

Mahindra

7000/8000 SERIES

85 - 100 HP Tractors

MORE POWER, PERFORMANCE & VALUE



WORLD'S #1 SELLING TRACTOR

Mahindra

**TOUGHEST
TRACTORS
ON EARTH**

5 YEAR

LIMITED POWERTRAIN

WARRANTY

SEE MAHINDRA WARRANTY POLICY FOR DETAILS

7000 SERIES

8000 SERIES

NO DIESEL PARTICULATE FILTER

- Eliminates lost time, maintenance, and high heat for better overall comfort

LIFT MORE

- Highest loader lift capacity in its class to get more done in less time

mCOMFORT™ SEAT

- Industry-leading comfort and support with eye catching appeal
- Cabs come standard with a mComfort Air Ride seat reducing operator fatigue further and increasing productivity

540E PTO

- Economy PTO setting allows for less fuel consumption and lower noise levels in light PTO work

EPST

- Standard 15x15 Electronic Power Shuttle allows for the widest speed range in class

540/1000 PTO

- Standard dry sump (no mess) design allows operators to run a wide range of implements and increase productivity

BUILT STRONG

- Heaviest standard weight, and longest wheelbase in its class means outstanding durability and excellent operator comfort



MAHINDRA ADVANTAGE

ENGINE

PISTON PACK HAS 2 COMPRESSION AND 1 OIL CONTROL RING

- Minimizes oil consumption and provides better fuel-air mixing for improved in-cylinder combustion efficiency

PISTON IS BUILT OF HIGH STRENGTH COMPOSITES

- Withstands high thermal and mechanical loading of engine

FORGED HIGH STRENGTH STEEL CONNECTING ROD

- Provides superior strength for increased durability

BIMETAL BEARING DESIGN

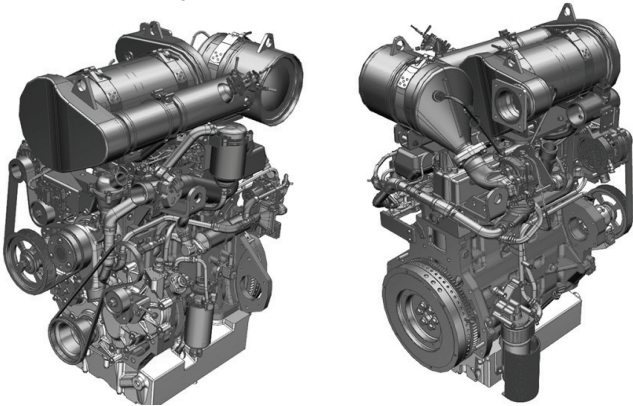
- Excels in fatigue strength, wear resistance, and high operating temperatures

CRANKSHAFT DESIGN IS OF FORGED HIGH ALLOY STEEL

- Hardening process allows for high mechanical loading and increased cylinder pressures

EV-SCR TECHNOLOGY

- Utilizes Extruded Vanadium SCR catalyst technology with a patented mixer design
- A platinum coated zone in the SCR acts as a catalyst to reduce NH₃ emissions



MAJOR ADVANTAGES:

- High NOx reduction from SCR
- Less EGR use and better fuel consumption
- More tolerant to sulphur contamination
- Low maintenance and more operator comfort
- Low overall running costs

COMMON RAIL DIESEL TECHNOLOGY (mCRD)

- Provides precise control of fuel injectors
- Utilizes a well-proven Bosch system specifically designed for off-highway applications
- ECU (Electronic Control Unit) controls the entire fuel injection system
- Gear driven pump delivers high pressure fuel to the common rail



MAJOR BENEFITS:

- Ensures constant pressure during entire injection
- Substantial reduction in combustion noise due to multiple injections
- Fuel efficiency improvement with Tier IV final emission compliance

COOLED EXHAUST GAS RECIRCULATION (EGR)

- Wastegate Turbocharger
- Efficiently boosts pressure across entire operating range for maximum power and efficiency

MAJOR ADVANTAGES:

- EGR valve on hot side ensures no sticking during winter conditions
- The high efficiency EGR cooler significantly reduces NOx emissions
- Provides optimum air/fuel ratio



MAHINDRA ADVANTAGE

mCOMFORT™ SEAT

- Designed and manufactured in the U.S. with industry-leading comfort and support
- Retractable seat belt for greater operator ease of use
- Foldable armrest and recline feature to suit each operator's own preference
- Vinyl covering on open station model for excellent durability in the elements
- Standard adjustable mechanical suspension (7085 only)
- Cloth covering on cab models with standard adjustable air ride suspension



