

mPOWER™ 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



Clear view electronic instrument cluster

Convenient 12V power source in cab

Tilt steering column

Deluxe air suspension seat standard

Reinforced steel fenders

Durable steel hood

Powerful, efficient inter-cooled turbo diesel

Shuttle shift transmission standard

Draft control standard

mPOWER 75 4WD

Dual rear remotes standard

mPOWER 75P 4WD Cab



mPOWER 85P Cab



Mahindra mPOWER™ 75

Comparison Charts

TRACTOR MODEL	MAHINDRA MPOWER 75	KUBOTA M7060	JOHN DEERE 5075E	NEW HOLLAND T4.75
ENGINE				
Cylinders	4	4	3	4
Engine HP(kw) @ RPM (EPA Certification)	74.4 (55.4) @ 2300 (T4)	71 (52.9) @ 2600 (T4)	75 (55) @ 2400 (T2)	74 (55.18) @ 2300 (T3)
Displacement in ³ (cc)	215.4 (3531.46)	203 (3331)	179 (2934)	195 (3200)
PTO HP (kW)	61 (45) max	64 (47.7)	61 (45.4)	63 (46.9)
PTO RPM	540 @ 2186	540 @ 2160	540 @ 2400	540 @ 2300
TRANSMISSION				
Type	Forward-Rev Synchro shuttle with full synchro mesh standard	Forward-Rev Synchro shuttle with full synchro mesh standard	Synch shuttle and non synch speed shifts	Forward/ rev synchronized shuttle with full synchro mesh
Number of Speeds	12F / 12R	8F / 8R	9x3	8F / 8R
HYDRAULICS				
Type	Open center, full live hydraulic with position and draft control	Open-center, full live hydraulic w/position control	Open-center, full live hydraulic w/position control	Open center, full live hydraulic with position and draft control
Total Pump Output (gallons per minute)	11	11	11.4	12.5
Total Pump Output Steering (gallons per minute)	5.2	6.1	6.8	7.3
Lift Capacity (lbs.)	5100	4200	3960	3664 (24" behind)
OPERATING WEIGHT				
Total (lbs.)	7100	5027	5070	5896
DIMENSIONS				
Overall Length Inches (mm)	162 (4116)	138 (3505)	137.8 (3500)	149.3 (3792)
Overall Width Inches (mm)	77.3 (1964)	73 (1860)	57.3 (1455) (to flanges)	75.7 (1922)
Overall Height Inches (mm)	94.5 (2400)	97.2 (2470)	96.8 (2459)	94.8 (2409)
TIRES				
Ag (Front / Rear)	11.2x24 / 16.9x30	9.5x24 / 16.9x308	9.5-24 / 16.9x28	11.2x24 / 16.9x30
Industrial (Front / Rear)	12.5 / 80x18 / 19.5Lx24	14x17.5 / 16.9-24	12.5/80-18 / 16.9-24	12.5/80-18 / 16.9x24 or 19.5L24
LOADER				
Model No.	75L	LA1153	553	655TL
Max Lift height (in)	132	132.7	122	126.3
Digging depth (in)	5	5.3	4	8.3
Lift capacity to full height @ pivot pin (lbs)	3460	2326 @ bucket center	3133	2478 (800mm forward)
Breakout force @ pivot pin (lbs)	5640	5354	5378	3732 (800mm forward)

