

# 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

**Mahindra**  
Rise.

# HEAVY-DUTY PERFORMANCE AND POWER - mPOWER Series

Introducing a new standard of high horsepower tractors with Mahindra Common Rail Diesel (mCRD) Fuel Injection Engines. Available in open- station and Cab models. mCRD is more fuel efficient and meets emission standards at a lower cost, keeping more money in your pocket. Mahindra mPOWER with mCRD technology is your answer for innovative, eco-friendly and fuel efficient high performance.

## Key Features:

- mCRD means no DPF (diesel particulate filter)
- mCRD™ technology Interim Tier IV Emission compliant engine (mPOWER 85/85P)= Cleaner emissions and Eco-friendly engine
- 4 Cyl. 83 hp engine 70 hp PTO = Heavy duty to help you push more, pull more and lift more
- Operating weight 7100-8177 lbs = Best-in-class operating weight for more built in traction, stability and control for a safer operating environment
- 12F / 12R synchro shuttle with full synchro mesh = Choose the right gear at any time for your heavy-duty applications
- Hydrostatic Power Steering and Independent 540 RPM and 1,000 RPM PTO
- Tilt steering, clear-view instrument cluster and easy to use ergonomic controls
- Powerful headlamps and plenty of work lights ensure you can keep working long after the sun goes down
- Easy entry and exit access with comfortable mounting step, hand grip and flat platform
- 3 point lift capacity 5100-5500 lbs\* = Best in class
- Loader lift capacity 3460-4100 lbs\* = Best in class



Engine - left side view



Lighting system



Platform



Dash panel

- Turbocharged, intercooled
- Easily accessible engine
- Tier IV compliant (mPOWER 75/75P)
- Dual Speed PTO on 8560 models

- Sleek & powerful headlamps
- Additional halogen lamps
- Rear work light

- Hand grip for secure mounting
- Comfortable mounting step
- Flat platform for easy access

- Tiltable Steering
- Ergonomic controls
- Clear view electric instrument cluster

# 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



**mPOWER 75P  
4WD Cab**



**mPOWER 85P Cab**



## 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



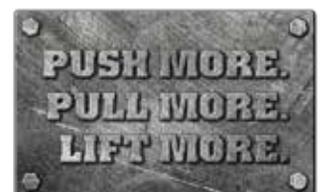
# TRACTOR ATTACHMENTS

TRACTOR	mPOWER 75	mPOWER 85	mPOWER 75P	mPOWER 85P
<b>LOADER</b>	75 L	ML283/85L	75 L	ML285/85PL
Maximum Lift Height	132"	134"	132"	134"
Clearance with Attachment Dumped	106"	102.5"	106"	102.5"
Reach at Maximum Height	26"	31.75"	26"	31.75"
Maximum Dump Angle	39°	54°	39°	54°
Attachment Rollback Angle	20°	24°	20°	24°
Digging Depth Below Grade	5"	4.38"	5"	4.38"
Lift Capacity to Full Height @ Pivot Pins	3460	4100	3460	4100
Breakout Force @ Pivot Pins	5640	5830	5640	5830
Rated Flow (Tractor System)	11 gpm	17 gpm	11 gpm	17 gpm
Attachment Width	78"	84"	78"	84"
Attachment Rated Capacity	19 cu. ft.	21 cu. ft.	19 cu. ft.	21 cu. ft.
Cycle Times @ rpm	2200 rpm	2300 rpm	2200 rpm	2300 rpm
Raise Boom (seconds)	6.1	6.2	6.1	6.2
Lower Boom (seconds)	4.5	4.1	4.5	4.1
Dump Attachment (seconds)	5	3.2	5	3.2
Retract Attachment (seconds)	3.7	2.52	3.7	2.5
Transport Weight (lbs.)	1860	2060	1860	2060
<b>BACKHOE MODEL</b>	75B/85B		N/A	
<b>TRANSPORT</b>				
Transport Height	106"		N/A	
Transport Overhang	69"/71"		N/A	
Transport Weight (lbs.)	1425/1594		N/A	
<b>OPERATIONAL</b>				
Maximum Digging Depth	133"		N/A	
Digging Depth (2 Ft.) Flat Bottom	132"		N/A	
Digging Depth (8 Ft.) Flat Bottom	119"		N/A	
Overall Operating Height - Fully Raised	173"		N/A	
Loading Height (bucket @ 60°)	96"		N/A	
Loading Reach (bucket @ 60°)	60"		N/A	
Reach From Swing Post	173"		N/A	
Bucket Rotation	180°		N/A	
Swing Arc	180°		N/A	
Stabilizer Spread Operating Position	95"		N/A	
Stabilizer Down Below Grade	16"		N/A	
System Relief Valve Setting	2500		N/A	
Digging Force - Bucket (lbs.)	5676		N/A	
Digging Force - Dipper (lbs.)	3056		N/A	

