



3500 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

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



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

Lift heavier loads with the powerful new 3550L & 3550CL Mahindra front loader

Grille guard standard with loader. Features push/pull pin & lock - flips down for easy engine access

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

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

Standard full synchro mesh transmission with power shuttle and 12 Forward and 12 Reverse speeds or 3-range HST with cruise control

Clear-view, electronic instrument panel

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

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

Standard hydrostatic power steering with tilt column

Standard foldable ROPS

Standard rear worklights

Thicker-gauge reinforced metal fenders

3540 PST 4WD

Heavier-built, solid 3-point hitch linkage

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



Mahindra 3540 PST

Comparison Charts

TRACTOR MODEL	MAHINDRA 3540	KUBOTA L4060	JOHN DEERE 4044R	NEW HOLLAND BOOMER 41
ENGINE				
Cylinders	4	4	4	4
Engine HP(kw) @ RPM (EPA Certification)	40 (29.8) @ 2800 (T3)	40 (29.8) @ 2700 (T4)	43.1 (32.1) @ 2600	40.7 (30.3) @ 2600 (T4)
Displacement in ³ (cc)	166.7 (2730)	148.5 (2434)	133.5 (2189)	135 (2220)
PTO HP (kW)	31 (23.1)	34 (25.3)	34.5 (25.7)	32.4 (24.1)
PTO RPM	540 @ 2404	540 @ 2550	540 @ 2400	540 @ Not Published
TRANSMISSION				
Type	Fully synchronized with hydraulic shuttle	GST with hydraulic shuttle	Power reverser	Synchronized shuttle shift
Number of Speeds	12F / 12R	12F / 8R	12F / 12R	16F / 16R
HYDRAULICS				
Type	Open center, full live hydraulic with position and draft control	Open center, full live hydraulic with position control and optional draft control	Open center, full live hydraulic with position control	Open center, full live hydraulic with position control
Total Pump Output (gallons per minute)	11	9.8	Not Published	8.2
Total Pump Output, Steering (gallons per minute)	5	4.9	Not Published	4.2
Lift Capacity (lbs.)	3090	3858	3130	2756
OPERATING WEIGHT				
Total (lbs.)	4367	3748	3700	3424
DIMENSIONS				
Overall Length Inches (mm)	128.9 (3274)	121.5 (3085)	Not Published	128.1 (3254)
Overall Width Inches (mm)	73.7 (1872)	66.5 (1690)	Not Published	69.1 (1755)
Overall Height Inches (mm)	98.7 (2492)	97.6 (2480)	100.2 (2545)	97 (2466)
TIRES				
Ag (Front / Rear)	9.5x16 / 14.9x24	8.3x16 / 14.9x24	8-16 / 13.6-28	9.5x16 / 13.6-24
Industrial (Front / Rear)	12x16.5 / 16.9x24	10-16.5 / 17.5L-24	10-16.5 / 16.9L-24	12x16.5 6PR / 17.5Lx24 6PR
Turf (Front / Rear)	29x12.5-15 / 44x18-20	29x12.5-15 or 27-1050LLx15 / 44x18-20 or 41-18LLx16.3	27x10.5-15 / 44x18-20	28x8.5-15 / 41x14-20
LOADER				
Model No.	3550L	LA805	D170	260TLA
Max Lift height (in)	106	105	112	109
Digging depth (in)	3.4	4.7	6.0	Not Published
Lift capacity to full height @ pivot pin (lbs)	2425	1720	2391	2371
Breakout force @ pivot pin (lbs)	3900	2554 (500 mm forward)	3853	4081

Mahindra 3540 PST

Specification Charts

ENGINE	
Type	Naturally aspirated direct injection diesel
Cylinders	4
Engine HP (kW) @ rpm	40 (29.8) @ 2800
Compression Ratio	19.5:1
Displacement cubic inch ³ (cc)	166.64 (2730)
Fuel Tank Capacity	11.3 gallons
ELECTRICAL	
Battery Capacity	12 volt, 96 amps
Alternator	12 volt, 45 amps
CLUTCH	
Type	Wet multidisk
TRANSMISSION	
Type	Power shuttle with full synchro mesh
Number of Gears / Speeds	12F / 12R
STEERING	
Type	Hydrostatic power with tiltable steering
Pump Output (gallons per minute)	5
BRAKES	
Type	Wet disc
HYDRAULIC SYSTEM	
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.)	3090
Rear Auxiliary Remote Valves	One Standard
PTO	
Type	Independent
PTO RPM (engine rpm)	540 @ 2404
PTO HP (kW)	31 (23.1)
OPERATING WEIGHT	
Total (lbs.)	4367
DIMENSIONS with Ag Tires	
Overall Length Inches (mm)	128.9 (3274)
Overall Width Inches (mm)	73.7 (1871)
Turning Radius Minimum Feet (meters)	10.3 (3.2)
Overall Height inches (mm)	98.7 (2492)
TIRES Sizes and Options	
Ag (Front / Rear)	9.5-16 / 14.9-24
Industrial (Front / Rear)	12x16.5 / 16.9x24
Turf (Front / Rear)	29x12.50-15 / 44x18-20

LOADER 3550L	
Maximum Lift Height	111.5"
Clearance with Attachment Dumped	92"
Reach at Maximum Height	24.75"
Maximum Dump Angle	40°
Attachment Rollback Angle	20°
Digging Depth Below Grade	4.5"
Lift Capacity to Full Height @ Pivot Pins	2700
Breakout Force @ Pivot Pins	5100
Rated Flow (Tractor System)	11 gpm
Attachment Width	75"
Attachment Rated Capacity	17 ft ³
Cycle Times @ rpm	3080
Raise Boom (seconds)	5.7
Lower Boom (seconds)	4.3
Dump Attachment (seconds)	4.9
Retract Attachment (seconds)	3.5
Transport Weight (lbs.)	1450
BACKHOE	
BACKHOE MODEL	50B
TRANSPORT	
Transport Height	94"
Transport Overhang	51"
Transport Weight (lbs.)	1843
OPERATIONAL	
Maximum Digging Depth	115"
Digging Depth (2 Ft.) Flat Bottom	114"
Overall Operating Height - Fully Raised	146"
Loading Height (bucket @ 60°)	83"
Loading Reach (bucket @ 60°)	53"
Reach From Swing Post	154"
Bucket Rotation	180°
Swing Arc	180°
Stabilizer Spread Operating Position	127"
Stabilizer Down Below Grade	10"
System Relief Valve Setting	2750
Digging Force - Bucket (lbs.)	5710
Digging Force - Dipper (lbs.)	3188

