



# 1500 SERIES

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



DEMING PRIZE  
2003



JAPAN QUALITY MEDAL  
2007

**Mahindra**  
Tractors

## PREMIUM - 1500 Series

High-performance premium 4WD, Tier IV mCRD-powered (1533 & 1538 only), compact tractors designed for light to medium applications. 26 to 38 HP with options like heavy-duty loaders and backhoes; shuttle or hydrostatic transmissions; soft or integrated cabs; ag, industrial, or turf tires; drive-over mid-mount mowers; and many available implements.

### Key Features:

- 3 or 4 cylinder low RPM engine
- 8F/8R transmission with SynchroShuttle or 3 range HST
- Choice of Industrial, Ag or Turf tires
- 540 RPM PTO
- STANDARD Drawbar

### Ideal For:

- Specialty / Hobby Farming
- Rural Lifestyle
- Equine

- High operating weight = better traction, stability and safety
- Hydrostatic power steering
- Best-in-class loader and 3-point lift capacities
- Open station and cab [1538]
- STANDARD 7-year limited powertrain warranty\* - Industry's Best

- Home
- Grounds Maintenance / Municipal

\*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.

\*mCRD™ Technology on 1533 and 1538 models.



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** – Tier IV, four-cycle, valve in cylinder head, naturally aspirated, indirect-injection, water-cooled diesel (no DPF) (1526 only) or naturally aspirated direct-injection diesel (1533 & 1538 only)

**Transmission** – Constant mesh on gear shift, synchro mesh on F/R shuttle

**Hydraulics** – Open center with position control

**Operating Weight** – 2,437 to 3,627 lbs. (varies by model) – sturdy, well-built steel chassis

**Horsepower** – 25.6, 34.5, 38.7

**Tires** – Ag, industrial or turf

**Loader** – Lift up to 1,650 lbs. at 99” high with the 1538-L 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



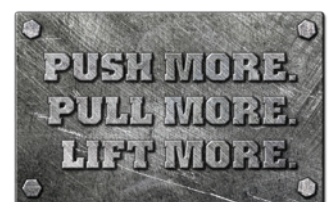
# TRACTOR ATTACHMENTS

TRACTOR	1526 Shuttle	1526 HST	1533 Shuttle	1533 HST	1538 Shuttle	1538 HST	1538 HST Cab
<b>LOADER</b>	1526L		1538L		1538L		1538L
Maximum Lift Height	84"		99.0"		99.0"		99.0"
Clearance with Attachment Dumped	78"		79.8"		79.8"		79.8"
Reach at Maximum Height	19"		20.5"		20.5"		20.5"
Maximum Dump Angle	43°		42°		42°		42°
Attachment Rollback Angle	20°		19°		19°		19°
Digging Depth Below Grade	4.5"		6.0"		6.0"		6.0"
Lift Capacity to Full Height @ Pivot Pins	1560		1650		1650		1650
Breakout Force @ Pivot Pins	2795		2650		2650		2650
Rated Flow (Tractor System)	7.5 gpm		11 gpm		11 gpm		11 gpm
Attachment Width	58.5"		60"		60"		60"
Attachment Rated Capacity	7.8 ft³		8.6 ft³		8.6 ft³		8.6 ft³
Cycle Times @ rpm	2500		2600		2600		2600
Raise Boom (seconds)	3.6		4.4		4.4		4.4
Lower Boom (seconds)	2.6		3.7		3.7		3.7
Dump Attachment (seconds)	2.8		3.6		3.6		3.6
Retract Attachment (seconds)	2.4		3.2		3.2		3.2
Loader Transport Weight	774		780		780		780
<b>BACKHOE MODEL</b>	1526B		1538B		1538B		26B
<b>TRANSPORT</b>	73"		119"		119"		71"
Transport Overhang	45"		44.7"		44.7"		39"
<b>OPERATIONAL</b>	86"		94"		94"		80"
Maximum Digging Depth	84"		92"		92"		78.5"
Digging Depth (2 Ft.) Flat Bottom	108"		120"		120"		104.8"
Overall Operating Height - Fully Raised	68"		63"		63"		65"
Loading Height (bucket @ 60°)	47"		51"		51"		40"
Loading Reach (bucket @ 60°)	114"		127"		127"		102"
Reach From Swing Post	185°		175°		175°		180°
Bucket Rotation	145°		180°		180°		150°
Swing Arc	86"		101"		101"		74"
Stabilizer Spread Operating Position	11"		11"		11"		6"
Stabilizer Down Below Grade	2100		2050		2050		2000
System Relief Valve Setting (psi)	2440		2900		2900		2270
Digging Force - Bucket (lbs.)	1510		1800		1800		1248
Digging Force - Dipper (lbs.)	840		1271		1271		710
Backhoe Transport Weight							

