



16 SERIES

- #1 Selling Tractor in the World
- 5-year Powertrain Warranty
- 97% Customer Satisfaction Rating
- 98% Customer Loyalty Rating



DEMING PRIZE
2003



JAPAN QUALITY MEDAL
2007

Mahindra
Rise.

PREMIUM - 16 Series

The Mahindra 16 series premium tractors are high-performance 4WD compact tractors designed for light- to medium-duty applications. With models from 28 to 36 HP and with a wide range of choices – heavy-duty loaders, heavy-duty backhoes, gear, shuttle or hydrostatic transmissions, Ag/Industrial/Turf tires, drive over mid-mount mowers, cabs and soft cabs, snow blowers and a wide range of available implements – there is a model to meet your needs.

Key Features:

- 3 cylinder low RPM engine
- 8F/8R transmission, SynchroShuttle or 3 range HST
- Choice of Industrial, Ag or Turf tires
- 540 RPM PTO
- STANDARD Drawbar

Ideal For:

- Specialty / Hobby Farming
- Rural Lifestyle
- Equine

- High operating weight = better traction, stability and safety
- Hydrostatic power steering
- Best-in-class loader and 3-point lift capacities
- Cab and open station 3616
- STANDARD 5-year limited warranty - Industry's Best

- Home
- Grounds Maintenance / Municipal



3-point hitch



Platform



Dash Panel



Cab

- Category 1: 3-pt linkage
- Size, weight and performance all in one
- A true rugged compact tractor

- Comfortable operator's station provides excellent visibility
- Convenient reach to all controls for operator

- Clear view, easy-to-read instrument panel
- Power steering
- Tilttable steering column

- Wide open doors
- Ample head clearance
- 360° visibility

SUPERIOR PERFORMANCE. GREATER VALUE.

- Superior lift capacity = Lift heavier loads
- 5 year warranty = Peace of mind
- Professional grade construction = Bigger, thicker, more solid components
- Heavier, sturdier chassis = Greater traction, stability & safety



3016 HST



3616 Shuttle



AVAILABLE IMPLEMENTS

Mahindra offers a huge selection of implements to help you accomplish whatever task you wish to tackle and provide a complete Mahindra experience.

- Wide array of implements (186 variations)
- Competitive financing terms
- Standard-, Medium-, and Heavy-Duty implements to meet your needs
- Implements feature rugged construction with heavy-duty components
- 5 year gearbox limited warranty
- SNOW BLOWERS and SNOW REMOVAL equipment to meet cold-weather needs
- BEST VALUE in the market today



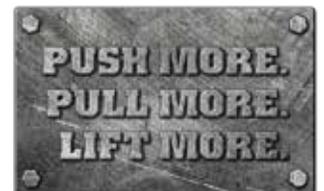
TRACTOR ATTACHMENTS

TRACTOR	3016 4WD Shuttle	3016 4WD HST	3616 4WD Shuttle	3616 4WD HST	3616 4WD Shuttle Cab	3616 4WD HST Cab
LOADER	ML115		ML115 SKC		ML116	
Maximum Lift Height	99.0"				99.0"	
Clearance with Attachment Dumped	79.8"				80.2"	
Reach at Maximum Height	19.5"		20.5"		19.5"	
Maximum Dump Angle	42°				42°	
Attachment Rollback Angle	19°				19°	
Digging Depth Below Grade	6.0"				6.0"	
Lift Capacity to Full Height @ Pivot Pins	1650				1650	
Breakout Force @ Pivot Pins	2350				2650	
Rated Flow (Tractor System)	11 gpm				11 gpm	
Attachment Width	60"				60"	
Attachment Rated Capacity	8.6 cu. ft				7.9 cu. ft	
Cycle Times @ rpm	2600				2600	
Raise Boom (seconds)	3.9				3.9	
Lower Boom (seconds)	2.4				2.4	
Dump Attachment (seconds)	2.6				2.6	
Retract Attachment (seconds)	2.6				2.6	
BACKHOE MODEL	3720				MB65	
TRANSPORT						
Transport Height	119"				66"	
Transport Overhang	44.7"				38"	
OPERATIONAL						
Maximum Digging Depth	94"				78"	
Digging Depth (2 Ft.) Flat Bottom	92"				76.5"	
Overall Operating Height - Fully Raised	120"				112"	
Loading Height (bucket @ 60°)	63"				62"	
Loading Reach (bucket @ 60°)	51"				34"	
Reach From Swing Post	127"				106"	
Bucket Rotation	175°				180°	
Swing Arc	180°				150°	
Stabilizer Spread Operating Position	101"				74"	
Stabilizer Down Below Grade	11"				6"	
System Relief Valve Setting (psi)	2050				2000	
Digging Force - Bucket (lbs.)	2900				2535	
Digging Force - Dipper (lbs.)	1800				1337	