Mahindra 3540 HST

Comparison Charts

TRACTOR MODEL	MAHINDRA 3540	KUBOTA L4060	JOHN DEERE 4044R	NEW HOLLAND BOOMER 41
ENGINE				
Cylinders	4	4	4	4
Engine HP(kw) @ RPM (EPA Certification)	40 (29.8) @ 2800 (T3)	40 (29.8) @ 2700 (T4)	43.1 (32.1) @ 2600	40.7 (30.3) @ 2600 (T4)
Displacement in ³ (cc)	166.7 (2730)	148.5 (2434)	133.5 (2189)	135 (2220)
PTO HP (kW)	30.5 (22.7)	32.5 (24.2)	34.5 (25.7)	30.8 (22.9)
PTO RPM	540 @ 2404	540 @ 2550	540 @ 2400	540 @ Not Published
TRANSMISSION				
Type	HST - 3 range	HST - 3 range	HST - 3 range	HST - 3 range
Number of Speeds	Infinite	Infinite	Infinite	Infinite
HYDRAULICS				
Type	Open center, full live hydraulic with position and draft control	Open center, full live hydraulic with position control and optional draft control	Open center, full live hydraulic with position control	Open center, full live hydraulic with position control
Total Pump Output (gallons per minute)	11	9.4	Not Published	8.2
Total Pump Output, Steering (gallons per minute)	5	4.7	Not Published	5.3
Lift Capacity (lbs.)	3090	3858	3130	2756
OPERATING WEIGHT				
Total (lbs.)	4817	3759	3770	3490
DIMENSIONS				
Overall Length Inches (mm)	128.9 (3274)	121.5 (3085)	Not Published	128.1 (32548)
Overall Width Inches (mm)	73.7 (1872)	66.5 (1690)	Not Published	69.1 (1755)
Overall Height Inches (mm)	98.7 (2492)	97.6 (2480)	100.2 (2545)	97 (2466)
TIRES				
Ag (Front / Rear)	9.5x16 / 14.9x24	8.3x16 / 14.9x24	8-16 / 13.6-28	9.5x16 / 13.6-24
Industrial (Front / Rear)	12x16.5 / 16.9x24	10-16.5 / 17.5L-24	10-16.5 / 16.9L-24	12x16.5 6PR / 17.5Lx24 6PR
Turf (Front / Rear)	29x12.50-15 / 44x18-20	29x12.5-15 or 27-1050LLx15 / 44x18-20 or 41-18LLx16.3	27x10.5-15 / 44x18-20	28x8.5-15 / 41x14-20
LOADER				
Model No.	3550L	LA805	D170	260TLA
Max Lift height (in)	106	105	112	109
Digging depth (in)	3.4	4.7	6.0	Not Published
Lift capacity to full height @ pivot pin (lbs)	2425	1720	2391	2371
Breakout force @ pivot pin (lbs)	3900	2554 (500 mm forward)	3853	4081

Mahindra 3540 HST

Specification Charts

ENGINE	
Type	Naturally aspirated direct injection diesel
Cylinders	4
Engine HP (kW) @ rpm	40 (29.8) @ 2800
Compression Ratio	19.5:1
Displacement cubic inch ³ (cc)	166.64 (2730)
Fuel Tank Capacity	11.3 gallons
ELECTRICAL	
Battery Capacity	12 volt, 96 amps
Alternator	12 volt, 45 amps
CLUTCH	
Type	N/A
TRANSMISSION	
Type	HST - 3 range
Number of Gears / Speeds	Infinite
STEERING	
Type	Hydrostatic power with tiltable steering
Pump Output (gallons per minute)	5
BRAKES	
Type	Wet disc
HYDRAULIC SYSTEM	
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.)	3090
Rear Auxiliary Remote Valves	One Standard
PTO	
Type	Independent
PTO RPM (engine rpm)	540 @ 2404
PTO HP (kW)	30.5 (22.7)
OPERATING WEIGHT	
Total (lbs.)	4817
DIMENSIONS with Ag Tires	
Overall Length Inches (mm)	128.9 (3274)
Overall Width Inches (mm)	73.7 (1871)
Turning Radius Minimum Feet (meters)	10.3 (3.2)
Overall Height inches (mm)	98.7 (2492)
TIRES Sizes and Options	
Ag (Front / Rear)	9.5-16 / 14.9-24
Industrial (Front / Rear)	12x16.5 / 16.9x24
Turf (Front / Rear)	29x12.50-15 / 44x18-20

LOADER 3550L	
Maximum Lift Height	111.5"
Clearance with Attachment Dumped	92"
Reach at Maximum Height	24.75"
Maximum Dump Angle	40°
Attachment Rollback Angle	20°
Digging Depth Below Grade	4.5"
Lift Capacity to Full Height @ Pivot Pins	2700
Breakout Force @ Pivot Pins	5100
Rated Flow (Tractor System)	11 gpm
Attachment Width	75"
Attachment Rated Capacity	17 ft ³
Cycle Times @ rpm	3080
Raise Boom (seconds)	5.7
Lower Boom (seconds)	4.3
Dump Attachment (seconds)	4.9
Retract Attachment (seconds)	3.5
Transport Weight (lbs.)	1450
BACKHOE	
BACKHOE MODEL	50B
TRANSPORT	
Transport Height	94"
Transport Overhang	51"
Transport Weight (lbs.)	1843
OPERATIONAL	
Maximum Digging Depth	115"
Digging Depth (2 Ft.) Flat Bottom	114"
Overall Operating Height - Fully Raised	146"
Loading Height (bucket @ 60°)	83"
Loading Reach (bucket @ 60°)	53"
Reach From Swing Post	154"
Bucket Rotation	180°
Swing Arc	180°
Stabilizer Spread Operating Position	127"
Stabilizer Down Below Grade	10"
System Relief Valve Setting	2750
Digging Force - Bucket (lbs.)	5710
Digging Force - Dipper (lbs.)	3188