Mahindra mPOWER 75

Specification Charts

ENGINE	
Type	Turbocharged, four-stroke, intercooled, Mahindra Common Rail Direct injection diesel
Cylinders	4
Engine HP (kW) @ rpm	74.4 [55.4] @ 2300
Compression Ratio	17.2:1
Displacement inch ³ (cc)	215.4 [3531.46]
Fuel Tank Capacity	19.3 gallons
ELECTRICAL	
Battery Capacity	12 volt, 96 amps
Alternator	12 volt, 55 amps
CLUTCH	
Type	Dual dry with ceremetallic lining
TRANSMISSION	
Type	Forward / Reverse synchro shuttle with full synchro mesh
Number of Gears / Speeds	12F / 12R
STEERING	
Type	Hydrostatic power with tiltable column
Pump Output (gallons per minute)	5.2
BRAKES	
Type	Wet disc
HYDRAULIC SYSTEM	
Type	Open center, full-flow hydraulic with position and draft controls
Pump Output (gallons per minute)	11
3-Point Linkage	Category 2 ball joints with telescopic lower links and stabilizers
Lift Capacity (lbs.)	5100
Rear Auxiliary Remote Valves	2 spool standard with detent type raise and lower with kickback and float position in front
PTO	
Type	Independent
PTO RPM (engine rpm)	540 @ 2186
PTO HP (kW)	61 [45.5] max
OPERATING WEIGHT	
Total (lbs.)	7100
DIMENSIONS with Industrial Tires	
Overall Length Inches (mm)	162 [4116]
Overall Width Inches (mm)	77.3 [1963]
Overall Height Inches (mm)	94.5 [2400]
Turning Radius Minimum Feet (meters)	13.1 [4]
TIRES Sizes and Options	
Ag (Front / Rear)	11.2x24 / 16.9x30
Industrial (Front / Rear)	12.5/80x18 / 19.5Lx24

LOADER 75L	
Maximum Lift Height	132"
Clearance with Attachment Dumped	106"
Reach at Maximum Height	26"
Maximum Dump Angle	39°
Attachment Rollback Angle	20°
Digging Depth Below Grade	5"
Lift Capacity to Full Height @ Pivot Pins	3460
Breakout Force @ Pivot Pins	5640
Rated Flow (Tractor System)	11 gpm
Attachment Width	78"
Attachment Rated Capacity	19 ft ³
Cycle Times @ rpm	2200
Raise Boom (seconds)	6.1
Lower Boom (seconds)	4.5
Dump Attachment (seconds)	5
Retract Attachment (seconds)	3.7
Transport Weight (lbs.)	1860
BACKHOE	
BACKHOE MODEL	75B / 85B
TRANSPORT	
Transport Height	93" / 106"
Transport Overhang	69" / 71"
Transport Weight (lbs.)	1425 / 1594
OPERATIONAL	
Maximum Digging Depth	116" / 133"
Digging Depth (2 Ft.) Flat Bottom	115" / 132"
Overall Operating Height - Fully Raised	154" / 173"
Loading Height (bucket @ 60°)	82" / 96"
Loading Reach (bucket @ 60°)	50" / 60"
Reach From Swing Post	153" / 173"
Bucket Rotation	180°
Swing Arc	180°
Stabilizer Spread Operating Position	95"
Stabilizer Down Below Grade	16"
System Relief Valve Setting (psi)	2500
Digging Force - Bucket (lbs.)	5676
Digging Force - Dipper (lbs.)	2754 / 3056

Mahindra mPOWER™ 75P

Comparison Charts

TRACTOR MODEL	MAHINDRA MPOWER 75P	KUBOTA M7060	JOHN DEERE 5075E	NEW HOLLAND T4.75
ENGINE				
Cylinders	4	4	3	4
Engine HP(kw) @ RPM (EPA Certification)	74.4 (55.4) @ 2300 (T4)	71 (52.9) @ 2600 (T4)	75 (55) @ 2400 (T2)	74 (55.18) @ 2300 (T3)
Displacement in ³ (cc)	215.4 (3531.46)	203 (3331)	179 (2934)	195 (3200)
PTO HP (kW)	61 (45.4) max	64 (47.7)	61 (45.4)	63 (46.9)
PTO RPM	540 @ 2186	540 @ 2160	540 @ 2400	540 @ 2300
TRANSMISSION				
Type	Forward-Rev Synchro shuttle with full synchro mesh standard	Forward-Rev Synchro shuttle with full synchro mesh standard	Synch shuttle and non synch speed shifts	Forward/ rev synchronized shuttle with full synchro mesh
Number of Speeds	12F / 12R	8F / 8R	9x3	8F / 8R
HYDRAULICS				
Type	Open center, full live hydraulic with position and draft control	Open-center, full live hydraulic w/position control	Open-center, full live hydraulic w/position control	Open center, full live hydraulic with position and draft control
Total Pump Output (gallons per minute)	11	11	11.4	12.5
Total Pump Output Steering (gallons per minute)	5.2	6.1	6.8	7.3
Lift Capacity (lbs.)	5100	4200	3960	3664 (24" behind)
OPERATING WEIGHT				
Total (lbs.)	7900	5470	5732	6172
DIMENSIONS				
Overall Length Inches (mm)	166 (4216)	138 (3505)	137.8 (3500)	149.3 (3792)
Overall Width Inches (mm)	81.43 (2067)	73 (1860)	57.3 (1455)	75.7 (1922)
Overall Height Inches (mm)	107.3 (2725)	101 (2565)	96.8 (2459)	94.8 (2409)
TIRES				
Ag (Front / Rear)	11.2x24 / 16.9x30	9.5x24 / 16.9x30	9.5-24 / 16.9x28	11.2x24 / 16.9x30
Industrial (Front / Rear)	12.5 / 80x18 / 19.5Lx24	14x17.5 / 16.9-24	12.5/80-18 / 16.9-24	12.5/80-18 / 16.9x24 or 19.5L24
LOADER				
Model No.	75PL	LA1153	553	655TL
Max Lift height (in)	132	132.7	122	126.3
Digging depth (in)	5	5.3	4	8.3
Lift capacity to full height @ pivot pin (lbs)	3460	2326 @ bucket center	3133	2478 (800mm forward)
Breakout force @ pivot pin (lbs)	5640	5354	5378	3732 (800mm forward)

