

MAHINDRA  
**3616**  
GEAR/HST CAB

**POWER & PERFORMANCE**

**36.2 ENGINE HP • 31.0 PTO HP GEAR**

**29.0 PTO HP HST**

**PREMIUM COMPACT TRACTOR**

A high performance tractor for light construction, vegetable gardening, landscaping and grounds maintenance.

- World's #1 selling tractor brand
- 5-year powertrain warranty
- Attractive Financing Options
- Heavy-duty cast-iron chassis

- Professional grade components
- Japan Quality Medal Winner
- Deming Award Winner
- Industry-leading parts support



**Mahindra**

## TRACTOR 3616 GEAR/HST CAB

ENGINE	GEAR	HST
Type	Four stroke, indirect injection water-cooled, diesel	
Cylinders	3	
Engine HP (kW) @ rpm	36.2 (27.0) @ 2600	
Compression Ratio	22.5:1	
Displacement cubic inch (cc)	101.4 (1662)	
Fuel Tank Capacity	7.1 gallons	
ELECTRICAL		
Battery Capacity	12 volt, 46 amp hours	
Alternator	12 volt, 55 amps	
CLUTCH		
Type	Single plate, dry	
TRANSMISSION		
Type	Constant mesh on gear shift and synchromesh on F/R shuttle	3 ranges
Number of Gears / Speeds	8 F/8 R	Infinite
FRONT WHEEL DRIVE		
Type	Mechanical	
STEERING		
Type	Hydrostatic power	
Pump Output (gallons per minute)	3.4	
BRAKES		
Type	Wet Disc	
HYDRAULIC SYSTEM		
Type	Open center, full-live hydraulic with position control	
Pump Output (gallons per minute)	7.7	
3-Point Linkage	Category 1, with check chains	
Lift Capacity (lbs.)	2646	
Rear Auxiliary Remote Valves	1 spool optional	
PTO		
Type	Independent	Live
PTO RPM (engine rpm)	540 @ 2376	
Mid PTO RPM (engine rpm)*	2000 @ 2525* (optional)	
PTO HP (kW)	31.0 (23.1)	29.0 (21.6)
OPERATING WEIGHT		
Total (lbs.)	3020	3027
DIMENSIONS With Industrial Tires		
Overall Length inches (mm)	121.3 (3080)	
Overall Width inches (mm)	59.8 (1520)	
Turning Radius Minimum feet (meters)	8.2 (2.5)	
TIRES Sizes & Options		
Industrial (Front / Rear)	28x8.5-15 / 43x16-20	

## LOADER ML116

WITH TRACTOR MODEL 3616 GEAR/HST CAB	
Maximum Lift Height	99.0"
Clearance with Attachment Dumped	80.2"
Reach at Maximum Height	22.0"
Maximum Dump Angle	42°
Attachment Rollback Angle	19°
Digging Depth Below Grade	6.0"
Lift Capacity to Full Height @ Pivot Pins (lbs.)	1650
Breakout Force @ Pivot Pins (lbs.)	2650
Rated Flow (Tractor System)	7.7 gpm
Attachment Width used for specification	60"
Attachment rated capacity used for specification	7.9 cu. ft.
Raise Boom (seconds)	3.9
Lower Boom (seconds)	2.4
Dump Attachment (seconds)	2.6
Retract Attachment (seconds)	2.6
Loader Shipping Weight (lbs.)	780
OPTIONAL ATTACHMENTS	
Grille Guard (with or without loader)	✓
SKID STEER ATTACHMENTS	
Pallet Fork	✓
Bale Spear	✓

## CAB FEATURES

WITH TRACTOR MODEL 3616 GEAR/HST CAB	
HVAC (Heating, Venting and A/C)	✓
Wide Opening Doors	✓
Semi-flat Platform	✓
Work Lights	✓
Entry/Exit Handles	✓
Large Glass Surface Area (clear 360 degree view)	✓
Side Mirrors	✓
Console Mounted Controls	✓
Cup Holder	✓
Excellent Headroom and Visibility	✓