Mahindra 3540 PST Cab

Comparison Charts

TRACTOR MODEL	MAHINDRA 3540P	KUBOTA L4060	JOHN DEERE 4044R	NEW HOLLAND BOOMER 3040
ENGINE				
Cylinders	4	4	4	4
Engine HP(kw) @ RPM (EPA Certification)	40 (29.8) @ 2800	40 (29.8) @ 2700	43.1 (32.1) @ 2600	50 (37.3) @ 2800 (T3)
Displacement in ³ (cc)	166.7 (2730)	148.5 (2434)	133.5 (2189)	135.2 (2220)
PTO HP (kW)	31 (23.1)	32.5 (24.2)	34.5 (25.7)	32 (23.8)
PTO RPM	540 @ 2404	540 @ 2550	540 @ 2400	540 @ Not Published
TRANSMISSION				
Type	Fully synchronized with hydraulic shuttle	HST - 3 range	Power reverser	CVT - 3 mode
Number of Speeds	12F / 12R	Infinite	12F / 12R	Infinite
HYDRAULICS				
Type	Open center, full live hydraulic with position and draft control	Open center, full live hydraulic with position and draft control	Open center, full live hydraulic with position control	Open center, full live hydraulic with position control
Total Pump Output (gallons per minute)	11	9.4	Not Published	9.8
Total Pump Output, Steering (gallons per minute)	5	4.7	Not Published	5.1
Lift Capacity (lbs.)	3090	3858	3130	3275
OPERATING WEIGHT				
Total (lbs.)	5167	4134	4675	4136
DIMENSIONS				
Overall Length Inches (mm)	128.9 (3274)	121.5 (3085)	Not Published	122 (3098)
Overall Width Inches (mm)	75.4 (1915)	66.5 (1690)	Not Published	66.6 (1692)
Overall Height Inches (mm)	100 (2540)	91.1 (2315)	100.2 (2545)	90.3 (2294)
TIRES				
Ag (Front / Rear)	9.5x20 / 16.9x24	8.3-16 / 14.9-24	8-16 / 13.6-28	8x16 / 14.9x24
Industrial (Front / Rear)	14-17.5 / 19.5L-24	10x16.5 / 17.5L-24	10-16.5 / 16.9L-24	10x16.5 / 17.5Lx24
Turf (Front / Rear)	29x12.5-15 / 44x18-20	29x12.5-15 / 44x18-20	27x10.5-15 / 44x18-20	27x10.5-15 / 44x18-20
LOADER				
Model No.	3550CL	LA805	D170	250TL
Max Lift height (in)	111.5	112.7	112	106.8
Digging depth (in)	4.5	6.9	6.0	3
Lift capacity to full height @ pivot pin (lbs)	2700	2361	2391	1940
Breakout force @ pivot pin (lbs)	5100	3171 (500 mm forward)	3853	3470

Mahindra 3540 PST Cab

Specification Charts

ENGINE

Type	Naturally aspirated direct injection diesel
Cylinders	4
Engine HP (kW) @ rpm	40 (29.8) @ 2800
Compression Ratio	19.5:1
Displacement cubic inch ³ (cc)	166.64 (2730)
Fuel Tank Capacity	14.5 gallons

ELECTRICAL

Battery Capacity	12 volt, 96 amps
Alternator	12 volt, 120 amps

CLUTCH

Type	Wet multidisk
------	---------------

TRANSMISSION

Type	Power shuttle with full synchro mesh
Number of Gears / Speeds	12F / 12R

STEERING

Type	Hydrostatic power with tiltable steering
Pump Output (gallons per minute)	5

BRAKES

Type	Wet disc
------	----------

HYDRAULIC SYSTEM

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.)	3090
Rear Auxiliary Remote Valves	One Standard

PTO

Type	Independent
PTO RPM (engine rpm)	540 @ 2404
PTO HP (kW)	31 (23.1)

OPERATING WEIGHT

Total (lbs.)	5167
--------------	------

DIMENSIONS with Ag Tires

Overall Length Inches (mm)	128.9 (3274)
Overall Width Inches (mm)	73.7 (1871)
Turning Radius Minimum Feet (meters)	10.3 (3.2)
Overall Height inches (mm)	100 (2540)

TIRES Sizes and Options

Ag (Front / Rear)	9.5-16 / 14.9-24
Industrial (Front / Rear)	12x16.5 / 16.9x24
Turf (Front / Rear)	29x12.50-15 / 44x18-20

LOADER 3550CL

Maximum Lift Height	111.5"
Clearance with Attachment Dumped	92"
Reach at Maximum Height	24.75"
Maximum Dump Angle	40°
Attachment Rollback Angle	20°
Digging Depth Below Grade	4.5"
Lift Capacity to Full Height @ Pivot Pins	2700
Breakout Force @ Pivot Pins	5100
Rated Flow (Tractor System)	11 gpm
Attachment Width	75"
Attachment Rated Capacity	17 ft ³
Cycle Times @ rpm	3080
Raise Boom (seconds)	5.7
Lower Boom (seconds)	4.3
Dump Attachment (seconds)	4.9
Retract Attachment (seconds)	3.5
Transport Weight (lbs.)	1450

BACKHOE

BACKHOE MODEL	50CB
---------------	------

TRANSPORT

Transport Height	94"
Transport Overhang	51"
Transport Weight (lbs.)	1843

OPERATIONAL

Maximum Digging Depth	115"
Digging Depth (2 Ft.) Flat Bottom	114"
Overall Operating Height - Fully Raised	146"
Loading Height (bucket @ 60°)	83"
Loading Reach (bucket @ 60°)	53"
Reach From Swing Post	154"
Bucket Rotation	180°
Swing Arc	180°
Stabilizer Spread Operating Position	127"
Stabilizer Down Below Grade	10"
System Relief Valve Setting	2750
Digging Force - Bucket (lbs.)	5710
Digging Force - Dipper (lbs.)	3188

