



5500 SERIES

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



DEMING PRIZE
2003



JAPAN QUALITY MEDAL
2007

Mahindra
Tractors

UTILITY - 5500 Series

The Mahindra 5500 series tractors are rugged and powerful utility tractors designed for medium- to heavy-duty applications. With professional-grade models from 43 to 70 HP with shuttle transmissions and with a wide range of choices – 2WD and 4WD, heavy-duty loaders, heavy-duty backhoes, Ag/Industrial tires (4WD only) and a wide range of available implements – there is a model to meet your needs.

Key Features:

- Fuel efficient 3 cylinder, low RPM engines (except 5545)
- Larger tires for better traction and stability
- Heavy operating weight for increased safety
- Best-in-class loader and 3-point lift capacities

Ideal For:

- Agriculture
- Hay
- Material Handling
- Speciality / Hobby Farming

- STANDARD Position and Draft controls
- Hydrostatic power steering
- Independent 540 rpm PTO
- 8F/8R and SynchroShuttle transmissions
- STANDARD rear work light
- STANDARD 5-year limited powertrain warranty* - Industry's Best

- Grounds Maintenance / Municipal
- Rural Lifestyle
- Livestock
- Dairy

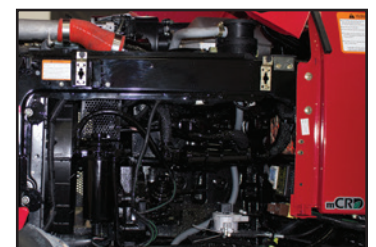
*See Mahindra warranty and your dealer for details



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

- Turbocharged intercooled, direct-injection diesel engine
- Tier IV compliant
- 3 popular horsepower sizes / 2 & 4 wheel drive



EXCEPTIONAL PERFORMANCE. GREAT VALUE.

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

Transmission – Full constant mesh with 8 forward/reverse synchro shuttle gears

Hydraulics – Open center, full-live

Operating Weight – 5,379 to 6,302 lbs. (varies by model) – sturdy, well-built, steel chassis

Horsepower – 43, 55, 70

Tires – Ag or industrial (4WD only)

Loader – Lift up to 3,000 lbs. at 128" high with 5565-2L front loader

Warranty – 5-year limited powertrain (See Mahindra warranty and your dealer for details)



AVAILABLE IMPLEMENTS

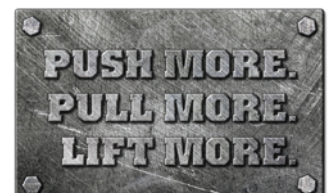
Mahindra offers a huge selection of implements to help you accomplish whatever task you wish to tackle and provide a complete Mahindra experience.

- 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	5545	5555 2WD Shuttle	5555 4WD Shuttle	5570 2WD Shuttle	5570 4WD Shuttle
LOADER	5545L	5565-2L	5565-4L	5565-2L	5565-4L
Maximum Lift Height	120"	123"	128"	123"	128"
Clearance with Attachment Dumped	98"	100.7"	104"	100.7"	104"
Reach at Maximum Height	22"	26"	29.5"	26"	29.5"
Maximum Dump Angle	40°	38°	40°	38°	40°
Attachment Rollback Angle	23°	23°	22°	23°	22°
Digging Depth Below Grade	5"	5.5"	6"	5.5"	6"
Lift Capacity to Full Height @ Pivot Pins	2950	3250	3000	3250	3000
Breakout Force @ Pivot Pins	4950	5300	4825	5300	4825
Rated Flow (Tractor System)	10.9 gpm	10.6 gpm	10.8 gpm	10.6 gpm	10.8 gpm
Attachment Width	72"	72"	78"	72"	78"
Attachment Rated Capacity	19.7 cu. ft.	16.3 cu. ft.	21.4 cu. ft.	16.3 cu. ft.	21.4 cu. ft.
Cycle Times @ rpm	2250 rpm	2300 rpm	2300 rpm	2300 rpm	2300 rpm
Raise Boom (seconds)	6.5	7	6.7	7	6.7
Lower Boom (seconds)	5.6	5.5	4.7	5.5	4.7
Dump Attachment (seconds)	3.8	4.0	5.9	4.0	5.9
Retract Attachment (seconds)	3.9	3.0	3.5	3.0	3.5
Transport Weight (lbs.)	1600	1350	1960	1350	1960
BACKHOE MODEL	75B/85B	N/A	75B/85B	N/A	75B/85B
TRANSPORT					
Transport Height	93"/106"	N/A	93"/106"	N/A	93"/106"
OPERATIONAL					
Maximum Digging Depth	116"/133"	N/A	116"/133"	N/A	116"/133"
Digging Depth (2 Ft.) Flat Bottom	115"/132"	N/A	115"/132"	N/A	115"/132"
Overall Operating Height - Fully Raised	154"/173"	N/A	154"/173"	N/A	154"/173"
Loading Height (bucket @ 60°)	82"/96"	N/A	82"/96"	N/A	82"/96"
Loading Reach (bucket @ 60°)	50"/60"	N/A	50"/60"	N/A	50"/60"
Reach From Swing Post	153"/173"	N/A	153"/173"	N/A	153"/173"
Bucket Rotation	180°	N/A	180°	N/A	180°
Swing Arc	180°	N/A	180°	N/A	180°
Stabilizer Spread Operating Position	95"	N/A	95"	N/A	95"
Stabilizer Down Below Grade	16"	N/A	16"	N/A	16"
System Relief Valve Setting	2500	N/A	2500	N/A	2500
Digging Force - Bucket (lbs.)	5676	N/A	5676	N/A	5676
Digging Force - Dipper (lbs.)	2754/3056	N/A	2754/3056	N/A	2754/3056
Transport Weight (lbs.)	1880/2049	N/A	1880/2049	N/A	1880/2049