Mahindra mPOWER 75P

Specification Charts

ENGINE	
Type	Turbocharged, four-stroke, intercooled, Mahindra Common Rail Direct injection diesel
Cylinders	4
Engine HP (kW) @ rpm	74.4 [55.4] @ 2300
Compression Ratio	17.2:1
Displacement inch ³ (cc)	215.4 [3531.46]
Fuel Tank Capacity	21.7 gallons
ELECTRICAL	
Battery Capacity	12 volt, 96 amps
Alternator	12 volt, 120 amps
CLUTCH	
Type	Dual dry with ceremetallic lining
TRANSMISSION	
Type	Forward / Reverse synchro shuttle with full synchro mesh
Number of Gears / Speeds	12F / 12R
STEERING	
Type	Hydrostatic power with tiltable column
Pump Output (gallons per minute)	5.2
BRAKES	
Type	Wet disc
HYDRAULIC SYSTEM	
Type	Open center, full-flow hydraulic with position and draft controls
Pump Output (gallons per minute)	11
3-Point Linkage	Category 2 ball joints with telescopic lower links and stabilizers
Lift Capacity (lbs.)	5100
Rear Auxiliary Remote Valves	2 spool standard with detent type raise and lower with kickback and float position in front
PTO	
Type	Independent
PTO RPM (engine rpm)	540 @ 2186
PTO HP (kW)	61 [45.5] max
OPERATING WEIGHT	
Total (lbs.)	7900
DIMENSIONS with Industrial Tires	
Overall Length Inches (mm)	166 [4216]
Overall Width Inches (mm)	81.4 [2067]
Turning Radius Minimum Feet (meters)	13.3 [4]
Overall Height to Top of Cab inches (mm)	108.2 [2747]
TIRES Sizes and Options	
Ag (Front / Rear)	11.2x24 / 16.9x30
Industrial (Front / Rear)	12.5/80x18 / 19.5Lx24

LOADER 75PL	
Maximum Lift Height	132"
Clearance with Attachment Dumped	106"
Reach at Maximum Height	26"
Maximum Dump Angle	39°
Attachment Rollback Angle	20°
Digging Depth Below Grade	5"
Lift Capacity to Full Height @ Pivot Pins	3460
Breakout Force @ Pivot Pins	5640
Rated Flow (Tractor System)	11 gpm
Attachment Width	78"
Attachment Rated Capacity	19 ft ³
Cycle Times @ rpm	2200
Raise Boom (seconds)	6.1
Lower Boom (seconds)	4.5
Dump Attachment (seconds)	5
Retract Attachment (seconds)	3.7
Transport Weight (lbs.)	1860

Cab Features

including, but not limited to -

- HVAC
- Wide opening doors
- Flat platform
- Pneumatic suspension seat
- Excellent headroom and visibility

