



# eMAX 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.

# 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 eMax™ 22 Gear

## Comparison Charts

TRACTOR MODEL	MAHINDRA EMAX 22	KUBOTA BX2370	JOHN DEERE 1023E	NEW HOLLAND BOOMER 24
<b>ENGINE</b>				
Cylinders	3	3	3	3
Engine HP(kw) @ RPM (EPA Certification)	22 (16.4) @ 3000 (T4)	23 (17.2) @ 3200 (T4)	22.4 (16.5) @ 3200 (T4)	24 (17.9) @ 2500 (T4)
Displacement in <sup>3</sup> (cc)	61.5 (1007)	54.8 (898)	55 (903)	80.4 (1300)
PTO HP (kW)	16.9 (12.4)	17.7 (13.2)	15.3 (11.4)	16.7 (12.4)
PTO RPM	540 @ 2893	540 @ 3200	540 @ Not Published	540 @ Not Published
Mid PTO RPM	2130 @ 2875	2500 @ 3200	2100 @ Not Published	2000 @ Not Published
<b>TRANSMISSION</b>				
Type	Mechanical	HST - 2 range	HST - 2 range	HST - 2 range
Number of Speeds	6F / 2R	Infinite	Infinite	Infinite
<b>HYDRAULICS</b>				
Type	Open center, full live hydraulic	Open center, full live hydraulic	Open center, full live hydraulic with position control	Open center, full live hydraulic with position control
Total Pump Output, Main (gallons per minute)	4.5	6.2 (tot)	3.5	6.7
Total Pump Output, Steering (gallons per minute)	2.6	N/A	2.8	2.5
Lift Capacity (lbs.)	1320	992	1433	1433
<b>OPERATING WEIGHT</b>				
Total (lbs.)	1540	1410	1345	1702
<b>DIMENSIONS</b>				
Overall Length Inches (mm)	102.4 (2600)	95.5 (2425)	104 (2641)	103.6 (2632)
Overall Width Inches (mm)	50.8 (1290)	44.5 (1130)	47.3 (1202)	46.9 (1165)
Overall Height Inches (mm)	89.7 (2278)	87.2 (2215)	86 (2184)	85.5 (2173)
<b>TIRES</b>				
Ag (Front / Rear)	6x12 / 9.5x16	18x8.5-10 / 26x12-12	N/A	N/A
Industrial (Front / Rear)	20x8-10 / 27x12.5-15	18x8.5-10 / 26x12-12	18x8.5-10 / 26x12-12	23x8.5-12 4PR / 12-16.5 4PR
Turf (Front / Rear)	20x8-10 / 29x12.5-15	18x8.5-10 / 26x12-12	18x8.5-10 / 26x12-12	23x8.5-12 / 33x12-16.5
<b>LOADER</b>				
Model No.	EMAX 25L	LA243	D120	235TLA
Max Lift height (in)	75.3	71.3	71.2	80.7
Digging depth (in)	4.1	4.7	4	Not Published
Lift capacity to full height @ pivot pin (lbs)	900	745	825	1034
Breakout force @ pivot pin (lbs)	2000	992 (500mm forward)	1808	1672

# Mahindra eMax 22 Gear

## Specification Charts

### ENGINE

Type	Four stroke, indirect injection water-cooled diesel
Cylinders	3
Engine HP (kW) @ rpm	22 (16.4) @ 3000
Compression Ratio	21:1
Displacement inch <sup>3</sup> (cc)	61.5 (1007)
Fuel Tank Capacity	6.1 gallons

### ELECTRICAL

Battery Capacity	12V 50AH
Alternator	12V 50A

### CLUTCH

Type	Single plate, dry
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### TRANSMISSION

Type	Mechanical
Number of Gears / Speeds	6F / 2R

### STEERING

Type	Hydrostatic Power
Pump Output (gallons per minute)	2.6

### BRAKES

Type	Wet disc
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### HYDRAULIC SYSTEM

