



# 3500 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 - 3500 Series

The Mahindra 3500 series premium tractors are super-powered 4WD compact workhorses designed for medium- to heavy-duty applications. With professional-grade models from 35 to 50 HP and with a wide range of choices – heavy-duty loaders, heavy-duty backhoes, Ag/Industrial/Turf tires, PST and HST transmissions and a wide range of available implements – there is a model to meet your needs.

### Key Features:

- 4 cylinder, heavy-duty engine
- PST and HST Transmissions
- Choice of Industrial, Ag or Turf tires
- Best-in-class loader and 3-point lift capacities
- STANDARD 5-year powertrain warranty - Industry's Best

### Ideal For:

- Agriculture
- Dairy
- Rural Lifestyle
- Speciality / Hobby Farming

- Heavier operating weight for built in safety
- Larger tires for better traction and stability
- Hydrostatic power steering
- STANDARD remote valve

- Grounds Maintenance / Municipal
- Home
- Livestock
- Material Handling



## ADVANTAGES OF THE MAHINDRA COMMON RAIL DIESEL ENGINE

### mCRD™ – The Simple Green Solution

- Less Complexity
  - mCRD™ does not have a Diesel Particulate Filter (DPF), reducing complexity, heat and filter replacement
- No Operator Involvement
  - You don't need to remember to turn off your DPF. You can park your mCRD™ equipped tractor in your barn or use it in your hay field without worry because we don't have the high heat DPF.
- Cleaner Exhaust Emissions at Lower Cost
  - Diesel Oxidation Catalyst (DOC) after treatment system in mCRD™ does not require any high heat regeneration and meets emissions standards at lower cost, less complexity and no involvement from the operator.
- Heavy Duty Wet Sleeve Engine
  - mCRD™ are modern wet sleeve, heavy duty and direct injection engines, built for your tough jobs.



Engine – left side view

- Ease of access: for radiator, battery check, filter replacement, oil check – the hood opens vertically & side panels come off quickly. No tools required.
- Tier IV compliant





# 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





## 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 rotary cutter gearbox limited warranty
- SNOW BLOWERS and SNOW REMOVAL equipment to meet cold-weather needs
- BEST VALUE in the market today



# TRACTOR ATTACHMENTS

TRACTOR	3540 PST	3540 HST	3550 PST	3550 HST	3540 PST Cab	3540 HST Cab	3550 PST Cab	3550 HST Cab
<b>LOADER</b>		3550L				3550CL		
Maximum Lift Height		111.5"				111.5"		
Clearance with Attachment Dumped		92"				92"		
Reach at Maximum Height		24.75"				24.75"		
Maximum Dump Angle		40°				40°		
Attachment Rollback Angle		20°				20°		
Digging Depth Below Grade		4.5"				4.5"		
Lift Capacity to Full Height @ Pivot Pins		2700				2700		
Breakout Force @ Pivot Pins		5100				5100		
Rated Flow (Tractor System)		11 gpm				11 gpm		
Attachment Width		75"				75"		
Attachment Rated Capacity		17 cu. ft.				17 cu. ft.		
Cycle Times @ rpm		3080				3080		
Raise Boom [seconds]		5.7				5.7		
Lower Boom [seconds]		4.3				4.3		
Dump Attachment [seconds]		4.9				4.9		
Retract Attachment [seconds]		3.5				3.5		
Transport Weight [lbs.]		1450				1450		
<b>BACKHOE MODEL</b>		50B				50CB		
<b>TRANSPORT</b>								
Transport Height		94"				94"		
Transport Overhang		51"				51"		
Transport Weight [lbs.]		1843				1843		
<b>OPERATIONAL</b>								
Maximum Digging Depth		115"				115"		
Digging Depth [2 Ft.] Flat Bottom		114"				114"		
Overall Operating Height - Fully Raised		146"				146"		
Loading Height [bucket @ 60°]		83"				83"		
Loading Reach [bucket @ 60°]		53"				53"		
Reach From Swing Post		154"				154"		
Bucket Rotation		180°				180°		
Swing Arc		180°				180°		
Stabilizer Spread Operating Position		127"				127"		
Stabilizer Down Below Grade		10"				10"		
System Relief Valve Setting		2750				2750		
Digging Force - Bucket [lbs.]		5710				5710		
Digging Force - Dipper [lbs.]		3188				3188		