Mahindra 3540 HST Cab

Comparison Charts

TRACTOR MODEL	MAHINDRA 3540P	KUBOTA L4060	JOHN DEERE 4044R	NEW HOLLAND BOOMER 3040
ENGINE				
Cylinders	4	4	4	4
Engine HP(kw) @ RPM (EPA Certification)	40 (29.8) @ 2800	40 (29.8) @ 2700	43.1 (32.1) @ 2600	50 (37.3) @ 2800 (T3)
Displacement in ³ (cc)	166.64 (2730)	148.5 (2434)	133.5 (2189)	135.2 (2220)
PTO HP (kW)	30.5 (22.7)	32.5 (24.2)	34.5 (25.7)	32 (23.8)
PTO RPM	540 @ 2404	540 @ 2550	540 @ 2400	540 @ Not Published
TRANSMISSION				
Type	HST - 3 range	HST - 3 range	HST - 3 range	CVT - 3 mode
Number of Speeds	Infinite	Infinite	Infinite	Infinite
HYDRAULICS				
Type	Open center, full live hydraulic with position and draft control	Open center, full live hydraulic with position and draft control	Open center, full live hydraulic with position control	Open center, full live hydraulic with position control
Total Pump Output (gallons per minute)	11	9.8	Not Published	9.8
Total Pump Output, Steering (gallons per minute)	5	4.9	Not Published	5.1
Lift Capacity (lbs.)	3090	3858	3130	3275
OPERATING WEIGHT				
Total (lbs.)	5617	4134	4675	4136
DIMENSIONS				
Overall Length Inches (mm)	128.9 (3274)	121.5 (3085)	Not Published	122 (3098)
Overall Width Inches (mm)	75.4 (1915)	66.5 (1690)	Not Published	66.6 (1692)
Overall Height Inches (mm)	100 (2540)	91.1 (2315)	100.2 (2545)	90.3 (2294)
TIRES				
Ag (Front / Rear)	9.5x20 / 16.9x24	8.3-16 / 14.9-24	8-16 / 13.6-28	8x16 / 14.9x24
Industrial (Front / Rear)	14-17.5 / 19.5L-24	10x16.5 / 17.5L-24	10-16.5 / 16.9L-24	10x16.5 / 17.5Lx24
Turf (Front / Rear)	29x12.5-15 / 44x18-20	29x12.5-15 / 44x18-20	27x10.5-15 / 44x18-20	27x10.5-15 / 44x18-20
LOADER				
Model No.	3550CL	LA805	D170	250TL
Max Lift height (in)	111.5	112.7	112	106.8
Digging depth (in)	4.5	6.9	6.0	3
Lift capacity to full height @ pivot pin (lbs)	2700	2361	2391	1940
Breakout force @ pivot pin (lbs)	5100	3171 (500 mm forward)	3853	3470

Mahindra 3540 HST Cab

Specification Charts

ENGINE

Type	Naturally aspirated direct injection diesel
Cylinders	4
Engine HP (kW) @ rpm	40 (29.8) @ 2800
Compression Ratio	19.5:1
Displacement cubic inch ³ (cc)	166.64 (2730)
Fuel Tank Capacity	14.5 gallons

ELECTRICAL

Battery Capacity	12 volt, 96 amps
Alternator	12 volt, 120 amps

CLUTCH

Type	N/A
------	-----

TRANSMISSION

Type	HST - 3 range
Number of Gears / Speeds	Infinite

STEERING

Type	Hydrostatic power with tiltable steering
Pump Output (gallons per minute)	5

BRAKES

Type	Wet disc
------	----------

HYDRAULIC SYSTEM

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.)	3090
Rear Auxiliary Remote Valves	One Standard

PTO

Type	Independent
PTO RPM (engine rpm)	540 @ 2404
PTO HP (kW)	30.5 (22.7)

OPERATING WEIGHT

Total (lbs.)	5617
--------------	------

DIMENSIONS with Ag Tires

Overall Length Inches (mm)	128.9 (3274)
Overall Width Inches (mm)	73.7 (1871)
Turning Radius Minimum Feet (meters)	10.3 (3.2)
Overall Height inches (mm)	100 (2540)

TIRES Sizes and Options

Ag (Front / Rear)	9.5-16 / 14.9-24
Industrial (Front / Rear)	12x16.5 / 16.9x24
Turf (Front / Rear)	29x12.50-15 / 44x18-20

LOADER 3550CL

Maximum Lift Height	111.5"
Clearance with Attachment Dumped	92"
Reach at Maximum Height	24.75"
Maximum Dump Angle	40°
Attachment Rollback Angle	20°
Digging Depth Below Grade	4.5"
Lift Capacity to Full Height @ Pivot Pins	2700
Breakout Force @ Pivot Pins	5100
Rated Flow (Tractor System)	11 gpm
Attachment Width	75"
Attachment Rated Capacity	17 ft ³
Cycle Times @ rpm	3080
Raise Boom (seconds)	5.7
Lower Boom (seconds)	4.3
Dump Attachment (seconds)	4.9
Retract Attachment (seconds)	3.5
Transport Weight (lbs.)	1450

BACKHOE

BACKHOE MODEL	50CB
---------------	------

TRANSPORT

Transport Height	94"
Transport Overhang	51"
Transport Weight (lbs.)	1843

OPERATIONAL

Maximum Digging Depth	115"
Digging Depth (2 Ft.) Flat Bottom	114"
Overall Operating Height - Fully Raised	146"
Loading Height (bucket @ 60°)	83"
Loading Reach (bucket @ 60°)	53"
Reach From Swing Post	154"
Bucket Rotation	180°
Swing Arc	180°
Stabilizer Spread Operating Position	127"
Stabilizer Down Below Grade	10"
System Relief Valve Setting	2750
Digging Force - Bucket (lbs.)	5710
Digging Force - Dipper (lbs.)	3188