TRACTOR SPECIFICATIONS



TRACTOR	5545	5555 2WD	5555 4WD	5570 2WD	5570 4WD
ENGINE					
Type	Four-stroke, direct-injection, water-cooled diesel	Four-stroke, direct-injection, turbo-charged and intercooled, diesel			
Cylinders	3				
Engine HP (kW) @ rpm	43 (32) @ 2300 (T4)	55 (41.0) @ 2100 (T4)		70 (52.1) @ 2100 (T4)	
Compression Ratio	17.5:1	17.2:1			
Displacement cubic inch ³ (cc)	161.7 (2650)			161.5 (2648)	
Fuel Tank Capacity	12 gallons	17.1 gallons			
ELECTRICAL					
Battery Capacity	12 volt, 96 amp hours				
Alternator	12 volt, 45 amps	12 volt, 55 amps			
CLUTCH					
Type	Dual dry with cerametallic lining				
TRANSMISSION					
Type	Forward/reverse synchro shuttle with synchro speeds and constant mesh range	Constant mesh with forward/reverse synchro shuttle			
Number of Gears / Speeds	8F / 8R				
STEERING					
Type	Hydrostatic power				
Pump Output (gallons per minute)	5	4.6			
BRAKES					
Type	Dry disc	Wet disc			
HYDRAULIC SYSTEM					
Type	Open center, full-live hydraulic with position and draft controls				
Pump Output (gallons per minute)	10.9	11.2			
3-Point Linkage	Category 1 and 2 with telescopic stabilizers				
Lift Capacity (lbs.)	3969	3968			
Rear Auxiliary Remote Valves	1 opt	1 standard, 2 spool optional		2 std	
PTO					
Type	Independent				
PTO RPM (engine rpm)	540 @ 2058	540 @ 2059			
PTO HP (kW)	34.9 (26)	45 (33.6)		61 (45.4)	
OPERATING WEIGHT					
Total (lbs.)	5567	5379	6039	5557	6302
DIMENSIONS with Ag Tires					
Overall Length Inches (mm)	134 (3400)	138.4 (3515)	140 (3556)	138.3 (3515)	145 (3683)
Overall Width Inches (mm)	72.5 (1842)	75.3 (1918)	79 (2007)	77.3 (1961)	81 (2057)
Overall Height Inches (mm)	93.3 (2371)	100.5 (2553)	98.8 (2508)	103.3 (2624)	99.7 (2532)
Turning Radius Minimum Feet (meters)	10.8 (3.3)	11.6 (3.5)	13.75 (4.19)	14 (4.2)	15.7 (4.8)
TIRES Sizes and Options					
Ag (Front / Rear)	9.5x20 / 13.6x28	7.5x16 / 14.9x28	9.5x24 / 14.9x28	9.5Lx15 / 16.9x28	11.2x24 / 16.9x30
Industrial (Front / Rear)	10.5/80x18 / 16.9x24	N/A	12.5/80x18 / 16.9x24	N/A	12.5/80x18 / 19.5x24

Specifications and design subject to change without notice.

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