Type	Open center, full live hydraulic
Pump Output (gallons per minute)	4.5
3-Point Linkage	Category 1, with check chains
Lift Capacity (lbs.)	1320
Rear Auxiliary Remote Valves	1 spool optional

### PTO

Type	Trans
PTO RPM (engine rpm)	540 @ 2893
Mid PTO RPM (engine rpm)*	2000 @ 2875
PTO HP (kW)	16.9 (12.4)

### OPERATING WEIGHT

Total (lbs.)	1540
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### DIMENSIONS with Ag Tires

Overall Length Inches (mm)	102.4 (2600)
Overall Width Inches (mm)	50.8 (1290)
Overall Height Inches (mm)	89.7 (2278)
Turning Radius Minimum Feet (meters)	7.2 (2.2)

### TIRES Sizes and Options

Ag (Front / Rear)	6x12 / 9.5x16
Industrial (Front / Rear)	20x8-10 / 27x12.5-15
Turf (Front / Rear)	20x8-10 / 29x12.5-15

### LOADER EMAX 25L

Maximum Lift Height	75.3"
Clearance with Attachment Dumped	57.4"
Reach at eMaximum Height	24.9"
Maximum Dump Angle	38°
Attachment Rollback Angle	20°
Digging Depth Below Grade	4.1"
Lift Capacity to Full Height @ Pivot Pins	900
Breakout Force @ Pivot Pins	2000
Rated Flow (Tractor System)	4.6 gpm
Attachment Width	50"
Attachment Rated Capacity	5.3 ft <sup>3</sup>
Cycle Times @ rpm	2500
Raise Boom (seconds)	4.4
Lower Boom (seconds)	2.5
Dump Attachment (seconds)	5.3
Retract Attachment (seconds)	3.8
Transport Weight (lbs.)	507

### BACKHOE

BACKHOE MODEL	eMax 25B
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### TRANSPORT

Transport Height (eMaximum)	70"
Transport Overhang	37"
Transport Weight (lbs.)	710

### OPERATIONAL

Maximum Digging Depth	76.3"
Digging Depth (2 Ft.) Flat Bottom	74.9"
Overall Operating Height - Fully Raised	104.8"
Loading Height (bucket at 60°)	62"
Loading Reach (bucket at 60°)	36"
Reach From Swing Post	102"
Bucket Rotation	180°
Swing Arc	150°
Stabilizer Spread Operating Position	74"
Stabilizer Down Below Grade	6"
System Relief Valve Setting (psi)	2000
Digging Force - Bucket (lbs.)	2145
Digging Force - Dipper (lbs.)	903