Mahindra 3550 PST

Comparison Charts

TRACTOR MODEL	MAHINDRA 3550 PST	KUBOTA L5060 GST	JOHN DEERE 4052R	NEW HOLLAND BOOMER 47
ENGINE				
Cylinders	4	4	4	4
Engine HP(kw) @ RPM (EPA Certification)	49 (36.5) @ 2800 (T4)	50 (37.3) @ 2700 (T4)	51.5 (37.9) @ 2600	45.6 (34) @ 2600 (T4)
Displacement in ³ (cc)	166.64 (2730)	148.5 (2434)	149 (2440)	135 (2220)
PTO HP (kW)	40 (29.8)	44 (32.8)	39.9 (29.7)	37.3 (27.8)
PTO RPM	540 @ 2404	540 @ 2550	540 @ 2400	540 @ Not Published
TRANSMISSION				
Type	Fully synchronized with hydraulic shuttle	GST with hydraulic shuttle	Power reverser	Full synchronized
Number of Speeds	12F / 12R	12F / 8R	12F / 12R	16F / 16R
HYDRAULICS				
Type	Open center, full live hydraulic with position and draft control	Open center, full live hydraulic with position control and optional draft control	Open center, full live hydraulic with position control	Open center, full live hydraulic with position control
Total Pump Output (gallons per minute)	11	9.8	Not Published	8.2
Total Pump Output, Steering (gallons per minute)	5	4.9	Not Published	4.2
Lift Capacity (lbs.)	3090	3858	3130	2756
OPERATING WEIGHT				
Total (lbs.)	4939	3979	3770	3549
DIMENSIONS				
Overall Length Inches (mm)	128.9 (3274)	126.4 (3210)	Not Published	121 (3068)
Overall Width Inches (mm)	75.4 (1915)	67.3 (1710)	Not Published	64 (1618)
Overall Height Inches (mm)	99.2 (2520)	96 (2440)	100.2 (2545)	97 (2466)
TIRES				
Ag (Front / Rear)	9.5x20 / 16.9x24	8.3x16 / 14.9x24	8-16 / 13.6-28	9.5x16 / 13.6-24
Industrial (Front / Rear)	14-17.5 / 19.5L - 24	10-16.5 / 17.5L-24	10-16.5 6PR / 17.5L-24	10x16.5 / 420/70-24
Turf (Front / Rear)	29x12.5-15 / 44x18-20	29x12.5-15 or 27-1050LLx15 / 44x18-20 or 41-18LLx16.3	27x10.5-15 / 44x18-20	28x8.5-15 / 41x14-20
LOADER				
Model No.	3550L	LA1055	D170	250TL
Max Lift height (in)	111.5	112.7	112	106.8
Digging depth (in)	4.5	6.9	6	6.5
Lift capacity to full height @ pivot pin (lbs)	2700	2361	2391	1940
Breakout force @ pivot pin (lbs)	5100	3171 (500 mm forward)	3853	3461 (1500mm forward)

Mahindra 3550 PST

Specification Charts

ENGINE	
Type	Naturally aspirated direct injection diesel
Cylinders	4
Cylinder Sleeve	Wet Replaceable
Engine HP (kW) @ rpm	49.5 (36.91) @ 2800
Compression Ratio	19.5:1
Displacement inch ³ (cc)	166.64 (2730)
Fuel Tank Capacity	11.3 gallons
ELECTRICAL	
Battery Capacity	12 volt, 96 amps
Alternator	12 volt, 45 amps
CLUTCH	
Type	Wet multidisc
TRANSMISSION	
Type	Power shuttle with full synchro mesh
Number of Gears / Speeds	12F / 12R
STEERING	
Type	Hydrostatic power with tiltable steering
Pump Output (gallons per minute)	5
BRAKES	
Type	Wet disc
HYDRAULIC SYSTEM	
Type	Open center, full-Hive hydraulic with position and draft controls
Pump Output (gallons per minute)	11
3-Point Linkage	Category 1 with telescopic lower links
Lift Capacity (lbs.)	3090
Rear Auxiliary Remote Valves	1 standard
PTO	
Type	Independent
PTO RPM (engine rpm)	540 @ 2404
PTO HP (kW)	40 (29.8)
OPERATING WEIGHT	
Total (lbs.)	4939
DIMENSIONS with Industrial Tires	
Overall Length Inches (mm)	128.9 (3274)
Overall Width Inches (mm)	75.4 (1915)
Turning Radius Minimum Feet (meters)	9.6 (2.94)
Overall Height Inches (mm)	99.2 (2520)
TIRES Sizes and Options	
Ag (Front / Rear)	9.5-20 / 16.9-24
Industrial (Front / Rear)	14x17.5 / 19.5Lx24
Turf (Front / Rear)	31x13.50-15 / 21.5L-16.1

LOADER 3550L	
Maximum Lift Height	111.5"
Clearance with Attachment Dumped	92"
Reach at Maximum Height	24.75"
Maximum Dump Angle	40°
Attachment Rollback Angle	20°
Digging Depth Below Grade	4.5"
Lift Capacity to Full Height @ Pivot Pins	2700
Breakout Force @ Pivot Pins	5100
Rated Flow (Tractor System)	11 gpm
Attachment Width	75"
Attachment Rated Capacity	17 ft ³
Cycle Times @ rpm	3080
Raise Boom (seconds)	5.7
Lower Boom (seconds)	4.3
Dump Attachment (seconds)	4.9
Retract Attachment (seconds)	3.5
Transport Weight (lbs.)	1450
BACKHOE	
BACKHOE MODEL	50B
TRANSPORT	
Transport Height	94"
Transport Overhang	51"
Transport Weight (lbs.)	1843
OPERATIONAL	
Maximum Digging Depth	115"
Digging Depth (2 Ft.) Flat Bottom	114"
Overall Operating Height - Fully Raised	146"
Loading Height (bucket @ 60°)	83"
Loading Reach (bucket @ 60°)	53"
Reach From Swing Post	154"
Bucket Rotation	180°
Swing Arc	180°
Stabilizer Spread Operating Position	127"
Stabilizer Down Below Grade	10"
System Relief Valve Setting (psi)	2750
Digging Force - Bucket (lbs.)	5710
Digging Force - Dipper (lbs.)	3188