## Cab Features

including, but not limited to -

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



# TRACTOR SPECIFICATIONS

TRACTOR	mPOWER 75 VNE 471		mPOWER 85 VNE 479		mPOWER 75P VNE 471		mPOWER 85P VNE 479	
<b>ENGINE</b>								
Type	Turbocharged, four stroke intercooled, Mahindra Common Rail Direct injection diesel				Turbocharged, four stroke intercooled, Mahindra Common Rail Direct injection diesel			
Cylinders	4				4			
Engine HP (kW) @ rpm	74.4 [55.4] @ 2300 rpm		83 [61.9] @ 2300 rpm		74.4 [55.4] @ 2300 rpm		83 [61.9] @ 2300 rpm	
Compression Ratio	17.2:1				17.2:1			
Displacement inch <sup>3</sup> (cc)	215.4 (3531.46)				215.4 (3531.46)			
Cylinder Sleeve	Wet replaceable				Wet replaceable			
Fuel Tank Capacity (gallons)	19.3		19.28		21.7		21.7	
<b>ELECTRICAL</b>								
Battery Capacity	12 volt, 96 amps				12 volt, 96 amps			
Alternator	12 volt, 55 amps				12 volt, 120 amps			
<b>CLUTCH</b>								
Type	Dual dry with ceremetallic lining				Dual dry with ceremetallic lining			
<b>TRANSMISSION</b>								
Type	Forward/Reverse synchro shuttle with full synchro mesh				Forward/Reverse synchro shuttle with full synchro mesh			
Number of Gears / Speeds	12F / 12R				12F / 12R			
<b>STEERING</b>								
Type	Hydrostatic power with tiltable column				Hydrostatic power with tiltable column			
Pump Output (gallons per minute)	5.2		5.3		5.2		5.2	
<b>BRAKES</b>								
Type	Wet disc				Wet disc			
<b>HYDRAULIC SYSTEM</b>								
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		16.17		11		16.17	
3-Point Linkage	Category 2 ball joints with telescopic lower links and stabilizers				Category 2 ball joints with telescopic lower links and stabilizers			
Lift Capacity (lbs.)	5100		5500		5100		5500	
Rear Auxiliary Remote Valves	2 spool standard with detent type raise and lower with kickback and float position in front		Standard 2 spool, 3rd optional with detent in raise, lower and float position. Kickback in raise and lower.		2 spool standard with detent type raise and lower with kickback and float position in front		Standard 2 spool, 3rd optional with detent in raise, lower and float position. Kickback in raise and lower.	
<b>PTO</b>								
Type	Independent				Independent			
PTO RPM (engine rpm)	540 @ 2186		540 @ 2187; 1000 @ 2180		540 @ 2186		540 @ 2187; 1000 @ 2180	
PTO HP (kW)	61 [45.5] max		70 [52.2]		61 [45.5] max		70 [52.2]	
<b>OPERATING WEIGHT</b>								
Total (lbs.)	7100		7297		7900		8177	
<b>DIMENSIONS with Ag Tires</b>								
Overall Length Inches (mm)	162 (4116)				166 (4216)			
Overall Width Inches (mm)	77.3 (1963)				81.4 (2067)			
Turning Radius Minimum Feet (meters)	13.1 (4)				13.3 (4)			
Overall Height to Top (top of Cab) inches (mm)	94.5 (2400)				108.2 (2747)			
<b>TIRES Sizes and Options</b>								
Ag (Front / Rear)	11.2x24 / 16.9x30		12.4x24 / 18.4x30		11.2x24 / 16.9x30		12.4x24 / 18.4x30	
Industrial (Front / Rear)	12.5/80x18 / 19.5Lx24				12.5/80x18 / 19.5Lx24			

Specifications and design subject to change without notice.