

MAHINDRA
3616
SHUTTLE/HST

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.

- # 1 selling tractor in the world
- 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 SHUTTLE/HST

ENGINE	SHUTTLE	HST
Type	Four stroke, indirect injection water-cooled, diesel	
Cylinders	3	
Engine HP (kW) @ rpm	36.2 (27.3) @ 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 telescopic stabilizers	
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.)	2560	2566
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		
Ag (Front / Rear)	7x16.6 PR / 11.24x24 PR	
Industrial (Front / Rear)	28x8.5-15 / 43x16-20	

LOADER ML115 SKC

WITH TRACTOR MODEL 3616 SHUTTLE/HST	
Maximum Lift Height	99.0"
Clearance with Attachment Dumped	79.8"
Reach at Maximum Height	22.5"
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	8.6 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	✓

BACKHOES

WITH TRACTOR MODEL 3616 SHUTTLE/HST	
Backhoe Models	3715
TRANSPORT	
Transport Height (boom fully retracted)	119"
Boom Pivot Height	63"
Operating Weight with 12" Bucket (lbs.)	1230
Overall Length	44.7"
OPERATIONAL	
Maximum Digging Depth	94"
Digging Depth (2 Ft.) 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"
System Relief Valve Setting (psi)	2050
Digging Force - Bucket (lbs.)	2900
Digging Force - Dipper (lbs.)	1100

