WD/  
2516 HST

2816 4WD/  
2816 HST

3316 4WD/  
3316 HST

Maximum Lift Height	74"	76.5"	83"	96.5"	94"
Clearance with Attachment Dumped	58.8"	57"	64.5"	79"	76"
Reach at Maximum Height	25"	22.4"	30.5"	28"	24.5"
Maximum Dump Angle	38°	45°	40°	39°	38°
Attachment Rollback Angle	20°	20°	20°	19°	20°
Digging Depth Below Grade	4"	5.8"	4"	2.9"	4.8"
Lift Capacity to Full Height @ Pivot Pins	900 lbs.	915 lbs.	1050 lbs.	1050 lbs.	1410 lbs.
Breakout Force @ Pivot Pins	2000 lbs.	1828 lbs.	2000 lbs.	2172 lbs.	2650 lbs.
Rated Flow (Tractor System)	4.5 gpm	5.8 gpm	5.8 gpm	7.8 gpm	7.4 gpm
Attachment Width used for specification	48"	48"	48"	60"	60"
Attachment Rated Capacity used for specification	5.3 cu. ft.	5.8 cu. ft.	7.0 cu. ft.	9.0 cu. ft.	9.0 cu. ft.
Cycle Times @ rpm	2800 rpm	2900 rpm	2670 rpm	2900 rpm	2700 rpm
Raise Boom (seconds)	4.3	3.1	3.3	2.8	4.9
Lower Boom (seconds)	3.5	2.2	2.4	2.2	4.1
Dump Attachment (seconds)	2.8	2.1	2.2	1.9	3.8
Retract Attachment (seconds)	2.5	2.1	2.6	1.9	3.0

### Optional Attachments

Grille Guard	✓	✓	✓	✓	✓
Quick Attach Adapter – Pin-On		✓	✓	✓	✓
Pallet Fork		✓	✓	✓	✓
Bale Spear					✓

### Skid Steer Attachments

Bucket					✓
Quick Attach Adapter					✓
Bale Spear					✓
Pallet Fork					✓



## LOADER

Whether moving earth, scraping a surface or smoothing a gravel road, Mahindra's loader is a rugged and extremely versatile tool.

## BACKHOE

Sub-frame mounted backhoes are also available.



# MAHINDRA 16 SERIES



## STANDARD FEATURES

- Infinite speed automatic transmission (HST models)
- Mid PTO available for all models (standard on some HST models)
- Tilttable steering column (except for 1816)
- Hitch lowering speed adjustment knob
- Easy hook for top link retention
- Easy access hydraulic block to enable external hydraulic connections
- Foldable ROPS
- Comfortable, adjustable driver seat with water drain facility
- Easy forward tilt possible on seat for tractor storage
- Spacious, full-flat operator platform on some models
- Front bumper / weight bracket
- Enclosed down-swept exhaust muffler
- Hood opens completely for ease of access
- Reinforced metal fenders. Additional sleek plastic mudguards on 3316
- Drawbar
- Spacious, full-flat operator platform with rubber mat on 1816, 2516, & 3316
- Clear view, multifunctional instrument panel
- Ergonomic controls and pedals for operator comfort
- Comfortable mounting step and easy grip handle on either side of tractor
- Handy toolbox behind driver on some models
- Easy latch for clutch pedal locking during tractor storage
- 3-year limited warranty\*

## SUPERIOR PERFORMANCE

**Higher lift capacity** Handle larger implements and get work done a lot faster

**Heavy-duty components** Tough and rugged. Keep right on performing day after day

**Sturdier chassis** Greater stability keeps you safe while handling rigorous work

**Heavier chassis** Additional weight provides extra traction



### GAUGES

Our easy-to-read gauges give you all the information you need at a glance in virtually any lighting or at any time of day. That means no squinting or eye-strain.



### PLATFORM

The platforms on our tractors are designed to give you easy access from either side and comfortable foot placement while you are using your Mahindra.



### 3-POINT HITCH

Mahindra employs 3-point linkages that are heavy and sturdy to ensure stability. Compare ours to other brands and you can clearly see the difference.