Mahindra 3550 HST

Comparison Charts

TRACTOR MODEL	MAHINDRA 3550 HST	KUBOTA L4760 HST	JOHN DEERE 4052R	NEW HOLLAND BOOMER 47
ENGINE				
Cylinders	4	4	4	4
Engine HP(kw) @ RPM (EPA Certification)	49 (36.5) @ 2800 (T4)	47 (35.1) @ 2700 (T4)	51.5 (37.9) @ 2600	45.6 (34) @ 2600 (T4)
Displacement in ³ (cc)	166.64 (2730)	148.5 (2434)	149 (2440)	135 (2220)
PTO HP (kW)	39.5 (29.4)	39.5 (29.4)	39.9 (29.7)	35.4 (26.4)
PTO RPM	540 @ 2404	540 @ 2550	540 @ 2400	540 @ Not Published
TRANSMISSION				
Type	HST - 3 range	HST - 3 range	eHydro - 3 range	HST - 3 range
Number of Speeds	Infinite	Infinite	Infinite	Infinite
HYDRAULICS				
Type	Open center, full live hydraulic with position and draft control	Open center, full live hydraulic with position control	Open center, full live hydraulic with position control	Open center, full live hydraulic with position control
Total Pump Output (gallons per minute)	11	9.8	Not Published	8.2
Total Pump Output Steering (gallons per minute)	5	4.7	Not Published	5.3
Lift Capacity (lbs.)	3090	3858	3130	2756
OPERATING WEIGHT				
Total (lbs.)	5389	3847	3770	3549
DIMENSIONS				
Overall Length Inches (mm)	128.9 (3274)	121.5 (3085)	Not Published	121 (3068)
Overall Width Inches (mm)	75.4 (1915)	66.5 (1690)	Not Published	64 (1618)
Overall Height Inches (mm)	99.2 (2520)	97.6 (2480)	100.2 (2545)	97 (2466)
TIRES				
Ag (Front / Rear)	9.5x20 / 16.9x24	8.3x16 / 14.9x26	8.00-16 / 13.6-28	9.5x16 / 13.6-24
Industrial (Front / Rear)	14-17.5 / 19.5L-24	10-16.5 / 17.5L-24	10-16.5 6PR / 17.5L-24	10x16.5 / 420/70-24
Turf (Front / Rear)	31x12.5-15 / 21.5L-16.1	29x12.50-15 / 44x18-20	27x10.5-15 / 44x18-20	28x8.5-15 / 41x14-20
LOADER				
Model No.	3550L	LA1055	D170	250TL
Max Lift height (in)	111.5	112.7	112	105
Digging depth (in)	4.5	6.9	6	6.5
Lift capacity to full height @ pivot pin (lbs)	2700	2361	2391	2000
Breakout force @ pivot pin (lbs)	5100	3171 (500mm forward)	3853	3461 (1500mm forward)

Mahindra 3550 HST

Specification Charts

ENGINE	
Type	Naturally aspirated direct injection diesel
Cylinders	4
Engine HP (kW) @ rpm	49 (36.5) @ 2800 (T4)
Compression Ratio	19.5:1
Displacement inch ³ (cc)	166.64 (2730)
Fuel Tank Capacity	11.3 gallons
ELECTRICAL	
Battery Capacity	12 volt, 96 amps
Alternator	12 volt, 45 amps
CLUTCH	
Type	N/A
TRANSMISSION	
Type	HST - 3 ranges
Number of Gears / Speeds	Infinite
STEERING	
Type	Hydrostatic power with tiltable steering
Pump Output (gallons per minute)	5
BRAKES	
Type	Wet disc
HYDRAULIC SYSTEM	
Type	Open center, full-flive hydraulic with position and draft controls
Pump Output (gallons per minute)	11
3-Point Linkage	Category 1 with telescopic lower links
Lift Capacity (lbs.)	3090
Rear Auxiliary Remote Valves	1 standard
PTO	
Type	Independent
PTO RPM (engine rpm)	540 @ 2404
PTO HP (kW)	39.5 (29.4)
OPERATING WEIGHT	
Total (lbs.)	5389
DIMENSIONS with Industrial Tires	
Overall Length Inches (mm)	128.9 (3274)
Overall Width Inches (mm)	75.4 (1915)
Turning Radius Minimum Feet (meters)	10.3 (3.2)
Overall Height Inches (mm)	99.2 (2520)
TIRES Sizes and Options	
Ag (Front / Rear)	9.5-20 / 16.9-24
Industrial (Front / Rear)	14x17.5 / 19.5Lx24
Turf (Front / Rear)	31x13.50-15 / 21.5L-16.1

LOADER 3550L	
Maximum Lift Height	111.5"
Clearance with Attachment Dumped	92"
Reach at Maximum Height	24.75"
Maximum Dump Angle	40°
Attachment Rollback Angle	20°
Digging Depth Below Grade	4.5"
Lift Capacity to Full Height @ Pivot Pins	2700
Breakout Force @ Pivot Pins	5100
Rated Flow (Tractor System)	11 gpm
Attachment Width	75"
Attachment Rated Capacity	17 ft ³
Cycle Times @ rpm	3080
Raise Boom (seconds)	5.7
Lower Boom (seconds)	4.3
Dump Attachment (seconds)	4.9
Retract Attachment (seconds)	3.5
Transport Weight (lbs.)	1450
BACKHOE	
BACKHOE MODEL	50B
TRANSPORT	
Transport Height	94"
Transport Overhang	51"
Transport Weight (lbs.)	1843
OPERATIONAL	
Maximum Digging Depth	115"
Digging Depth (2 Ft.) Flat Bottom	114"
Overall Operating Height - Fully Raised	146"
Loading Height (bucket @ 60°)	83"
Loading Reach (bucket @ 60°)	53"
Reach From Swing Post	154"
Bucket Rotation	180°
Swing Arc	180°
Stabilizer Spread Operating Position	127"
Stabilizer Down Below Grade	10"
System Relief Valve Setting (psi)	2750
Digging Force - Bucket (lbs.)	5710
Digging Force - Dipper (lbs.)	3188

