



# 2500 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

## ECONOMY - 2500 Series

Economical and easy to operate 4WD, Tier IV mCRD-powered, tractors designed for general purpose farming and agriculture, livestock operations and grounds maintenance. 37 to 55 HP 3- and 4- cylinder engines provide reliable performance and fuel efficiency. The 2500 series comes with a list of premium features without the premium price. Open station or cab version available with Shuttle or HST transmission. Heavy-duty loader and backhoe available.

### Key Features:

- Fuel efficient 3 & 4 cylinder engines
- Larger tires for better traction and stability
- Choice of Industrial, Ag or turf tires (except 2538, 2545 & 2555)
- Best-in-class loader lift capacities
- Spacious full flat operator's platform
- Hydrostatic power steering and tilt

### Ideal For:

- Speciality / Hobby Farming
- Grounds Maintenance / Municipal
- Material Handling
- Livestock
- Dairy

- Independent 540 rpm PTO
- STANDARD adjustable suspension seat (except 2538)
- STANDARD rear remote valve (excluding 2538 & 2545)
- STANDARD 7-year limited powertrain warranty\* - Industry's Best

- Rural Lifestyle
- Hay
- Equine
- Home

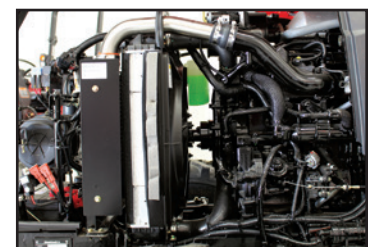
\*See Mahindra warranty and your dealer for details



## 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, direct-injection, turbo-charged and intercooled diesel (no DPF) or naturally aspirated direct-injection diesel (2538 & 2545)

**Transmission** – Synchro shuttle 12 forward and reverse with partial synchromesh on 2545, 2555 & 2565 or 3 range HST on 2538 & 2555

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

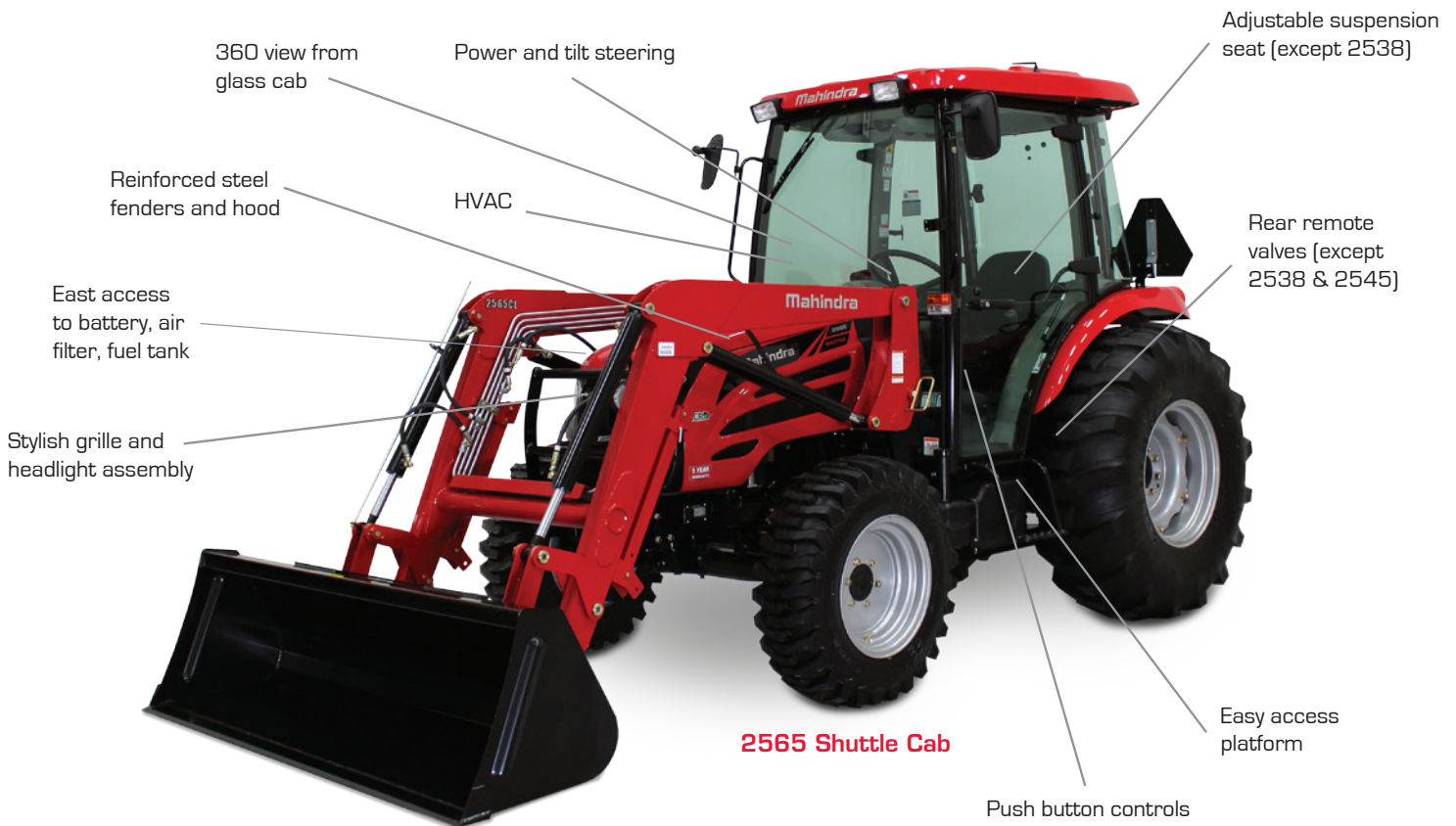
**Operating Weight** – 3,130 to 5,070 lbs. (varies by model) – sturdy, well-built, steel chassis