## Cab Features

including, but not limited to -

- HVAC
- Wide opening doors
- Work Lights
- Large glass surface area (clear 360° view)
- Excellent headroom and visibility



# TRACTOR SPECIFICATIONS



TRACTOR	1526 Shuttle	1526 HST	1533 Shuttle	1533 HST	1538 Shuttle	1538 HST	1538 HST Cab
<b>ENGINE</b>							
Type	Tier IV, four cycle, valve in cylinder head, naturally aspirated, water-cooled diesel		Naturally aspirated direct injection diesel			Naturally aspirated direct injection diesel	
Cylinders	3		4			4	
Engine HP (kW) @ rpm	25.6 (19) @ 2500		34.5 (25.7) @ 2400		38.7 (28.8) @ 2400		38.7 (28.8) @ 2400
Compression Ratio	22:01		19.5:1			19.5:1	
Displacement cubic inch <sup>3</sup> (cc)	80.4 (1318)		166.7 (2732)			166.7 (2732)	
Fuel Tank Capacity	7.1 [27]		7.7 gallons			7.7 gallons	
<b>ELECTRICAL</b>							
Battery Capacity	12V 46Ah, 540 CCA		12V 96Ah			12V 96Ah	
Alternator	12V 50 A		12V 90A			12V 90A	
<b>CLUTCH</b>							
Type	Single plate, dry						Single plate, dry
<b>TRANSMISSION</b>							
Type	Constant mesh on gear shift, synchro mesh on F/R shuttle	3 ranges	Constant mesh on gear shift, synchro mesh on F/R shuttle	3 ranges	Constant mesh on gear shift, synchro mesh on F/R shuttle	3 ranges	3 ranges
Number of Gears / Speeds	8F / 8R	Infinite	8F / 8R	Infinite	8F / 8R	Infinite	Infinite
<b>STEERING</b>							
Type	Hydrostatic Power						Hydrostatic Power
Pump Output (gallons per minute)	3.3 [12.2]		3.4 [12.8]			3.4 [12.8]	
<b>BRAKES</b>							
Type	Wet disc						Wet disc
<b>HYDRAULIC SYSTEM</b>							
Type	Open center with position control						Open center, full-live hydraulic with position control
Pump Output (gallons per minute)	7.5		7.7			7.7	
3-Point Linkage	Category 1, with telescopic stabilizers						Category 1, with telescopic stabilizers
Lift Capacity (lbs.)	2646						2646
Rear Auxiliary Remote Valves	1 spool optional						1 spool optional
<b>PTO</b>							
Type	Independent	Live	Independent	Live	Independent	Live	Live
PTO RPM (engine rpm)	540 @ 2376						540 @ 2376
Mid PTO RPM (engine rpm)*	2000 @ 2525*						2000 @ 2525*
PTO HP (kW)	19 [14.2]	18.5 [13.8]	25.2 [18.8]	24.7 [18.4]	29.9 [22.3]	27.7 [20.6]	27.7 [20.6]
<b>OPERATING WEIGHT</b>							
Total (lbs.)	2437	2459	3175	3164	3186	3175	3627
<b>DIMENSIONS with Industrial Tires</b>							
Overall Length Inches (mm)	121.3 (3080)		127.8 (3245)			127.8 (3245)	
Overall Width Inches (mm)	63 (1600)			62 (1575)		62 (1575)	
Overall Height Inches (mm)	81.5 (2069)		90.2 (2290)		91.5 (2325)		89.4 (2270)
Turning Radius Minimum Feet (meters)	7.9 (2.4)		9.2 (2.8)			9.2 (2.8)	
<b>TIRES Sizes and Options</b>							
Ag (Front / Rear)	7x16 / 11.2x24						7x16 / 11.2x24
Industrial (Front / Rear)	27x8.5-15 / 15x19.5			28x8.5-15 / 43x16-20		28x8.5-15 / 43x16-20	
Turf (Front / Rear)	25 x 8.5 - 14 / 13.6 x 16			27 x 10.5 - 15 / 41 x 14 - 20		27 x 10.5 - 15 / 41 x 14 - 20	

\* optional

Specifications and design subject to change without notice.

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