



# 4500 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

## ECONOMY - 4500 Series

The Mahindra 4500 series tractors are rugged and hard-working 2WD and 4WD utility tractors designed for light- to medium-duty applications. These practical, no-nonsense models are available from 41 to 62 HP and with a wide range of available implements that provides you with everything you need to get your work done.

### Key Features:

- Fuel efficient, low RPM 3 & 4 cylinder engines
- Larger tires for better traction and stability
- Heavy operating weight for built in safety
- Best-in-class loader and 3-point lift capacities

### Ideal For:

- Speciality / Hobby Farming
- Material Handling

- Heavy-gauge steel fenders and hood
- Hydrostatic power steering
- Live 540 rpm PTO
- STANDARD rear work light
- STANDARD rubber floor mat
- STANDARD 7-year limited powertrain warranty\* - Industry's Best

- Grounds Maintenance / Municipal
- Rural Lifestyle

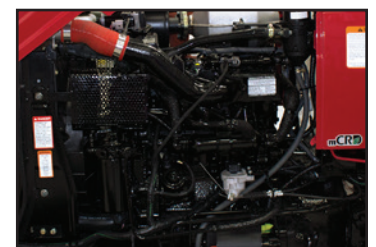
\*See Mahindra warranty and your dealer for details



## 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

- Tackle the toughest jobs with the 4500 Series rugged diesel engine
- One piece hood - easy access for maintenance
- Tier IV compliant



## EXCEPTIONAL PERFORMANCE. GREAT VALUE.

**Engine** – Four-stroke, direct-injection, water-cooled diesel (no DPF) or four-stroke, direct-injection, turbo-charged and intercooled diesel

**Transmission** – Sliding mesh with 8 forward and 2 reverse gears or full constant mesh

**Hydraulics** – Open center, full- live

**Operating Weight** – 4,191 to 5,292 lbs. (varies by model) – sturdy, well-built, steel chassis

**Horsepower** – 41, 48 & 62

**Tires** – Ag or industrial (4WD only)

**Loader** – Lifts up to 3,527 lbs. at 122” high with the 4565-2L front loader

**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.

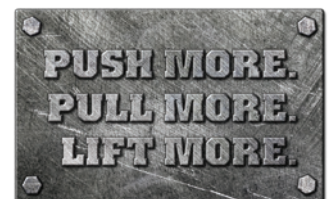
- Wide array of implements (186 variations)
- Competitive financing terms
- Standard-, Medium-, and Heavy-Duty implements to meet your needs
- Implements feature rugged construction with heavy-duty components
- 5-year rotary cutter gearbox limited warranty
- SNOW BLOWERS and SNOW REMOVAL equipment to meet cold-weather needs
- BEST VALUE in the market today



# TRACTOR ATTACHMENTS

TRACTOR	4540 2WD	4540 4WD	4550 2WD	4550 4WD	4565 2WD
<b>LOADER</b>	4550-2L	4550-4L	4550-2L	4550-4L	4565-2L
Maximum Lift Height	116.6				122"
Clearance with Attachment Dumped	90.6"	88.4"	90.6"	88.4"	98.5"
Reach at Maximum Height	21.3"	27.7"	21.3"	27.7"	28.5"
Maximum Dump Angle	34°	36°	34°	36°	39°
Attachment Rollback Angle	41°	39°	41°	39°	24°
Digging Depth Below Grade	3.8	3.7"	3.8	3.7"	6.5
Lift Capacity to Full Height @ Pivot Pins	2866				3250
Breakout Force @ Pivot Pins	4978				5300
Rated Flow (Tractor System)	8.29 gpm				10.5 gpm
Attachment Width	60"	72"	60"	72"	72"
Attachment Rated Capacity	12.36 cu. ft.	13.42 cu. ft.	12.36 cu. ft.	13.42 cu. ft.	16.3 cu. ft.
Cycle Times @ rpm	2500				2300
Raise Boom [seconds]	6.2				7.0
Lower Boom [seconds]	4				5.5
Dump Attachment [seconds]	2.7				4.0
Retract Attachment [seconds]	2.7				3.0
Transport Weight [lbs.]	1406	1554	1406	1554	1350
<b>BACKHOE MODEL</b>	N/A	4550B	N/A	4550B	N/A
<b>TRANSPORT</b>					
Transport Height	N/A	89"	N/A	89"	N/A
Transport Overhang	N/A	51"	N/A	51"	N/A
<b>OPERATIONAL</b>					
Maximum Digging Depth	N/A	101"	N/A	101"	N/A
Digging Depth [2 Ft.] Flat Bottom	N/A	100.6"	N/A	100.6"	N/A
Overall Operating Height - Fully Raised	N/A	120.8"	N/A	120.8"	N/A
Loading Height [bucket @ 60°]	N/A	89"	N/A	89"	N/A
Loading Reach [bucket @ 60°]	N/A	62.9	N/A	62.9	N/A
Reach From Swing Post	N/A	135"	N/A	135"	N/A
Bucket Rotation	N/A	155°	N/A	155°	N/A
Swing Arc	N/A	180°	N/A	180°	N/A
Stabilizer Spread Operating Position	N/A	89"	N/A	89"	N/A
Stabilizer Down Below Grade	N/A	3.6"	N/A	3.6"	N/A
System Relief Valve Setting	N/A	2350	N/A	2350	N/A
Digging Force - Bucket [lbs.]	N/A	3670	N/A	3670	N/A
Digging Force - Dipper [lbs.]	N/A	2310	N/A	2310	N/A
Transport Weight [lbs.]	N/A	1389	N/A	1389	N/A

