

MAHINDRA
3316
GEAR/HST

RUGGED & POWERFUL

33 ENGINE HP • 27 PTO HP GEAR

25 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 3316 GEAR/HST

ENGINE	GEAR	HST
Type	Four stroke, indirect injection water-cooled, turbocharged diesel	
Cylinders	3	
Engine HP (kW) @ rpm	33 (24.6) @ 2500	
Compression Ratio	22.5:1	
Displacement cubic inch (cc)	91.3 (1496)	
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)	7.4	
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)	27.0 (20.1)	25.0 (18.6)
OPERATING WEIGHT		
Total (lbs.)	2544	2566
DIMENSIONS With Industrial Tires		
Overall Length Inches (mm)	121.3 (3080)	
Overall Width Inches (mm)	59.8 (1520)	
Turning Radius Minimum feet (meters)	7.9 (2.4)	
TIRES Sizes & Options		
Industrial (Front / Rear)	27x8.5-15 / 15x19.5	
OPTIONS		
Mid-mount Mower	72"	
Snow Blowers	✓	
Soft Cab with Canopy	✓	

LOADER ML111

WITH TRACTOR MODEL 3316 GEAR/HST	
Maximum Lift Height	94.0"
Clearance with Attachment Dumped	76.0"
Reach at Maximum Height	24.5"
Maximum Dump Angle	38°
Attachment Rollback Angle	20°
Digging Depth Below Grade	4.8"
Lift Capacity to Full Height @ Pivot Pins	1410 lbs.
Breakout Force @ Pivot Pins	2650 lbs.
Rated Flow (Tractor System)	7.4 gpm
Attachment Width used for specification	60"
Attachment rated capacity used for specification	9.0 cu. ft.
Cycle Times @ rpm	2700 rpm
Raise Boom (seconds)	4.9
Lower Boom (seconds)	4.1
Dump Attachment (seconds)	3.8
Retract Attachment (seconds)	3.0
Loader Shipping Weight	940 lbs.
OPTIONAL ATTACHMENTS	
Grille Guard (with or without loader)	✓
SKID STEER ATTACHMENTS	
Pallet Fork	✓
Bale Spear	✓

BACKHOES

WITH TRACTOR MODEL 3316 GEAR/HST	
Backhoe Models	3710B
TRANSPORT	
Transport Height (boom fully retracted)	119"
Transport Width (stabilizers up)	n/a
Boom Pivot Height	63"
Operating Weight with 12" Bucket (lbs.)	1230 lbs.
Overall Length	44.7"
OPERATIONAL	
Maximum Digging Depth	94"
Digging Depth (2Ft.) Flat Bottom	92"
Loading Height	63"
Loading Reach	51"
Reach from Swing Post	127"
Bucket Rotation	175°
Swing Arc	180°
Stabilizer Spread, fully extended	101"
Stabilizer Down Below Grade	n/a
System Relief Valve Setting	2050 psi
Digging Force - Bucket (lbs.)	2900
Digging Force - Dipper (lbs.)	1100



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