Cab Features

including, but not limited to -

- HVAC
- Wide opening doors
- Work Lights
- Large glass surface area (clear 360° view)
- Excellent headroom and visibility



TRACTOR SPECIFICATIONS

TRACTOR	3016 4WD	3016 4WD	3616 4WD	3616 4WD	3616 4WD	3616 4WD
ENGINE	Shuttle	HST	Shuttle	HST	Shuttle Cab	HST Cab
Type	Four stroke, indirect injection water-cooled, diesel				Four stroke, indirect injection water-cooled, diesel	
Cylinders	3				3	
Engine HP (kW) @ rpm	28 (20.8) @ 2600		36.2 (27) @ 2600		36.2 (27) @ 2600	
Compression Ratio	22:1		22.5:1		22.5:1	
Displacement cubic inch ³ (cc)	80.4 (1318)		101.4 (1662)		101.4 (1662)	
Fuel Tank Capacity	7.1 gallons				7.1 gallons	
ELECTRICAL						
Battery Capacity	12 volt, 46 amp hours				12 volt, 46 amp hours	
Alternator	12 volt, 50 amps		12 volt, 55 amps		12 volt, 55 amps	
CLUTCH						
Type	Single plate, dry				Single plate, dry	
TRANSMISSION						
Type	Constant mesh on gear shift, synchro mesh on F/R shuttle	3 ranges	Constant mesh on gear shift, synchro mesh on F/R shuttle	3 ranges	Constant mesh on gear shift, synchro mesh on F/R shuttle	3 ranges
Number of Gears / Speeds	8F / 8R	Infinite	8F / 8R	Infinite	8F / 8R	Infinite
Max Speed Forward / Reverse mph (kmph)	11.9 (19.1) / 9.9 (16.0)	13.8 (22.2) / 6.9 (11.1)	12.7 (20.5) / 10.7 (17.2)		14.8 (23.8) / 7.4 (11.9)	
STEERING						
Type	Hydrostatic Power				Hydrostatic Power	
Pump Output (gallons per minute)	3.4				3.4	
BRAKES						
Type	Wet disc				Wet disc	
HYDRAULIC SYSTEM						
Type	Open center, full-live hydraulic with position control				Open center, full-live hydraulic with position control	
Pump Output (gallons per minute)	7.8		7.7		7.7	
3-Point Linkage	Category 1, with telescopic stabilizers				Category 1, with telescopic stabilizers	
Lift Capacity (lbs.)	2646				2646	
Rear Auxiliary Remote Valves	1 spool optional				1 spool optional	
PTO						
Type	Independent	Live	Independent	Live	Independent	Live
PTO RPM (engine rpm)	540 @ 2376				540 @ 2376	
Mid PTO RPM (engine rpm)*	2000 @ 2525*				2000 @ 2525*	
PTO HP (kW)	23.0 (17.1)	21.1 (15.7)	31.0 (23.1)	29.0 (21.6)	31.0 (23.1)	29.0 (21.6)
OPERATING WEIGHT						
Total (lbs.)	2437	2459	2560	2566	3020	3027
DIMENSIONS with Industrial Tires						
Overall Length Inches (mm)	121.3 (3080)				121.3 (3080)	
Overall Width Inches (mm)	63 (1600)		62 (1575)		62 (1575)	
Turning Radius Minimum Feet (meters)	7.8 (2.3)		8.2 (2.5)		8.2 (2.5)	
Overall Height Inches (mm) (with Industrial Tires)	81.5 (2069)		84.4 (2145)		84.5 (2146.3)	
TIRES Sizes and Options						
Ag (Front / Rear)	7x16 / 11.2x24				7x16 / 11.2x24	
Industrial (Front / Rear)	27x8.5-15 / 15x19.5		28x8.5-15 / 43x16-20		28x8.5-15 / 43x16-20	
Turf (Front / Rear)	25x8.5-14 / 13.6x16		27x10.5-15 / 41x14-20		27x10.5-15 / 41x14-20	

* optional