

TRACTOR ATTACHMENTS

TRACTOR	3550 4WD PST	3550 4WD HST	3550 PST Cab	3550 HST Cab
LOADER		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	1450		1450	
BACKHOE MODEL	50B		50CB	
TRANSPORT				
Transport Height	94"		94"	
Transport Overhang	51"		51"	
Transport Weight	1843		1843	
OPERATIONAL				
Maximum Digging Depth	115"		115"	
Digging Depth (2 Ft.) Flat Bottom	114"		114"	
Overall Operating Height - Fully Raised	146"		146"	
Loading Height (bucket @ 60°)	83"		83"	
Loading Reach (bucket @ 60°)	53"		53"	
Reach From Swing Post	154"		154"	
Bucket Rotation	180°		180°	
Swing Arc	180°		180°	
Stabilizer Spread Operating Position	127"		127"	
Stabilizer Down Below Grade	10"		10"	
System Relief Valve Setting	2750		2750	
Digging Force - Bucket (lbs.)	5710		5710	
Digging Force - Dipper (lbs.)	3188		3188	



TRACTOR SPECIFICATIONS

TRACTOR	3550 PST	3550 HST	3550 PST Cab	3550 HST Cab
ENGINE				
Type	Naturally aspirated direct injection diesel		Naturally aspirated direct injection diesel	
Cylinders	4		4	
Engine HP (kW) @ rpm	49 (36.5) @ 2800 (T4)		49 (36.5) @ 2800 (T4)	
Compression Ratio	19.5:1		19.5:1	
Displacement cubic inch ³ (cc)	166.64 (2730)		166.64 (2730)	
Fuel Tank Capacity	11.3 gallons		14.5 gal.	
ELECTRICAL				
Battery Capacity	12 volt, 96 amps		12 volt, 96 amps	
Alternator	12 volt, 45 amps		12 volt, 120 amps	
CLUTCH				
Type	Wet	N/A	Inching mechanism	N/A
TRANSMISSION				
Type	Power shuttle with full synchro mesh	HST - 3 range	Power shuttle with full synchro mesh	HST - 3 range
Number of Gears / Speeds	12F / 12R	Infinite	12F / 12R	Infinite
STEERING				
Type	Hydrostatic power with tiltable steering		Hydrostatic power with tiltable steering	
Pump Output (gallons per minute)	5		5	
BRAKES				
Type	Wet disc		Wet disc	
HYDRAULIC SYSTEM				
Type	Open center, full-live hydraulic with position and draft controls		Open center, full-live hydraulic with position and draft controls	
Pump Output (gallons per minute)	11		11	
3-Point Linkage	Category 1 with telescopic lower links		Category 1 with telescopic lower links	
Lift Capacity (lbs.)	3090		3090	
Rear Auxiliary Remote Valves	One Standard		One Standard	
PTO				
Type	Independent		Independent	
PTO RPM (engine rpm)	540 @ 2404		540 @ 2404	
PTO HP (kW)	43 (32) max		40	39.5 (29.4)
OPERATING WEIGHT				
Total (lbs.)	4939	5389	5739	6189
DIMENSIONS with Ag Tires				
Overall Length Inches (mm)	128.9 (3274)		128.9 (3274)	
Overall Width Inches (mm)	75.4 (1915)		75.4 (1915)	
Turning Radius Minimum Feet (meters)	9.6 (2.94)		10.3 (3.15)	
Overall Height inches (mm)	98.1 (2492)		89.76 (2280)	
TIRES Sizes and Options				
Ag (Front / Rear)	9.5-20 / 16.9-24		9.5-20 / 16.9-24	
Industrial (Front / Rear)	14x17.5 / 19.5Lx24		14x17.5 / 19.5Lx24	
Turf (Front / Rear)	31x13.50-15 / 21.5L-16.1		N/A	

Specifications and design subject to change without notice.

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Mahindra
Rise.

3500 SERIES

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



DEMING PRIZE
2003



JAPAN QUALITY MEDAL
2007

Mahindra
Rise.

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 35 to 50 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
- STANDARD 5-year limited warranty - Industry's Best
- Heavier operating weight for built in safety
- Larger tires for better traction and stability
- Hydrostatic power steering
- STANDARD remote valve

Ideal For:

- Agriculture
- Dairy
- Rural Lifestyle
- Speciality / Hobby Farming
- Grounds Maintenance / Municipal
- Home
- Livestock
- Material Handling



Engine – left side view



Optional grille guard



Platform



Dash panel

- Ease of access: for radiator, battery check, filter replacement, oil check – the hood opens vertically & side panels come off quickly. No tools required.

- Optional grille guard uses push/pull pin with lock and requires no tools when lowering. Modern design complements elegant tractor styling.

- Flat platform provides plenty of leg room. All controls are within easy reach to maximize operator comfort.
- Standard deluxe suspension seat with back angle and weight adjustment; retractable seat belt, arm rests and water drain.

- Easy-to-read dash panel with white background and large numbers
- Hydrostatic (power steering) with tiltable column

SUPERIOR PERFORMANCE. GREATER VALUE.



- Superior lift capacity = Lift heavier loads
- 5 year warranty = Peace of mind
- Professional grade construction = Bigger, thicker, more solid components
- Heavier, sturdier chassis = Greater traction, stability & safety



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 gearbox limited warranty
- SNOW BLOWERS and SNOW REMOVAL equipment to meet cold-weather needs
- BEST VALUE in the market today