Mahindra mPOWER™ 85

Comparison Charts

TRACTOR MODEL	MAHINDRA MPOWER 85	KUBOTA M8560	JOHN DEERE 5085E	NEW HOLLAND T4.85
ENGINE				
Cylinders	4	4	4	3
Engine HP(kw) @ RPM (EPA Certification)	83 (61.9) @ 2300 (T4)	85.5 (63.7) @ 2600 (T4)	85 (63.3) @ 2400 (T3)	83 (61.9) @ 2300 (T3)
Displacement in³ (cc)	215.4 (3531)	230 (3769)	276 (4500)	206 (3400)
PTO HP (kW)	70 (52.2)	76 (56.6)	70 (52.2)	70 (52.2)
PTO RPM	540 @ 2187, 1000 @ 2180	540 std @ 2205 (540E @ 1520) 1000 optional @ 2389	540/540E @ 2100/1646	540 @ Not Published / 1000 @ Not Published
TRANSMISSION				
Type	Forward-Reverse synchro shuttle w/full synchro mesh	Forward-Rev Synchro shuttle with full synchro mesh	Power reverser	Forward-Rev Synchro shuttle with full synchro mesh
Number of Speeds	12F / 12R	8F / 8R	12F / 12R	12F / 12R
HYDRAULICS				
Type	Open center, full live with position and draft control	Open center, full live with position and draft control	Open center, full live with position and draft control	Open center, full live with position and draft control
Total Pump Output, Main (gallons per minute)	16.17	15.9	22.5 (main & steering)	16.9
Total Pump Output Steering (gallons per minute)	5.3	6.1	Not Published	9.5
Lift Capacity (lbs.)	5500	5510	3595 (24" behind)	5620
OPERATING WEIGHT				
Total (lbs.)	7297	5400	7055	7451
DIMENSIONS				
Overall Length Inches (mm)	162 (4116)	148 (3760)	147.6 (3749)	158 (4036)
Overall Width Inches (mm)	77.3 (1963)	78 (1990)	Not Published	75.7 (1922)
Overall Height Inches (mm)	94.5 (2400)	100.2 (2545)	99.6 (2530)	102.1 (2594)
TIRES				
Ag (Front / Rear)	12.4x24 / 18.4x30	11.2x24 / 16.9-30	11L-15/480/80R30 / 12.4R24/480/80R31	14.9x24 / 18.4x33
Industrial (Front / Rear)	12.5/80x18 / 19.5Lx24	12.5/80-18 / 19.5Lx24	19.5L-24 / 12.5/80-18	12.5/80-18 / 19.5Lx24
LOADER				
Model No.	85L	LA1353A	553	655TL
Max Lift height (in)	134	145.7	122	134
Digging depth (in)	4.38	7.8	4	7
Lift capacity to full height @ pivot pin (lbs)	4100	2977	3133	2632 (800mm forward)
Breakout force @ pivot pin (lbs)	5830	6470	5537	4,455 (800mm forward)

Mahindra mPOWER 85

Specification Charts

ENGINE	
Type	Turbocharged, four-stroke, intercooled, Mahindra Common Rail Direct injection diesel
Cylinders	4
Engine HP (kW) @ rpm	83 (61.9) @ 2300 rpm
Compression Ratio	17.2:1
Displacement inch ³ (cc)	215.4 (3531.46)
Fuel Tank Capacity	19.28 gallons
ELECTRICAL	
Battery Capacity	12 volt, 96 amps
Alternator	12 volt, 55 amps
CLUTCH	
Type	Dual dry with ceremetallic lining
TRANSMISSION	
Type	Forward / Reverse synchro shuttle with full synchro mesh
Number of Gears / Speeds	12F / 12R
STEERING	
Type	Hydrostatic power with tiltable column
Pump Output (gallons per minute)	5.3
BRAKES	
Type	Wet disc
HYDRAULIC SYSTEM	
Type	Open center, full-flow hydraulic with position and draft controls
Pump Output (gallons per minute)	16.17
3-Point Linkage	Category 2 ball joints with telescopic lower links and stabilizers
Lift Capacity (lbs.)	5500
Rear Auxiliary Remote Valves	Standard 2 spool, 3rd optional with detent in raise, lower and float position. Kickback in raise and lower.
PTO	
Type	Independent
PTO RPM (engine rpm)	540 @ 2187; 1000 @ 2180
PTO HP (kW)	70 (52.2)
OPERATING WEIGHT	
Total (lbs.)	7297
DIMENSIONS with Industrial Tires	
Overall Length Inches (mm)	162 (4116)
Overall Width Inches (mm)	77.3 (1963)
Overall Height Inches (mm)	94.5 (2400)
Turning Radius Minimum Feet (meters)	13.1 (4)
TIRES Sizes and Options	
Ag (Front / Rear)	12.4x24 / 18.4x30
Industrial (Front / Rear)	12.5/80x18 / 19.5Lx24