The Mahindra Group  
Mahindra USA, Inc.  
17723 FM 2920  
Tomball, Texas 77377  
1-800-887-2286  
[www.mahindrausa.com](http://www.mahindrausa.com)

\*3-year engine and power train warranty – see dealer for details. Specifications and design subject to change without notice. ©2008 Mahindra USA, MAH-0408 The Mahindra Group ©2008 Mahindra USA, Inc.

## TRACTORS

## 1816 HST

## 2216 4WD

## 2216 HST

Engine	L3E	S3L	S3L
Type	Four stroke, indirect injection, water-cooled, diesel	Four stroke, indirect injection, water-cooled, diesel	Four stroke, indirect injection, water-cooled, diesel
Cylinders	3	3	3
Engine HP (kW) @ rpm	18 (13.4) @ 2600	22 (16.4) @ 2500	22 (16.4) @ 2500
Compression Ratio	23:1	22:1	22:1
Displacement cubic inch (cc)	58.1 (952)	68.6 (1125)	68.6 (1125)
<b>Electrical</b>			
Battery Capacity	12 volt, 35 amp hours	12 volt, 46 amp hours	12 volt, 46 amp hours
Alternator	12 volt, 40 amps	12 volt, 50 amps	12 volt, 50 amps
<b>Clutch</b>			
Type	Single plate, dry	Single plate, dry	Single plate, dry
<b>Transmission</b>			
Type	HST – 2 ranges	Constant mesh on gear shift and sliding mesh on range selection	HST – 2 ranges
Number of Gears/Speeds	Infinite	6 forward, 2 reverse	Infinite
<b>Front Wheel Drive</b>			
Type	Mechanical	Mechanical	Mechanical
<b>Steering</b>			
Type	Hydrostatic power	Hydrostatic power	Hydrostatic power
Pump Output (gallons per minute)	2.3	3.4	3.4
<b>Brakes</b>			
Type	Wet disc	Dry shoe	Dry shoe
<b>Hydraulic System</b>			
Type	Open-center, full-live hydraulic pump with position control	Open-center, full-live hydraulic pump with position control	Open-center, full-live hydraulic pump with position control
Pump Output (gallons per minute)	4.5	5.8	5.8
3-Point Linkage	Category 1, with check chains	Category 1, with check chains	Category 1, with check chains
Lift Capacity (lbs.)	1400	1400	1400
Rear Auxiliary Remote Valves	1 spool optional	1 spool optional	1 spool optional
<b>PTO</b>			
Type	Live	Trans	Live
PTO RPM (engine rpm)	540 @ 2376	540 @ 2356	540 @ 2356
MID PTO RPM (engine rpm)*	2000 @ 2556*	2000 @ 2470*	2000 @ 2470
PTO HP (kW)	13.5 (10.0)	17.5 (13.0)	16 (11.9)
<b>Operating Weight</b>			
Total (lbs.)	1515	1819	1973
<b>Dimensions with Industrial Tires</b>			
Overall Length Inches (mm)	101.1 (2570)	106.5 (2705)	106.5 (2705)
Overall Width Inches (mm)	50.7 (1290)	53.5 (1359)	53.5 (1359)
Turning Radius Min. Feet (mts)	5.9 (1.8)	7.2 (2.2)	7.2 (2.2)
<b>Tires Sizes and Options</b>			
Ag (Front / Rear)	n/a	n/a	n/a
Industrial (Front / Rear)	20x8.0-10 / 27x12.5-15	23x8.5-12 / 12x16.5	23x8.5-12 / 12x16.5
Turf (Front / Rear)	20x8.0-10 / 29x12.5-15	n/a	n/a
<b>Options</b>			
Mid-mount Mower	52"	60"	60"
Soft Cab with Canopy	n/a	✓	✓
Snow Blowers	n/a	✓	✓

\* Optional on 1816 HST, 2216 4WD, 2516 4WD, 2516 HST, 2816 4WD, 3316 4WD and 3316 HST

## 2516 4WD

## 2516 HST

## 2816 4WD

## 2816 HST

## S3L2

## S3L2

## S3L2

## S3L2

Four stroke, indirect injection,  
water-cooled, dieselFour stroke, indirect injection,  
water-cooled, dieselFour stroke, indirect injection,  
water-cooled, dieselFour stroke, indirect injection,  
water-cooled, diesel