# Mahindra eMax™ 22 HST

## Comparison Charts

TRACTOR MODEL	MAHINDRA EMAX 22	KUBOTA BX2370	JOHN DEERE 1023E	NEW HOLLAND BOOMER 24
<b>ENGINE</b>				
Cylinders	3	3	3	3
Engine HP(kw) @ RPM (EPA Certification)	22 (16.4) @ 3000 (T4)	23 (17.2) @ 3200 (T4)	22.4 (16.5) @ 3200 (T4)	24 (17.9) @ 2500 (T4)
Displacement in <sup>3</sup> (cc)	61.5 (1007)	54.8 (898)	55 (903)	80.4 (1300)
PTO HP (kW)	16.9 (12.4)	17.7 (13.2)	15.3 (11.4)	16.7 (12.4)
PTO RPM	540 @ 2893	540 @ 3200	540 @ Not Published	540 @ Not Published
Mid PTO RPM	2130 @ 2875	2500 @ 3200	2100 @ Not Published	2000 @ Not Published
<b>TRANSMISSION</b>				
Type	HST - 2 range	HST - 2 range	HST - 2 range	HST - 2 range
Number of Speeds	Infinite	Infinite	Infinite	Infinite
<b>HYDRAULICS</b>				
Type	Open center, full live hydraulic	Open center, full live hydraulic	Open center, full live hydraulic with position control	Open center, full live hydraulic with position control
Total Pump Output, Main (gallons per minute)	4.5	6.2 (tot)	3.5	6.7
Total Pump Output, Steering (gallons per minute)	2.6	N/A	2.8	2.5
Lift Capacity (lbs.)	1320	992	1433	1433
<b>OPERATING WEIGHT</b>				
Total (lbs.)	1540	1410	1345	1702
<b>DIMENSIONS</b>				
Overall Length Inches (mm)	102.4 (2600)	95.5 (2425)	104 (2641)	103.6
Overall Width Inches (mm)	50.8 (1290)	44.5 (1130)	47.3 (1202)	46.9 (1165)
Overall Height Inches (mm)	89.7 (2278)	87.2 (2215)	86 (2184)	85.5 (2173)
<b>TIRES</b>				
Ag (Front / Rear)	6x12 / 9.5x16	18x8.5-10 / 26x12-12	N/A	N/A
Industrial (Front / Rear)	20x8-10 / 27x12.5-15	18x8.5-10 / 26x12-12	18x8.5-10 / 26x12-12	23x8.5-12 4PR / 12-16.5 4PR
Turf (Front / Rear)	20x8-10 / 29x12.5-15	18x8.5-10 / 26x12-12	18x8.5-10 / 26x12-12	23x8.5-12 / 33x12-16.5
<b>LOADER</b>				
Model No.	EMAX 25L	LA243	D120	235TLA
Max Lift height (in)	75.3	71.3	71.2	80.7
Digging depth (in)	4.1	4.7	4	Not Published
Lift capacity to full height @ pivot pin (lbs)	900	745	825	1034
Breakout force @ pivot pin (lbs)	2000	992	1808	1672



# Mahindra eMax 22 HST

## Specification Charts

ENGINE	
Type	Four stroke, indirect injection water-cooled diesel
Cylinders	3
Engine HP (kW) @ rpm	22 (16.4) @ 3000
Compression Ratio	21:1
Displacement inch <sup>3</sup> (cc)	61.5 (1007)
Fuel Tank Capacity	6.1 gallons
ELECTRICAL	
Battery Capacity	12V 50AH
Alternator	12V 50A
CLUTCH	
Type	Single plate, dry
TRANSMISSION	
Type	HST - 2 ranges
Number of Gears / Speeds	Infinite
STEERING	
Type	Hydrostatic Power
Pump Output (gallons per minute)	2.6
BRAKES	
Type	Wet disc
HYDRAULIC SYSTEM	
Type	Open center, full live hydraulic
Pump Output (gallons per minute)	4.5
3-Point Linkage	Category 1, with check chains
Lift Capacity (lbs.)	1320
Rear Auxiliary Remote Valves	1 spool optional
PTO	
Type	Independent
PTO RPM (engine rpm)	540 @ 2893
Mid PTO RPM (engine rpm)*	2000 @ 2875
PTO HP (kW)	16.9 (12.4)
OPERATING WEIGHT	
Total (lbs.)	1540
DIMENSIONS with Ag Tires	
Overall Length Inches (mm)	102.4 (2600)
Overall Width Inches (mm)	50.8 (1290)
Overall Height Inches (mm)	89.7 (2278)
Turning Radius Minimum Feet (meters)	7.2 (2.2)
TIRES Sizes and Options	
Ag (Front / Rear)	6x12 / 9.5x16
Industrial (Front / Rear)	20x8-10 / 27x12.5-15
Turf (Front / Rear)	20x8-10 / 29x12.5-15