LOADER 85L	
Maximum Lift Height	134"
Clearance with Attachment Dumped	102.5"
Reach at Maximum Height	31.75"
Maximum Dump Angle	54°
Attachment Rollback Angle	24°
Digging Depth Below Grade	4.38"
Lift Capacity to Full Height @ Pivot Pins	4100
Breakout Force @ Pivot Pins	5830
Rated Flow (Tractor System)	17 gpm
Attachment Width	84"
Attachment Rated Capacity	21 ft ³
Cycle Times @ rpm	2300
Raise Boom (seconds)	6.2
Lower Boom (seconds)	4.1
Dump Attachment (seconds)	3.2
Retract Attachment (seconds)	2.52
Transport Weight (lbs.)	2060
BACKHOE	
BACKHOE MODEL	75B/85B
TRANSPORT	
Transport Height	93" / 106"
Transport Overhang	69"/71"
Transport Weight (lbs.)	1425 / 1595
OPERATIONAL	
Maximum Digging Depth	116" / 133"
Digging Depth (2 Ft.) Flat Bottom	115" / 132"
Overall Operating Height - Fully Raised	154" / 173"
Loading Height (bucket @ 60°)	82" / 96"
Loading Reach (bucket @ 60°)	50" / 60"
Reach From Swing Post	153" / 173"
Bucket Rotation	180°
Swing Arc	180°
Stabilizer Spread Operating Position	95"
Stabilizer Down Below Grade	16"
System Relief Valve Setting (psi)	2500
Digging Force - Bucket (lbs.)	5676
Digging Force - Dipper (lbs.)	2754 / 3056

Mahindra mPOWER™ 85P

Comparison Charts

TRACTOR MODEL	MAHINDRA MPOWER 85P	KUBOTA M8560	JOHN DEERE 5085E	NEW HOLLAND T4.85
ENGINE				
Cylinders	4	4	4	3
Engine HP(kw) @ RPM (EPA Certification)	83 (61.9) @ 2300 (T4)	85.5 (63.7) @ 2600 (T4)	85 (63.3) @ 2400 (T3)	83 (61.9) @ 2300 (T3)
Displacement in ³ (cc)	215.4 (3531.46)	230 (3769)	276 (4500)	206 (3400)
PTO HP (kW)	70 (52.2)	76 (56.6)	70 (52.2)	70 (52.2)
PTO RPM	540 @ 2187, 1000 @ 2180	540 std @ 2205 (540E @ 1520) 1000 optional @ 2389	540/540E @ 2100/1646	540 @ Not Published / 1000 @ Not Published
TRANSMISSION				
Type	Forward-Reverse synchro shuttle w/full synchro mesh	Forward-Rev Synchro shuttle with full synchro mesh	Power reverser	Forward-Rev Synchro shuttle with full synchro mesh
Number of Speeds	12F / 12R	8F / 8R	12F / 12R	12F / 12R
HYDRAULICS				
Type	Open center, full live with position and draft control	Open center, full live with position and draft control	Open center, full live with position and draft control	Open center, full live with position and draft control
Total Pump Output (gallons per minute)	16.17	15.9	22.5 (main & steering)	16.9
Total Pump Output Steering (gallons per minute)	5.3	6.1	Not Published	9.5
Lift Capacity (lbs.)	5500	5510	3595 (24" behind)	5620
OPERATING WEIGHT				
Total (lbs.)	8177	6680	7937	8333
DIMENSIONS				
Overall Length Inches (mm)	165.9 (4216)	148 (3760)	147.6 (3749)	159.4 (4049)
Overall Width Inches (mm)	81.4 (2068)	78 (1990)	64.6 (1641)	75.7 (1922)
Overall Height Inches (mm)	108.2 (2748)	100.2 (2545)	99.6 (2530)	102.5 (2603)
TIRES				
Ag (Front / Rear)	12.4x24 / 18.4x30	11.2x24 / 16.9-30	11L-15/480/80R30 / 12.4R24/480/80R31	14.9x24 / 18.4x33
Industrial (Front / Rear)	12.5/80x18 / 19.5Lx24	12.5/80-18 / 19.5L-24	19.5L-24 / 12.5/80-18	12.5/80-18 / 19.5L-24
LOADER				
Model No.	85PL	LA1353A	553	665TL
Max Lift height (in)	134	145.7	122	134
Digging depth (in)	4.38	7.8	4	7
Lift capacity to full height @ pivot pin (lbs)	4100	2977	3133	2632 (800mm forward)
Breakout force @ pivot pin (lbs)	5830	6470	5537	4,455 (800mm forward)