**Optional Attachments**  
including, but not limited to -  
Bucket  
Bale spear  
Pallet fork



TRACTOR	4540 2WD	4540 4WD	4550 2WD	4550 4WD	4565 2WD
<b>ENGINE</b>					
Type	Four-stroke, direct-injection water-cooled, diesel				Four-stroke, direct-injection, turbo-charged and intercooled, diesel
Cylinders	4				3
Engine HP (kW) @ rpm	41 (30.5) @ 2300 (T4)		48 (35.8) @ 2300 (T4)		62 (46.2) @ 2100 (T4)
Compression Ratio	18.7:1				17.2:1
Displacement cubic inch <sup>3</sup> (cc)	166.7 (2732)				161.5 (2646)
Fuel Tank Capacity	14.55 gallons				14.8 gallons
<b>ELECTRICAL</b>					
Battery Capacity	12 volt, 96 amp hours				
Alternator	12 volt, 45 A				12 volt, 55 amps
<b>CLUTCH</b>					
Type	Dual				Dual dry with ceremetallic lining
<b>TRANSMISSION</b>					
Type	Sliding mesh	Full constant mesh			
Number of Gears / Speeds	8F / 2R				
<b>STEERING</b>					
Type	Hydrostatic Power				
Pump Output (gallons per minute)	5.8		5		4.8
<b>BRAKES</b>					
Type	Fully enclosed dry disc				
<b>HYDRAULIC SYSTEM</b>					
Type	Open center, full-live hydraulic with position and draft controls				
Pump Output (gallons per minute)	8.7				10.5
3-Point Linkage	Category 1 and 2 adjustable, with telescopic stabilizers				
Lift Capacity (lbs.)	3525		3527		
Rear Auxiliary Remote Valves	1 optional		1 spool standard		1 spool standard, 2 spool optional
<b>PTO</b>					
Type	Live				
PTO RPM (engine rpm)	540 @ 2058				540 @ 2059
PTO HP (kW)	31 (23.1)		38 (28.3)		52 (38.8)
<b>OPERATING WEIGHT</b>					
Total (lbs.)	4191	5192	4267	5192	4884
<b>DIMENSIONS with Ag Tires</b>					
Overall Length Inches (mm)	115.3 (2930)	128.9 (3275)	119.4 (3034)	127 (3227)	119.0 (3022)
Overall Width Inches (mm)	69.4 (1763)	82.6 (2098)	69.4 (1763)	82.6 (2098)	78.0 (1981)
Overall Height Inches (mm)	88 (2235)	92.6 (2352)	89 (2261)	93.7 (2380)	95 (2413)
Turning Radius Minimum Feet (meters)	9.7 (3)	10.5 (3.2)	9.7 (2.97)	10.5 (3.2)	9.6 (2.9)
<b>TIRES Sizes and Options</b>					
Ag (Front / Rear)	6x16 / 12.4x28	9.5x16 / 12.4x28	6x16 / 12.4x28	9.5x16 / 12.4x28	7.5x16 / 14.9x28
Industrial (Front / Rear)	N/A	12x16.5 / 16.9x24	N/A	12.6x16.5 / 16.9x24	N/A

Specifications and design subject to change without notice.