

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"		99.0"
Clearance with Attachment Dumped		79.8"		80.2"		80.2"
Reach at Maximum Height		22.5"		22.0"		22.0"
Maximum Dump Angle		42°		42°		42°
Attachment Rollback Angle		19°		19°		19°
Digging Depth Below Grade		6.0"		6.0"		6.0"
Lift Capacity to Full Height @ Pivot Pins		1650		1650		1650
Breakout Force @ Pivot Pins		2350		2650		2650
Rated Flow (Tractor System)	7.8 gpm		7.7 gpm		7.7 gpm	
Attachment Width		60"		60"		60"
Attachment Rated Capacity		8.6 cu. ft		7.9 cu. ft		7.9 cu. ft
Cycle Times @ rpm		2600		2600		2600
Raise Boom (seconds)		3.9		3.9		3.9
Lower Boom (seconds)		2.4		2.4		2.4
Dump Attachment (seconds)		2.6		2.6		2.6
Retract Attachment (seconds)		2.6		2.6		2.6
BACKHOE MODEL		3720		MB65		MB65
TRANSPORT						
Transport Height		119"		66"		66"
Transport Overhang		44.7"		38"		38"
OPERATIONAL						
Maximum Digging Depth		94"		78"		78"
Digging Depth (2 Ft.) Flat Bottom		92"		76.5"		76.5"
Overall Operating Height - Fully Raised		112"		112"		112"
Loading Height (bucket @ 60°)		63"		62"		62"
Loading Reach (bucket @ 60°)		51"		34"		34"
Reach From Swing Post		127"		106"		106"
Bucket Rotation		175°		180°		180°
Swing Arc		180°		150°		150°
Stabilizer Spread Operating Position		101"		74"		74"
Stabilizer Down Below Grade		11"		6"		6"
System Relief Valve Setting (psi)		2050		2000		2000
Digging Force - Bucket (lbs.)		2900		2535		2535
Digging Force - Dipper (lbs.)		1800		1337		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 Shuttle	3016 4WD HST	3616 4WD Shuttle	3616 4WD HST	3616 4WD Shuttle Cab	3616 4WD HST Cab
ENGINE	Shuttle		HST		Shuttle 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

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16 Series

SUPERIOR PERFORMANCE DAY IN AND DAY OUT

3616 Cab



3016 HST



3616 Shuttle



#1 Selling Tractor in the World

Mahindra
Rise.

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



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
- 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

Ideal For:

- Specialty / Hobby Farming
- Rural Lifestyle
- Equine
- Home
- Grounds Maintenance / Municipal



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



3-point hitch

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



Platform

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



Dash Panel

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



Cab

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



DEMING PRIZE 2005



JAPAN QUALITY MEDAL 2007