**Horsepower** – 37.4, 40, 55, 65

**Tires** – Ag, industrial or turf (except 2538, 2545 & 2555)

**Loader** – Lift up to 3,122 lbs. at 115.4" high with the 2565CL front loader

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



# TRACTOR ATTACHMENTS - OPEN STATION MODELS

TRACTOR	2538 HST	2545 Shuttle	2555 Shuttle	2555 HST
<b>LOADER</b>	2538L	2545L		2555L
Maximum Lift Height	101.4"	101.9		115.4"
Clearance with Bucket Fully Dumped	79.3	73"		82.3"
Reach at Maximum Dump Angle	21.5	21.9"		23"
Maximum Dump Angle	40°	42°		69°
Attachment Rollback Angle	30°	35°		39°
Digging Depth Below Grade	4.5"	4.8"		5.2"
Lift Capacity to Maximum Height at Pivot Pins	1634	2041		3122
Breakout Force @ Pivot Pins	2696	3430		5225
Rated Flow (Tractor System)	7.6 gpm	8.2 gpm		9.5 gpm
Attachment Width	66"			72"
Attachment Rated Capacity	10.8ft. <sup>3</sup>	11.8 ft. <sup>3</sup>		11.2 ft. <sup>3</sup>
Cycle Times @ rpm	2400		2600	
Raise Boom [seconds]	3.5	4.3		6
Lower Boom [seconds]	2	3		4
Dump Attachment [seconds]	2.6	3.5		4.9
Retract Attachment [seconds]	1.5	2.6		3.2
Loader Transport Weight	985	1177		1270
<b>BACKHOE</b>	2538B	2540B		65BL
Transport Height [max]	119"	81"		98"
Transport overhang	44.7"	45"		65"
<b>OPERATIONAL</b>				
Maximum Digging Depth	94"	92"		108"
Digging Depth (2' flat bottom)	92"	90"		104"
Overall Operating Height- fully raised	120"	123"		121"
Loading Height (bucket at 60°)	63"	87"		90"
Loading Reach (bucket at 60°)	51"	63"		66.3"
Reach from Swing Post	127"	112"		150"
Bucket Rotation	175°	140°		180°
Swing Arc				180°
Stabilizer Spread Operating Position	101"	91"		90"
Stabilizer Down Below Grade	11"	10"		10"
System Relief Valve Setting (psi)	2050	2248		2750
Digging Force - Bucket (lbs.)	3190	3080		3800
Digging Force - Dipper (lbs.)	1980	2160		2400
Transport Weight (lbs.)	1271	1369		1100

Specifications and design subject to change without notice.

