



# 35 SERIES

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



DEMING PRIZE  
2003



JAPAN QUALITY MEDAL  
2007

**Mahindra**  
Rise.

## PREMIUM - 35 Series

The Mahindra 35 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, Shuttle, PST and HST transmissions and a wide range of available implements – there is a model to meet your needs.

### Key Features:

- 3 & 4 cylinder, heavy-duty engines
- Shuttle, PST and HST Transmissions [excludes 3535]
- Choice of Industrial, Ag or Turf tires
- Best-in-class loader and 3-point lift capacities

### Ideal For:

- Agriculture
- Dairy
- Rural Lifestyle
- Speciality / Hobby Farming

- 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 [4035 and 5035]

- 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 tilttable 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

Standard full synchro mesh transmission with shuttle shift and 12 Forward and 12 Reverse speeds

Lift heavier loads with the powerful new ML120 & ML 130 Mahindra front loader

Curved boom design increases visibility of work & matches styling of tractor

Clear-view, electronic instrument panel

Standard hydrostatic power steering with tilt column

Standard foldable ROPS

Standard deluxe suspension seat; back angle & weight adjustment; retractable seat belt, arm rests & water drain

Standard rear worklights

Thicker-gauge reinforced metal fenders

Optional grille guard with push/pull pin & lock - flips down for easy access to engine

Standard industrial tires are widest in their class, for greater stability (ag tires available)

Reliable Mahindra engine: ultra-quiet, fuel-efficient, four-stroke direct injection, water-cooled diesel conforms to EPA Tier III and IV norms

Stronger, sturdier built front axle on every Mahindra beats the competition's

**4035 4WD Shuttle/HST**

Heavier, stronger built chassis = heavier, safer tractor with better traction

Heavier-built, solid 3-point hitch linkage



**3535 4WD Shuttle**



**5035 4WD Shuttle/HST**

## AVAILABLE IMPLEMENTS

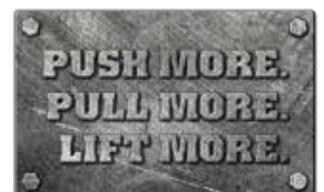
Mahindra offers a huge selection of implements to help you accomplish whatever task you wish to tackle and provide a complete Mahindra experience.

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



# TRACTOR ATTACHMENTS

TRACTOR	3535 4WD SHUTTLE	4035 4WD	5035 4WD
<b>LOADER</b>	ML120		ML130
Maximum Lift Height	106"		111.5"
Clearance with Attachment Dumped	85"		92"
Reach at Maximum Height	24.5"		24.75"
Maximum Dump Angle	40°		40°
Attachment Rollback Angle	19°		20°
Digging Depth Below Grade	3.375"		4.5"
Lift Capacity to Full Height @ Pivot Pins	2425		2700
Breakout Force @ Pivot Pins	3900		5100
Rated Flow (Tractor System)	11 gpm		11 gpm
Attachment Width used for specification	72"		75"
Attachment Rated Capacity used for specification	16.35 cu. ft.		17 cu. ft.
Cycle Times @ rpm	3080		3080
Raise Boom (seconds)	4.9		5.7
Lower Boom (seconds)	4.1		4.3
Dump Attachment (seconds)	3.8		4.9
Retract Attachment (seconds)	3		3.5
<b>BACKHOE MODEL</b>	485		595
<b>TRANSPORT</b>			
Transport Height	81"		94"
Transport Overhang	51"		51"
<b>OPERATIONAL</b>			
Maximum Digging Depth	101"		115"
Digging Depth (2 Ft.) Flat Bottom	100"		114"
Overall Operating Height - Fully Raised	121"		146"
Loading Height (bucket @ 60°)	63"		83"
Loading Reach (bucket @ 60°)	58"		53"
Reach From Swing Post	127"		154"
Bucket Rotation	180°		180°
Swing Arc	180°		180°
Stabilizer Spread Operating Position	90"		127"
Stabilizer Down Below Grade	10"		10"
System Relief Valve Setting (psi.)	2750		2750
Digging Force - Bucket (lbs.)	3895		5710
Digging Force - Dipper (lbs.)	2358		3188



# TRACTOR SPECIFICATIONS



TRACTOR	3535 4WD		4035 4WD			5035 4WD		
ENGINE	SHUTTLE		SHUTTLE	PST	HST	SHUTTLE	PST	HST
Type	Naturally aspirated direct injection diesel							
Cylinders			3			4		
Engine HP (kW) @ rpm	35 (26) @ 2800 rpm		40 (29.8) @ 2800			49.5 (36.91) @ 2800		
Compression Ratio			19.5:1					
Displacement cubic inch <sup>3</sup> (cc)			115.4 (1892)			153.9 (2523)		
Fuel Tank Capacity			11.3 gallons					
<b>ELECTRICAL</b>								
Battery Capacity			12 volt, 96 amps					
Alternator			12 volt, 45 amps					
<b>CLUTCH</b>								
Type	Single Plate Dry	Single Plate Dry	Wet	N/A	Single Plate Dry	Wet	N/A	
<b>TRANSMISSION</b>								
Type	Forward/Reverse synchro shuttle with full synchro mesh			3 ranges	Forward/Reverse synchro shuttle with full synchro mesh			3 ranges
Number of Gears/Speeds	12F/12R			Infinite	12F/12R			Infinite
Max Speed Forward / Reverse mph (kmph)	14.8 (23.8) / 13.3 (21.4)	16.5 (26.6) / 15.6 (25.1)		15.5 (24.9) / 15.5 (24.9)	17.3 (27.8) / 16.3 (26.2)	16.9 (27.2) / 16.0 (25.7)	15.9 (25.6) / 15.9 (25.6)	
<b>STEERING</b>								
Type	Hydrostatic power with tiltable steering							
Pump Output (gallons per minute)			5					
<b>BRAKES</b>								
Type	Wet disc							
<b>HYDRAULIC SYSTEM</b>								
Type	Open center, full-live hydraulic with position and draft controls							
Pump Output (gallons per minute)			11					
3-Point Linkage	Category 1 with telescopic lower links							
Lift Capacity (lbs.)	2835		3090					
Rear Auxiliary Remote Valves	1 spool optional		One Standard					
<b>PTO</b>								
Type	Independent							
PTO RPM (engine rpm)			540 @ 2404					
PTO HP (kW)	29 (21.5) max	33 (24.6) max		31.5 (23.5) max	43 (32) max		41.5 (31) max	
<b>OPERATING WEIGHT</b>								
Total (lbs.)	4125	4367		4817	4939		5389	
<b>DIMENSIONS with Ag Tires</b>								
Overall Length Inches (mm)	123 (3124)		123.8 (3144)			128.9 (3274)		
Overall Width Inches (mm)	69.4 (1763)		73.7 (1872)			75.4 (1915)		
Overall Height Inches (mm)	94.7 (2405)		98.1 (2492)			99.2 (2520)		
Turning Radius Minimum Feet (meters)	9.3 (2.86)		9.6 (2.94)					
<b>TIRES Sizes and Options</b>								
Ag (Front/Rear)	N/A		9.5-16/14.9-24			9.5-20/16.9-24		
Industrial (Front/Rear)	28x8.5-15/43x16-20		12-16.5/16.9-24			14x17.5/19.5Lx24		
Turf (Front/Rear)	N/A		29x12.50-15/44x18-20			31x13.50-15/21.5L-16.1		

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