LOADER EMAX 25L	
Maximum Lift Height	75.3"
Clearance with Attachment Dumped	57.4"
Reach at eMaximum Height	24.9"
Maximum Dump Angle	38°
Attachment Rollback Angle	20°
Digging Depth Below Grade	4.1"
Lift Capacity to Full Height @ Pivot Pins	900
Breakout Force @ Pivot Pins	2000
Rated Flow (Tractor System)	4.6 gpm
Attachment Width	50"
Attachment Rated Capacity	5.3 ft <sup>3</sup>
Cycle Times @ rpm	2500
Raise Boom (seconds)	4.4
Lower Boom (seconds)	2.5
Dump Attachment (seconds)	5.3
Retract Attachment (seconds)	3.8
Transport Weight (lbs.)	507
BACKHOE	
BACKHOE MODEL	eMax 25B
TRANSPORT	
Transport Height (eMaximum)	70"
Transport Overhang	37"
Transport Weight (lbs.)	710
OPERATIONAL	
Maximum Digging Depth	76.3"
Digging Depth (2 Ft.) Flat Bottom	74.9"
Overall Operating Height - Fully Raised	104.8"
Loading Height (bucket at 60°)	62"
Loading Reach (bucket at 60°)	36"
Reach From Swing Post	102"
Bucket Rotation	180°
Swing Arc	150°
Stabilizer Spread Operating Position	74"
Stabilizer Down Below Grade	6"
System Relief Valve Setting (psi)	2000
Digging Force - Bucket (lbs.)	2145
Digging Force - Dipper (lbs.)	903

# Mahindra eMax™ 25 HST

## Comparison Charts

TRACTOR MODEL	MAHINDRA EMAX 25	KUBOTA BX2670	JOHN DEERE 1025R	NEW HOLLAND BOOMER 24
<b>ENGINE</b>				
Cylinders	3	3	3	3
Engine HP(kw) @ RPM (EPA Certification)	24 (17.9) @ 3000 (T4)	25.5 (19) @ 3200 (T4)	24.2 (17.8) @ 3200 (T4)	24 (17.9) @ 2500 (T4)
Displacement in <sup>3</sup> (cc)	61.5 (1007)	61.1 (1000)	68 (1114)	80.4 (1300)
PTO HP (kW)	19.3 (14.2)	19.5 (14.5)	18 (13.4)	16.7 (12.4)
PTO RPM	540 @ 2893	540 @ 3200	540 @ Not Published	540 @ Not Published
Mid PTO RPM	2130 @ 2875	2500 @ 3200	2100 @ Not Published	2000 @ Not Published
<b>TRANSMISSION</b>				
Type	HST - 2 range	HST - 2 range	HST - 2 range	HST - 2 range
Number of Speeds	Infinite	Infinite	Infinite	Infinite
<b>HYDRAULICS</b>				
Type	Open center, full live hydraulic with position control	Open center, full live hydraulic non position control	Open center, full live hydraulic with position control	Open center, full live hydraulic with position control
Total Pump Output, Main (gallons per minute)	4.5	6.2 (tot)	3.5	6.7
Total Pump Output, Steering (gallons per minute)	2.6	N/A	2.8	2.5
Lift Capacity (lbs.)	1320	1210	681 (24" aft)	1433
<b>OPERATING WEIGHT</b>				
Total (lbs.)	1540	1466	1444	1702
<b>DIMENSIONS</b>				
Overall Length Inches (mm)	102.4 (2600)	95.5 (2425)	104 (2641)	103.6 (2632)
Overall Width Inches (mm)	50.8 (1290)	44.5 (1130)	47.3 (1202)	46.9 (1165)
Overall Height Inches (mm)	89.7 (2278)	87.2 (2215)	86 (2184)	85.5 (2173)
<b>TIRES</b>				
Ag (Front / Rear)	6x12 / 9.5x16	18x8.5-10 / 26x12-12	N/A	N/A
Industrial (Front / Rear)	20x8-10 / 27x12.5-15	18x8.5-10 / 26x12-12	18x8.5-10 / 26x12-12	23x8.50-12 / 12-16.5
Turf (Front / Rear)	20x8-10 / 29x12.5-15	18x8.5-10 / 26x12-12	18x8.5-10 / 26x12-12	23x8.50-12 / 33x12-16.5
<b>LOADER</b>				
Model No.	EMAX 25L	LA243	D120	235TLA
Max Lift height (in)	75.3	71.3	71.2	80.7
Digging depth (in)	4.1	4.7	4	Not Published
Lift capacity to full height @ pivot pin (lbs)	900	745	825	1034
Breakout force @ pivot pin (lbs)	2000	992 (500mm forward)	1808	1672