Mahindra 3550 PST Cab

Comparison Charts

TRACTOR MODEL	MAHINDRA 3550	KUBOTA L4760	JOHN DEERE 4052R	NEW HOLLAND BOOMER 3050
ENGINE				
Cylinders	4	4	4	4
Engine HP(kw) @ RPM (EPA Certification)	49 (36.5) @ 2800 (T4)	47 (35) @ 2600 (T4)	51.5 (37.9) @ 2600	50 (37.3) @ 2800 (T3)
Displacement in ³ (cc)	166.64 (2730)	148.5 (2434)	149 (2440)	135.2 (2220)
PTO HP (kW)	40 (29.8)	39.5 (29.4)	39.9 (29.7)	40 (29.8)
PTO RPM	540 @ 2404	540 @ 2550	540 @ 2400	540 @ Not Published
TRANSMISSION				
Type	Fully synchronized with hydraulic shuttle	HST - 3 range	Power reverser	CVT - 3 mode
Number of Speeds	12F / 12R	Infinite	12F / 12R	Infinite
HYDRAULICS				
Type	Open center, full live hydraulic with position and draft control	Open center, full live hydraulic with position and draft control	Open center, full live hydraulic with position control	Open center, full live hydraulic with position control
Total Pump Output (gallons per minute)	11	9.4	Not Published	9.8
Total Pump Output Steering (gallons per minute)	5	4.7	Not Published	5.1
Lift Capacity (lbs.)	3090	3858	3130	3275
OPERATING WEIGHT				
Total (lbs.)	5739	4222	4675	4136
DIMENSIONS				
Overall Length Inches (mm)	128.9 (3274)	121.5 (3085)	Not Published	122 (3098)
Overall Width Inches (mm)	75.4 (1915)	66.5 (1690)	Not Published	66.6 (1692)
Overall Height Inches (mm)	100.7 (2558)	91.1 (2315)	100.2 (2545)	90.3 (2294)
TIRES				
Ag (Front / Rear)	9.5x20 / 16.9x24	8.3-16 / 14.9-24	8-16 / 13.6-28	8x16 / 14.9x24
Industrial (Front / Rear)	14-17.5 / 19.5L-24	10x16.5 / 17.5L-24	10-16.5 / 17.5-24	10x16.5 / 17.5Lx24
Turf (Front / Rear)	31x13.50-15 / 21.5L-16.1	29x12.5-15 / 44x18-20	27x10.5-15 / 44x18-20	27x10.5-15 / 44x18-20
LOADER				
Model No.	3550CL	LA1055	D170	250TL
Max Lift height (in)	111.5	112.7	112	106.8
Digging depth (in)	4.5	6.9	6	3
Lift capacity to full height @ pivot pin (lbs)	2700	2361	2391	1940
Breakout force @ pivot pin (lbs)	5100	3171 (500 mm forward)	3853	3470

Mahindra 3550 PST Cab

Specification Charts

ENGINE	
Type	Naturally aspirated direct injection diesel
Cylinders	4
Engine HP (kW) @ rpm	49 (36.5) @ 2800 (T4)
Compression Ratio	19.5:1
Displacement inch ³ (cc)	166.64 (2730)
Fuel Tank Capacity	14.5 gal.
ELECTRICAL	
Battery Capacity	12 volt, 96 amps
Alternator	12 volt, 120 amps
CLUTCH	
Type	Wet Multidisk
TRANSMISSION	
Type	Power shuttle with full synchro mesh
Number of Gears / Speeds	12F / 12R
STEERING	
Type	Hydrostatic power with tiltable steering
Pump Output (gallons per minute)	5
BRAKES	
Type	Wet disc
HYDRAULIC SYSTEM	
Type	Open center, full-flive hydraulic with position and draft controls
Pump Output (gallons per minute)	11
3-Point Linkage	Category 1 with telescopic lower links
Lift Capacity (lbs.)	3090
Rear Auxiliary Remote Valves	1 standard
PTO	
Type	Independent
PTO RPM (engine rpm)	540 @ 2404
PTO HP (kW)	40 (29.8)
OPERATING WEIGHT	
Total (lbs.)	5739
DIMENSIONS with Industrial Tires	
Overall Length Inches (mm)	128.9 (3274)
Overall Width Inches (mm)	75.4 (1915)
Turning Radius Minimum Feet (meters)	10.3 (3.2)
Overall Height Inches (mm)	100.7 (2558)
TIRES Sizes and Options	
Ag (Front / Rear)	9.5-20 / 16.9-24
Industrial (Front / Rear)	14x17.5 / 19.5Lx24
Turf (Front / Rear)	31x13.50-15 / 21.5L-16.1

LOADER 3550CL	
Maximum Lift Height	111.5"
Clearance with Attachment Dumped	92"
Reach at Maximum Height	24.75"
Maximum Dump Angle	40°
Attachment Rollback Angle	20°
Digging Depth Below Grade	4.5"
Lift Capacity to Full Height @ Pivot Pins	2700
Breakout Force @ Pivot Pins	5100
Rated Flow (Tractor System)	11 gpm
Attachment Width	75"
Attachment Rated Capacity	17 ft ³
Cycle Times @ rpm	3080
Raise Boom (seconds)	5.7
Lower Boom (seconds)	4.3
Dump Attachment (seconds)	4.9
Retract Attachment (seconds)	3.5
Transport Weight (lbs.)	1450
BACKHOE	
BACKHOE MODEL	50CB
TRANSPORT	
Transport Height	94"
Transport Overhang	51"
Transport Weight (lbs.)	1843
OPERATIONAL	
Maximum Digging Depth	115"
Digging Depth (2 Ft.) Flat Bottom	114"
Overall Operating Height - Fully Raised	146"
Loading Height (bucket @ 60°)	83"
Loading Reach (bucket @ 60°)	53"
Reach From Swing Post	154"
Bucket Rotation	180°
Swing Arc	180°
Stabilizer Spread Operating Position	127"
Stabilizer Down Below Grade	10"
System Relief Valve Setting (psi)	2750
Digging Force - Bucket (lbs.)	5710
Digging Force - Dipper (lbs.)	3188

