



# 3500 SERIES

- #1 Selling Tractor in the World
- 97% Customer Satisfaction Rating
- 7-year Limited Powertrain Warranty
- 98% Customer Loyalty Rating



DEMING PRIZE  
2003



JAPAN QUALITY MEDAL  
2007

**Mahindra**  
Tractors

## 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 40 to 49 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
- 7-year limited 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

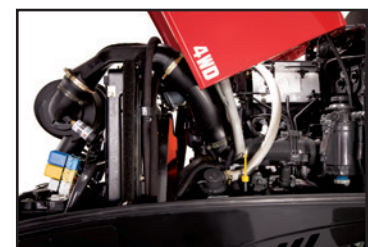
\*See Mahindra warranty and your dealer for details



## 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



## EXCEPTIONAL PERFORMANCE. GREAT VALUE.

**Engine** – Four-stroke, naturally aspirated, common rail, direct-injection, water-cooled diesel (no DPF)

**Transmission** – Power shuttle with full synchro mesh; 12 forward and reverse speeds or 3-range HST

**Hydraulics** – Open center, full-lift with position and draft control

**Operating Weight** – From 4,367-5,447 lbs. (varies by model)

**Horsepower:** 40 & 49

**Tires** – Ag, industrial or turf

**Warranty** – 7-year limited powertrain (See Mahindra warranty and your dealer for details)



## AVAILABLE IMPLEMENTS

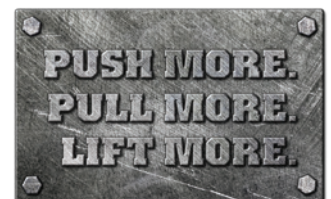
Mahindra offers a huge selection of implements to help you accomplish whatever task you wish to tackle and provide a complete Mahindra experience.

- 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		75B		50CB		75B	
<b>TRANSPORT</b>	81"		93"		81"		93"	
<b>OPERATIONAL</b>	101"		116"		101"		116"	
Maximum Digging Depth	101"		116"		101"		116"	
Digging Depth [2 Ft.] Flat Bottom	100"		115"		100"		115"	
Overall Operating Height - Fully Raised	121"		154"		121"		154"	
Loading Height [bucket @ 60°]	63"		82"		63"		82"	
Loading Reach [bucket @ 60°]	58"		50"		58"		50"	
Reach From Swing Post	127"		153"		127"		153"	
Bucket Rotation	180°		180°		180°		180°	
Swing Arc	180°		180°		180°		180°	
Stabilizer Spread Operating Position	90°		95°		90°		95°	
Stabilizer Down Below Grade	10"		16"		10"		16"	
System Relief Valve Setting	2750		2500		2750		2500	
Digging Force - Bucket [lbs.]	3895		5676		3895		5676	
Digging Force - Dipper [lbs.]	2358		2754		2358		2754	
Transport Weight [lbs.]	1410		1880		1410		1880	



# 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	Four-stroke, naturally aspirated, common rail, direct injection, water-cooled diesel				Four-stroke, naturally aspirated, common rail, direct injection, water-cooled 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	18.7:1				18.7:1			
Displacement cubic inch <sup>3</sup> [cc]	166.7 [2732]				166.7 [2732]			
Fuel Tank Capacity	11.3 gallons				14.5 gal.			
<b>ELECTRICAL</b>								
Battery Capacity	12 volt, 96 AH				12 volt, 96 AH			
Alternator	12 volt, 45 amps				12 volt, 120 amps			
<b>CLUTCH</b>								
Type	Wet multidisc	N/A	Wet multidisc	N/A	Wet multidisc	N/A	Wet multidisc	N/A
<b>TRANSMISSION</b>								
Type	Power shuttle with full synchromesh	HST - 3 range	Power shuttle with full synchromesh	HST - 3 range	Power shuttle with full synchromesh	HST - 3 range	Power shuttle with full synchromesh	HST - 3 range
Number of Gears / Speeds	12F / 12R	Infinite	12F / 12R	Infinite	12F / 12R	Infinite	12F / 12R	Infinite
<b>STEERING</b>								
Type	Hydrostatic, tiltable				Hydrostatic, tiltable			
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 1/2 with telescopic stabilizers & flex links				Category 1/2 with telescopic stabilizers & flex links			
Lift Capacity (lbs.)	3090				3090			
Rear Auxiliary Remote Valves	One standard, two optional				One standard, two optional			
<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]	31 [23.1]	30.5 [22.7]	40 [29.8]	39.5 [29.4]
<b>OPERATING WEIGHT</b>								
Total (lbs.)	4367		4620		5247		5447	
<b>DIMENSIONS with Ag Tires</b>								
Overall Length Inches (mm)	128.9 (3274)				128.9 (3274)			
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)			
Overall Height inches (mm)	98.7 (2492)		99.2 (2520)		100 (2540)		100.8 (2560)	
<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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