# TRACTOR SPECIFICATIONS

TRACTOR	3540 PST	3540 HST	3550 PST	3550 HST	3540 PST Cab	3540 HST Cab	3550 PST Cab	3550 HST Cab
<b>ENGINE</b>								
Type	Naturally aspirated direct injection diesel				Naturally aspirated direct injection diesel			
Cylinders	4				4			
Engine HP (kW) @ rpm	40 (29.8) @ 2800		49 (36.5) @ 2800 [T4]		40 (29.8) @ 2800		49 (36.5) @ 2800 [T4]	
Compression Ratio	19.5:1				19.5:1			
Displacement cubic inch <sup>3</sup> (cc)	166.64 (2730)				166.64 (2730)			
Fuel Tank Capacity	11.3 gallons				14.5 gal.			
<b>ELECTRICAL</b>								
Battery Capacity	12 volt, 96 amps				12 volt, 96 amps			
Alternator	12 volt, 45 amps				12 volt, 120 amps			
<b>CLUTCH</b>								
Type	Wet multidisk	N/A	Wet multidisk	N/A	Wet multidisk	N/A	Wet multidisk	N/A
<b>TRANSMISSION</b>								
Type	Power shuttle with full synchro mesh	HST - 3 range	Power shuttle with full synchro mesh	HST - 3 range	Power shuttle with full synchro mesh	HST - 3 range	Power shuttle with full synchro mesh	HST - 3 range
Number of Gears / Speeds	12F / 12R	Infinite	12F / 12R	Infinite	12F / 12R	Infinite	12F / 12R	Infinite
<b>STEERING</b>								
Type	Hydrostatic power with tiltable steering				Hydrostatic power with tiltable steering			
Pump Output (gallons per minute)	5				5			
<b>BRAKES</b>								
Type	Wet disc				Wet disc			
<b>HYDRAULIC SYSTEM</b>								
Type	Open center, full-Hive hydraulic with position and draft controls				Open center, full-Hive hydraulic with position and draft controls			
Pump Output (gallons per minute)	11				11			
3-Point Linkage	Category 1 with telescopic lower links				Category 1 with telescopic lower links			
Lift Capacity (lbs.)	3090				3090			
Rear Auxiliary Remote Valves	One Standard				One Standard			
<b>PTO</b>								
Type	Independent				Independent			
PTO RPM (engine rpm)	540 @ 2404				540 @ 2404			
PTO HP (kW)	31 (23.1)	30.5 (22.7)	40 (29.8)	39.5 (29.4)	30 (22.4)	29.5 (22)	40 (29.8)	39.5 (29.4)
<b>OPERATING WEIGHT</b>								
Total (lbs.)	4367	4817	4939	5389	5167	5617	5739	6189
<b>DIMENSIONS with Ag Tires</b>								
Overall Length Inches (mm)	128.9 (3274)				540 @ 2404			
Overall Width Inches (mm)	73.7 (1871)		75.4 (1915)		73.7 (1871)		75.4 (1915)	
Turning Radius Minimum Feet (meters)	10.3 (3.2)		10.3 (3.2)		10.3 (3.2)		10.3 (3.2)	
Overall Height inches (mm)	98.7 (2492)		98.1 (2492)		89.76 (2280)			
<b>TIRES Sizes and Options</b>								
Ag (Front / Rear)	9.5-16 / 14.9-24		9.5-20 / 16.9-24		9.5-16 / 14.9-24		9.5-20 / 16.9-24	
Industrial (Front / Rear)	12x16.5 / 16.9x24		14x17.5 / 19.5Lx24		12x16.5 / 16.9x24		14x17.5 / 19.5Lx24	
Turf (Front / Rear)	29x12.50-15 / 44x18-20		31x13.50-15 / 21.5L-16.1		29x12.50-15 / 44x18-20		31x13.50-15 / 21.5L-16.1	

Specifications and design subject to change without notice.

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