3

3

3

3

25 (18.6) @ 2500

25 (18.6) @ 2500

28 (20.8) @ 2500

28 (20.8) @ 2500

22:1

22:1

22:1

22:1

80.4 (1318)

80.4 (1318)

80.4 (1318)

80.4 (1318)

12 volt, 35 amp hours

12 volt, 35 amp hours

12 volt, 46 amp hours

12 volt, 46 amp hours

12 volt, 50 amps

12 volt, 50 amps

12 volt, 50 amps

12 volt, 50 amps

Single plate, dry

Single plate, dry

Dual plate, dry

Single plate, dry

Constant mesh on gear  
shift and synchromesh  
on forward reverse shuttle

HST – 2 ranges

Constant mesh on gear  
shift and sliding mesh  
on range selection

HST – 3 ranges

8 forward, 8 reverse

Infinite

9 forward, 3 reverse

Infinite

Mechanical

Mechanical

Mechanical

Mechanical

Hydrostatic power

Hydrostatic power

Hydrostatic power

Hydrostatic power

2.7

2.7

3.5

3.5

Wet disc

Wet disc

Wet disc

Wet disc

Open-center, full-live hydraulic pump  
with position controlOpen-center, full-live hydraulic pump  
with position controlOpen-center, full-live hydraulic pump  
with position controlOpen-center, full-live hydraulic pump  
with position control

5.8

5.8

7.8

7.8

Category 1, with check chains

2205

2205

2205

2205

1 spool optional

1 spool optional

1 spool optional

1 spool optional

Trans

Live

Live

Live

540 @ 2376

540 @ 2376

540 @ 2376

540 @ 2376

2000 @ 2526\*

2000 @ 2526\*

2000 @ 2632\*

2000 @ 2632

21.5 (16.0)

20 (14.9)

23 (17.1)

21.1 (15.7)

1819

1863

2315

2458

109.3 (2775)

109.3 (2775)

115 (2920)

115 (2920)

54.3 (1380)

54.3 (1380)

59.4 (1509)

59.4 (1509)

6.6 (2.0)

6.6 (2.0)

7.9 (2.4)

7.9 (2.4)

n/a

n/a

7x16 / 11.2x24

7x16 / 11.2x24

23x8.5-12 / 12x16.5

23x8.5-12 / 12x16.5

27x8.5-15 / 15x19.5

27x8.5-15 / 15x19.5

n/a

n/a

n/a

n/a

60"

60"

72"

72"

n/a

n/a

✓

✓

n/a

n/a

✓

✓

## 3316 4WD

## 3316 HST

## S3L3

## S3L3

Four stroke, indirect injection,  
water-cooled, diesel, turbocharged

Four stroke, indirect injection,  
water-cooled, diesel, turbocharged

3

3

33 (24.6) @ 2500

33 (24.6) @ 2500

22.5:1

22.5:1

91.3 (1496)

91.3 (1496)

12 volt, 46 amp hours

12 volt, 46 amp hours

12 volt, 55 amp hours

12 volt, 55 amp hours

Single plate, dry

Single plate, dry

Constant mesh on gear  
shift and synchromesh  
on forward reverse shuttle

HST – 3 ranges

8 forward, 8 reverse

Infinite

Mechanical

Mechanical

Hydrostatic power

Hydrostatic power

3.4

3.4

Wet disc

Wet disc

Open-center, full-live hydraulic pump  
with position control

Open-center, full-live hydraulic pump  
with position control

7.4

7.4

Category 1, with check chains

Category 1, with check chains

2646

2646

1 spool optional

1 spool optional

Independent

Live

540 @ 2376

540 @ 2376

2000 @ 2525\*

2000 @ 2525\*

27 (20.1)

25 (18.6)

2544

2566

121.3 (3080)

121.3 (3080)

59.8 (1520)

59.8 (1520)

7.9 (2.4)

7.9 (2.4)

n/a

n/a

27x8.5-15 / 15x19.5

27x8.5-15 / 15x19.5

n/a

n/a

72"

72"

n/a

n/a

✓

✓