# Mahindra eMax 25 HST

## Specification Charts

ENGINE	
Type	Four stroke, indirect injection water-cooled diesel
Cylinders	3
Engine HP (kW) @ rpm	24 (17.9) @ 3000
Compression Ratio	21:1
Displacement inch <sup>3</sup> (cc)	61.5 (1007)
Fuel Tank Capacity	6.1 gallons
ELECTRICAL	
Battery Capacity	12V 50AH
Alternator	12V 50A
CLUTCH	
Type	Single plate, dry
TRANSMISSION	
Type	HST - 2 ranges
Number of Gears / Speeds	Infinite
STEERING	
Type	Hydrostatic Power
Pump Output (gallons per minute)	2.6
BRAKES	
Type	Wet disc
HYDRAULIC SYSTEM	
Type	Open center, full live hydraulic
Pump Output (gallons per minute)	4.5
3-Point Linkage	Category 1, with check chains
Lift Capacity (lbs.)	1320
Rear Auxiliary Remote Valves	1 spool optional
PTO	
Type	Independent
PTO RPM (engine rpm)	540 @ 2893
Mid PTO RPM (engine rpm)*	2000 @ 2875
PTO HP (kW)	19.3 (14.2)
OPERATING WEIGHT	
Total (lbs.)	1540
DIMENSIONS with Ag Tires	
Overall Length Inches (mm)	102.4 (2600)
Overall Width Inches (mm)	50.8 (1290)
Overall Height Inches (mm)	89.7 (2278)
Turning Radius Minimum Feet (meters)	7.2 (2.2)
TIRES Sizes and Options	
Ag (Front / Rear)	6x12 / 9.5x16
Industrial (Front / Rear)	20x8-10 / 27x12.5-15
Turf (Front / Rear)	20x8-10 / 29x12.5-15

LOADER EMAX 25L	
Maximum Lift Height	75.3"
Clearance with Attachment Dumped	57.4"
Reach at eMaximum Height	24.9"
Maximum Dump Angle	38°
Attachment Rollback Angle	20°
Digging Depth Below Grade	4.1"
Lift Capacity to Full Height @ Pivot Pins	900
Breakout Force @ Pivot Pins	2000
Rated Flow (Tractor System)	4.6 gpm
Attachment Width	50"
Attachment Rated Capacity	5.3 ft <sup>3</sup>
Cycle Times @ rpm	2500
Raise Boom (seconds)	4.4
Lower Boom (seconds)	2.5
Dump Attachment (seconds)	5.3
Retract Attachment (seconds)	3.8
Transport Weight (lbs.)	507
BACKHOE	
BACKHOE MODEL	eMax 25B
TRANSPORT	
Transport Height (eMaximum)	70"
Transport Overhang	37"
Transport Weight (lbs.)	710
OPERATIONAL	
Maximum Digging Depth	76.3"
Digging Depth (2 Ft.) Flat Bottom	74.9"
Overall Operating Height - Fully Raised	104.8"
Loading Height (bucket at 60°)	62"
Loading Reach (bucket at 60°)	36"
Reach From Swing Post	102"
Bucket Rotation	180°
Swing Arc	150°
Stabilizer Spread Operating Position	74"
Stabilizer Down Below Grade	6"
System Relief Valve Setting (psi)	2000
Digging Force - Bucket (lbs.)	2145
Digging Force - Dipper (lbs.)	903