Mahindra mPOWER 85P

Specification Charts

ENGINE	
Type	Turbocharged, four-stroke, intercooled, Mahindra Common Rail Direct injection diesel
Cylinders	4
Engine HP (kW) @ rpm	83 (61.9) @ 2300 rpm
Compression Ratio	17.2:1
Displacement inch ³ (cc)	215.4 (3531.46)
Fuel Tank Capacity	21.7 gallons
ELECTRICAL	
Battery Capacity	12 volt, 96 amps
Alternator	12 volt, 120 amps
CLUTCH	
Type	Dual dry with ceremetallic lining
TRANSMISSION	
Type	Forward / Reverse synchro shuttle with full synchro mesh
Number of Gears / Speeds	12F / 12R
STEERING	
Type	Hydrostatic power with tiltable column
Pump Output (gallons per minute)	5.2
BRAKES	
Type	Wet disc
HYDRAULIC SYSTEM	
Type	Open center, full-flow hydraulic with position and draft controls
Pump Output (gallons per minute)	16.17
3-Point Linkage	Category 2 ball joints with telescopic lower links and stabilizers
Lift Capacity (lbs.)	5500
Rear Auxiliary Remote Valves	Standard 2 spool, 3rd optional with detent in raise, lower and float position. Kickback in raise and lower.
PTO	
Type	Independent
PTO RPM (engine rpm)	540 @ 2187; 1000 @ 2180
PTO HP (kW)	70 (52.2)
OPERATING WEIGHT	
Total (lbs.)	8177
DIMENSIONS with Industrial Tires	
Overall Length Inches (mm)	165.9 (4215.9)
Overall Width Inches (mm)	81.4 (2067.6)
Turning Radius Minimum Feet (meters)	13.92 (4.24)
Overall Height to Top of Cab inches (mm)	108.2 (2748.2)
TIRES Sizes and Options	
Ag (Front / Rear)	12.4x24 / 18.4x30
Industrial (Front / Rear)	12.5/80x18 / 19.5Lx24

LOADER 85PL	
Maximum Lift Height	134"
Clearance with Attachment Dumped	102.5"
Reach at Maximum Height	31.75"
Maximum Dump Angle	54°
Attachment Rollback Angle	24°
Digging Depth Below Grade	4.38"
Lift Capacity to Full Height @ Pivot Pins	4100
Breakout Force @ Pivot Pins	5830
Rated Flow (Tractor System)	17 gpm
Attachment Width	84"
Attachment Rated Capacity	21 ft ³
Cycle Times @ rpm	2300
Raise Boom (seconds)	6.2
Lower Boom (seconds)	4.1
Dump Attachment (seconds)	3.2
Retract Attachment (seconds)	2.5
Transport Weight (lbs.)	2060

Cab Features

including, but not limited to -

- HVAC
- Wide opening doors
- Flat platform
- Pneumatic suspension seat
- Excellent headroom and visibility