Mahindra 3550 HST Cab

Comparison Charts

TRACTOR MODEL	MAHINDRA 3550	KUBOTA L4760	JOHN DEERE 4052R	NEW HOLLAND BOOMER 3050
ENGINE				
Cylinders	4	4	4	4
Engine HP(kw) @ RPM (EPA Certification)	49 (36.5) @ 2800 (T4)	47 (35) @ 2600 (T4)	51.5 (37.9) @ 2600	50 (37.3) @ 2800 (T3)
Displacement in ³ (cc)	166.64 (2730)	148.5 (2434)	149 (2440)	135.2 (2220)
PTO HP (kW)	39.5 (29.4)	39.5 (29.4)	39.9 (29.7)	40 (29.8)
PTO RPM	540 @ 2404	540 @ 2550	540 @ 2400	540 @ Not Published
TRANSMISSION				
Type	HST - 3 range	HST - 3 range	eHydro - 3 range	CVT - 3 range
Number of Speeds	Infinite	Infinite	Infinite	Infinite
HYDRAULICS				
Type	Open center, full live hydraulic with position and draft control	Open center, full live hydraulic with position and draft control	Open center, full live hydraulic with position control	Open center, full live hydraulic with position control
Total Pump Output (gallons per minute)	11	9.4	Not Published	9.8
Total Pump Output Steering (gallons per minute)	5	4.7	Not Published	5.1
Lift Capacity (lbs.)	3090	3858	3130	3275
OPERATING WEIGHT				
Total (lbs.)	6189	4222	4675	4136
DIMENSIONS				
Overall Length Inches (mm)	128.9 (3274)	121.5 (3085)	Not Published	122 (3098)
Overall Width Inches (mm)	75.4 (1915)	66.5 (1690)	Not Published	66.6 (1692)
Overall Height Inches (mm)	100.7 (2558)	91.1 (2315)	100.2 (2545)	90.3 (2294)
TIRES				
Ag (Front / Rear)	9.5x20 / 16.9x24	8.3-16 / 14.9-24	8-16 / 13.6-28	8x16 / 14.9x24
Industrial (Front / Rear)	14-17.5 / 19.5L-24	10x16.5 / 17.5L-24	10-16.5 / 17.5-24	10x16.5 / 17.5Lx24
Turf (Front / Rear)	31x13.50-15 / 21.5L-16.1	29x12.5-15 / 44x18-20	27x10.5-15 / 44x18-20	27x10.5-15 / 44x18-20
LOADER				
Model No.	3550CL	LA1055	D170	250TL
Max Lift height (in)	111.5	112.7	112	106.8
Digging depth (in)	4.5	6.9	6	3
Lift capacity to full height @ pivot pin (lbs)	2700	2361	2391	1940
Breakout force @ pivot pin (lbs)	5100	3171 (500 mm forward)	3853	3470

Mahindra 3550 HST Cab

Specification Charts

ENGINE

Type	Naturally aspirated direct injection diesel
Cylinders	4
Engine HP (kW) @ rpm	49 (36.5) @ 2800 (T4)
Compression Ratio	19.5:1
Displacement inch ³ (cc)	166.64 (2730)
Fuel Tank Capacity	14.5 gal.

ELECTRICAL

Battery Capacity	12 volt, 96 amps
Alternator	12 volt, 120 amps

CLUTCH

Type	N/A
------	-----

TRANSMISSION

Type	HST - 3 range
Number of Gears / Speeds	Infinite

STEERING

Type	Hydrostatic power with tiltable steering
Pump Output (gallons per minute)	5

BRAKES

Type	Wet disc
------	----------

HYDRAULIC SYSTEM

Type	Open center, full-flive hydraulic with position and draft controls
Pump Output (gallons per minute)	11
3-Point Linkage	Category 1 with telescopic lower links
Lift Capacity (lbs.)	3090
Rear Auxiliary Remote Valves	1 standard

PTO

Type	Independent
PTO RPM (engine rpm)	540 @ 2404
PTO HP (kW)	39.5 (29.4)

OPERATING WEIGHT

Total (lbs.)	6189
--------------	------

DIMENSIONS with Industrial Tires

Overall Length Inches (mm)	128.9 (3274)
Overall Width Inches (mm)	75.4 (1915)
Turning Radius Minimum Feet (meters)	10.3 (3.2)
Overall Height Inches (mm)	100.7 (2558)

TIRES Sizes and Options

Ag (Front / Rear)	9.5-20 / 16.9-24
Industrial (Front / Rear)	14x17.5 / 19.5Lx24
Turf (Front / Rear)	31x13.50-15 / 21.5L-16.1

LOADER 3550CL

Maximum Lift Height	111.5"
Clearance with Attachment Dumped	92"
Reach at Maximum Height	24.75"
Maximum Dump Angle	40°
Attachment Rollback Angle	20°
Digging Depth Below Grade	4.5"
Lift Capacity to Full Height @ Pivot Pins	2700
Breakout Force @ Pivot Pins	5100
Rated Flow (Tractor System)	11 gpm
Attachment Width	75"
Attachment Rated Capacity	17 ft ³
Cycle Times @ rpm	3080
Raise Boom (seconds)	5.7
Lower Boom (seconds)	4.3
Dump Attachment (seconds)	4.9
Retract Attachment (seconds)	3.5
Transport Weight (lbs.)	1450

BACKHOE

BACKHOE MODEL	50CB
---------------	------

TRANSPORT

Transport Height	94"
Transport Overhang	51"
Transport Weight (lbs.)	1843

OPERATIONAL

Maximum Digging Depth	115"
Digging Depth (2 Ft.) Flat Bottom	114"
Overall Operating Height - Fully Raised	146"
Loading Height (bucket @ 60°)	83"
Loading Reach (bucket @ 60°)	53"
Reach From Swing Post	154"
Bucket Rotation	180°
Swing Arc	180°
Stabilizer Spread Operating Position	127"
Stabilizer Down Below Grade	10"
System Relief Valve Setting (psi)	2750
Digging Force - Bucket (lbs.)	5710
Digging Force - Dipper (lbs.)	3188