# Mahindra eMax™ 25 HST Cab

## Comparison Charts

TRACTOR MODEL	MAHINDRA EMAX 25	KUBOTA B2650	JOHN DEERE	NEW HOLLAND
<b>ENGINE</b>				
Cylinders	3	3		
Engine HP(kw) @ RPM (EPA Certification)	24 (17.9) @ 3000	26 (19.4) @ 2500 (T4)		
Displacement in³ (cc)	61.5 (1007)	77 (1261)		
PTO HP (kW)	19.3 (14.2)	19.5 (14.5)		
PTO RPM	540 @ 2893	540 @ 2500		
Mid PTO RPM	2130 @ 2875	2500 @ 2500		
<b>TRANSMISSION</b>				
Type	HST - 2 range	HST - 3 range		
Number of Speeds	Infinite	Infinite		
<b>HYDRAULICS</b>				
Type	Open centre, full live hydraulic	Open centre, full live hydraulic position control		
Total Pump Output, Main (gallons per minute)	4.5	5		
Total Pump Output, Steering (gallons per minute)	2.6	3.7		
Lift Capacity (lb.)	1320	2139		
<b>OPERATING WEIGHT</b>				
Total (lb.)	1870	2293		
<b>DIMENSIONS</b>				
Overall Length Inches (mm)	102.4 (2600)	103.9 (2640)		
Overall Width Inches (mm)	50.8 (1290)	33.7 (1365)		
Overall Height Inches (mm)	78.2 (1986)	84.6 (2150)		
<b>TIRES</b>				
Ag (Front / Rear)	6 x12 / 9.5x16	7-12 / 12.4-16		
Industrial (Front / Rear)	20x8-10 / 27x12.5-15	23x8.5-14 / 12.4-16		
Turf (Front / Rear)	20x8-10 / 29x12.5-15	24x8.5-14 / 13.6-16		
<b>LOADER</b>				
Model No.	EMAX 25L	LA534A		
Max Lift height (in)	75.3	84.6		
Digging depth (in)	4.1	Not published		
Lift capacity to full height @ pivot pin (lb.)	900	1146		
Breakout force @ pivot pin (lb.)	2000	2321		

# Mahindra eMax 25 HST Cab

## Specification Charts

### ENGINE

Type	Four stroke, indirect injection water-cooled diesel
Cylinders	3
Engine HP (kW) @ rpm	24 (17.9) @ 3000 (T4)
Compression Ratio	21:1
Displacement inch <sup>3</sup> (cc)	61.5 (1007)
Fuel Tank Capacity	6.1 gallons

### ELECTRICAL

Battery Capacity	12V 50AH
Alternator	12V 50A

### CLUTCH

Type	Single plate, dry
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### TRANSMISSION

Type	HST - 2 ranges
Number of Gears / Speeds	Infinite

### STEERING

Type	Hydrostatic Power
Pump Output (gallons per minute)	2.6

### BRAKES

Type	Wet disc
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### HYDRAULIC SYSTEM

Type	Open center, full live hydraulic
Pump Output (gallons per minute)	4.5
3-Point Linkage	Category 1, with check chains
Lift Capacity (lbs.)	1320
Rear Auxiliary Remote Valves	1 spool optional

### PTO

Type	Independent
PTO RPM (engine rpm)	540 @ 2893
Mid PTO RPM (engine rpm)*	2000 @ 2875
PTO HP (kW)	19.3 (14.2)

### OPERATING WEIGHT

Total (lbs.)	1870
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### DIMENSIONS with Ag Tires

Overall Length Inches (mm)	102.4 (2600)
Overall Width Inches (mm)	50.8 (1290)
Overall Height Inches (mm)	78.2 (1986)
Turning Radius Minimum Feet (meters)	7.2 (2.2)

### TIRES Sizes and Options

Ag (Front / Rear)	6x12 / 9.5x16
Industrial (Front / Rear)	20x8-10 / 27x12.5-15
Turf (Front / Rear)	20x8-10 / 29x12.5-15

### LOADER EMAX 25L

Maximum Lift Height	75.3"
Clearance with Attachment Dumped	57.4"
Reach at eMaximum Height	24.9"
Maximum Dump Angle	38°
Attachment Rollback Angle	20°
Digging Depth Below Grade	4.1"
Lift Capacity to Full Height @ Pivot Pins	900
Breakout Force @ Pivot Pins	2000
Rated Flow (Tractor System)	4.6 gpm
Attachment Width	50"
Attachment Rated Capacity	5.3 ft <sup>3</sup>
Cycle Times @ rpm	2500
Raise Boom (seconds)	4.4
Lower Boom (seconds)	2.5
Dump Attachment (seconds)	5.3
Retract Attachment (seconds)	3.8
Transport Weight (lbs.)	507