## TRACTOR ATTACHMENTS - CAB MODELS

TRACTOR	2538 HST Cab	2545 Shuttle Cab	2555 Shuttle Cab	2555 HST Cab	2565 Shuttle Cab
<b>LOADER</b>	2538CL	2545CL	2555CL		2565CL
Maximum Lift Height	101.4"	101.9	115.4"		
Clearance with Bucket Fully Dumped	79.3	73"	82.3"		
Reach at Maximum Dump Angle	21.5	21.9"	23"		
Maximum Dump Angle	40°	42°	69°		
Attachment Rollback Angle	30°	35°	39°		
Digging Depth Below Grade	4.5"	4.8"	5.2"		
Lift Capacity to Maximum Height at Pivot Pins	1634	2041	3122		
Breakout Force @ Pivot Pins	2696	3430	5225		
Rated Flow (Tractor System)	7.6 gpm	8.2 gpm	9.5 gpm	11	
Attachment Width	66"		72"		
Attachment Rated Capacity	11.8ft. <sup>3</sup>	11.8 ft. <sup>3</sup>	11.2 ft. <sup>3</sup>	12.8 ft. <sup>3</sup>	
Cycle Times @ rpm	2400		2600		
Raise Boom (seconds)	3.5	4.3	6		
Lower Boom (seconds)	2	3	4		
Dump Attachment (seconds)	2.6	3.5	4.9		
Retract Attachment (seconds)	1.5	2.6	3.2		
Loader Transport Weight	981	1177	1270	1318	
<b>BACKHOE</b>	2538B	2540B	65BL	65BH	
Transport Height	119"	81"	98"		
Transport overhang	44.7"	45"	65"		
<b>OPERATIONAL</b>					
Maximum Digging Depth	94"	92"	108"		
Digging Depth (2' flat bottom)	92"	90"	104"		
Overall Operating Height- fully raised	120"	123"	121"		
Loading Height (bucket at 60°)	63"	87"	90"		
Loading Reach (bucket at 60°)	51"	63"	66.3"		
Reach from Swing Post	127"	112"	150"		
Bucket Rotation	175°	140°	180°		
Swing Arc	180°				
Stabilizer Spread Operating Position	101"	91"	90"		
Stabilizer Down Below Grade	11"	10"	10"		
System Relief Valve Setting (psi)	2050	2248	2750		
Digging Force - Bucket (lbs.)	3190	3080	3800		
Digging Force - Dipper (lbs.)	1980	2160	2400		
Transport Weight (lbs.)	1271	1369	1100		

### Cab Features

including, but not limited to -

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

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# AVAILABLE IMPLEMENTS

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

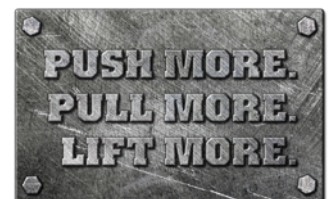
- Wide array of implements (186 variations)
- Competitive financing terms
- Standard-, medium-, and heavy-duty implements to meet your needs
- Implements feature rugged construction with heavy-duty components
- 5-year rotary cutter gear box limited warranty
- Snow blowers and Snow removal equipment to meet cold-weather needs
- Best value in the market today



# TRACTOR SPECIFICATIONS - OPEN STATION MODELS

TRACTOR	2538 HST	2545 Shuttle	2555 Shuttle	2555 HST
<b>ENGINE</b>				
Type	Naturally aspirated direct-injection diesel		Four-stroke, direct-injection, turbo-charged and intercooled diesel	
Cylinder	4		3	
Engine HP (kW) @rpm	37.4 [27.5] @ 2400	44 [33] @ 2600	55 [41] @ 2300	
Compression Ratio	18.7:1		17.2:1	
Displacement cubic inch <sup>3</sup> (cc)	166.7 [2732]		161.5 [2648]	
Fuel Tank Capacity	9.0 gallons		16 gallons	
<b>ELECTRICAL</b>				
Battery Capacity	12 V, 80 AH		12 V, 96 AH	
Alternator	12 V 45A		12 V 90A	
<b>CLUTCH</b>				
Type	Damper	Single plate, dry		N/A
<b>TRANSMISSION</b>				
Type	HST-3 range	Sync, shuttle w/part synchronesh		HST-3 range
Number of Gears/Speeds	Infinite	12F / 12R		Infinite
<b>STEERING</b>				
Type	Hydrostatic/tiltable			
Pump Output (gallons per minute)	4.1		5	
<b>BRAKES</b>				
Type	Wet Disc			
<b>HYDRAULIC SYSTEM</b>				
Type	Open Center with position control			
Pump Output gpm (L/min)	7.6	8.2	9.5	9.7
3-Point Linkage	Category 1 with check chains		Category 1 with telescoping stabilizers & flex link ends	
Lift Capacity (lbs.)	2646		3314	
Rear Auxiliary Remote Valves	1 spool optional		1 spool standard	
<b>PTO</b>				
Type	Independent			
PTD RPM (engine rpm)	540 @ 2400	540 @ 2650	540 @ 2300	
PTD HP (kW)	31 [23.1]	39 [29.1]	44.5 [32.7]	42.4 [31.6]
<b>OPERATING WEIGHT</b>				
Total (lbs)	3130	3285	4056	
<b>DIMENSIONS with Industrial Tires</b>				
Overall Length Inches (mm)	119.3 (3030)		135.4 (3440)	
Overall Width Inches (mm)	63.2 (1605)		71.1 (1807)	
Overall Height Inches (mm)	94.4 (2400)		102 (2590)	
Turning Radius Minimum Feet (meters)	7.87 (2.4)		11 (3.36)	
<b>TIRES Sizes and Options</b>				
Ag (Front/Rear)	7-16 6PR / 11.2-24 4PR	8.3x16 / 12 4x24	9.5x16 / 14.9x24	
Industrial (Front/Rear)	10-16.5 / 43x16-20		12x16.5 / 16.9x24	
Turf (Front/Rear)	N/A			

Specifications and design subject to change without notice.



# TRACTOR SPECIFICATIONS - CAB MODELS



TRACTOR	2538 HST Cab	2545 Shuttle Cab	2555 Shuttle Cab	2555 HST Cab	2565 Shuttle Cab
<b>ENGINE</b>					
Type	Naturally aspirated direct-injection diesel		Four-stroke, direct-injection, turbo-charged and intercooled diesel		
Cylinder	4		3		
Engine HP (kW) @rpm	37.4 (27.5) @ 2400	44 (33) @ 2600	55 (41) @ 2300		65 (48.4) @ 2300
Compression Ratio	18.7:1		17.2:1		
Displacement cubic inch <sup>3</sup> (cc)	166.7 (2732)		161.5 (2648)		
Fuel Tank Capacity	9.0 gallons		16 gallons		18.5 gallons
<b>ELECTRICAL</b>					
Battery Capacity	12 V, 80 AH		12 V, 96 AH		
Alternator	12 V 90 A		12 V 90A		
<b>CLUTCH</b>					
Type	Damper	Single plate, dry		N/A	Single plate, dry
<b>TRANSMISSION</b>					
Type	HST-3 range	Sync, shuttle w/part synchromesh		HST-3 range	Sync, shuttle w/part synchromesh
Number of Gears/Speeds	Infinite	12F / 12R		Infinite	12F / 12R
<b>STEERING</b>					
Type	Hydrostatic/tiltable				
Pump Output (gallons per minute)	4.1	4.5	5		5.4
<b>BRAKES</b>					
Type	Wet Disc				
<b>HYDRAULIC SYSTEM</b>					
Type	Open center with position control				Open center with position & draft control
Pump Output (gallons per minute)	7.6	8.2	9.5	9.7	11
3-Point Linkage	Category 1 with check chains		Category 1 with telescoping stabilizers & flex link ends		Category 2, with telescoping stabilizers & flex link ends
Lift Capacity (lbs.)	2646		3314		3527
Rear Auxiliary Remote Valves	1 spool optional		1 spool standard		
<b>PTO</b>					
Type	Independent				
PTO RPM (engine rpm)	540 @ 2385	540 @ 2650	540 @ 2300		
PTO HP (kW)	29.5 (22)	39 (29.1)	44.5 (32.7)	42.4 (31.6)	50 (36.8)
<b>OPERATING WEIGHT</b>					
Total (lbs)	3351	3506	4299		5070
<b>DIMENSIONS with Industrial Tires</b>					
Overall Length Inches (mm)	121.2 (3080)	119.3 (3030)	135.4 (3440)		142 (3608)
Overall Width Inches (mm)	63.2 (1605)	63.2 (1605)	71.5 (1817)		
Overall Height Inches (mm)	92.5 (2350)	94.4 (2400)	98 (2490)		99.2 (2520)
Turning Radius Minimum Feet (meters)	7.87 (2.4)		11 (3.36)		12.5 (3.81)
<b>TIRES Sizes and Options</b>					
Ag (Front/Rear)	7-16 6PR / 11.2-24 4PR	8.3x16 / 12.4x24	9.5x16 / 14.9x24		9.5x20 / 14.9x28
Industrial (Front/Rear)	10-16.5 / 43x16-20		12x16.5 / 16.9x24		10.5/80x18 / 18.4x24
Turf (Front/Rear)	N/A				LSW305-521 / LSW570-648 6PR

Specifications and design subject to change without notice.

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