7085 Open Station



Cab Models

MAHINDRA ADVANTAGE

CAB

- Flat deck and ergonomic operator platform
- Spacious and comfortable cab with standard heater and air conditioning
- Wide opening doors on left and right
- Excellent visibility to loader
- Standard rear-view mirrors on left and right side
- Front window wiper is standard (optional rear)
- USB charging port for easy mobile device charging
- Optional buddy seat (for cab only)



MAHINDRA ADVANTAGE

TRANSMISSION

7000 SERIES

- Electronic Power Shuttle with 15 forward and 15 reverse speed options
- 5 gears in each of 3 ranges allows for excellent productivity

8000 SERIES

- Electronic Power Shuttle with 12 forward and 12 reverse speed options
- 4 gears in each of 3 ranges allows for excellent productivity in heavy-duty applications

Offers best-in-class versatility for utility farm work

Smooth engagement in either direction in any range

Electro-hydraulic left hand power reverse knob is excellent for loader work





MAHINDRA ADVANTAGE

PTO & 3-POINT HITCH

7000 SERIES

PTO

- Independent PTO with electro hydraulic activation for easy use
- Lever for engagement for 540E PTO is conveniently located to left of the operators seat and is standard equipment
- Low 1,993 RPM engine speed for standard 540 PTO or 1,470 RPM for 540E PTO operation for lower fuel usage

3-POINT HITCH & HYDRAULIC:

- Completely new hydraulic system with best in class 5,730 lbs. of lift capacity
- Over 16 GPM of implement pump flow available to power implements quickly
- 2 standard hydraulic remote outlets with a 3rd valve option
- Standard Cat 2 compatible 3-Point with telescopic flexible links
- Easy to adjust 3-Point hitch stabilizers hold implements firmly in place
- Standard draft control for better productivity

8000 SERIES

PTO

- Independent PTO

540/1000 PTO

- Dry sump design allows easy flipping of shaft with no mess

3-POINT HITCH & HYDRAULIC:

- Completely new hydraulic system with 5,500 lbs. of lift capacity
- Over 17 GPM of implement pump flow available to power implements quickly
- 2 standard hydraulic remote outlets with a 3rd valve option
- Standard Cat 2 compatible 3-Point with telescopic flexible links
- Easy to adjust 3-Point hitch stabilizers hold implements firmly in place
- Standard draft control for better productivity



MAHINDRA ADVANTAGE

LOADER

- Standard skid steer style coupling system for ultra-fast attach/detach of loader implements
- New valve allows operator to perform two loader functions at a time, such as raise and level
- Casted bracket components allow a precision fit to the loader
- Forged and casted bucket cylinder linkages improves appearance and performance
- Heavy-duty grill guard to protect your investment
- Optional Hydraulic Self-Leveling
- Optional 3rd function valve

U-FLEX JOYSTICK WITH (2) INTEGRATED BUTTONS:

- Disable Hydraulic Self-Leveling (*if equipped*)
- Enables 3rd function (*if equipped*)

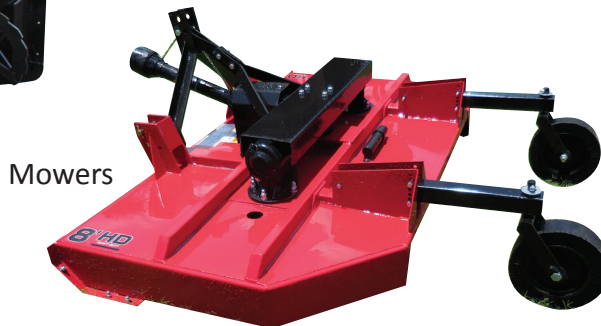
SPECIFICATIONS	7095L/CL 8100 CL
Maximum Lift Height (in.)	139
Digging Depth (in.)	8.75
Lifting Capacity to Full Height at Pivot Pin (lbs.)	4,200
Breakout Force (lbs.)	6,050
Shipping Weight (lbs.)	2,100



Rear Blade



Snow Blower



Mowers



4-in-1 Bucket



Disc Mower



Box Blade

MAHINDRA ADVANTAGE IMPLEMENTS

MAHINDRA OFFERS A HUGE SELECTION OF PERFORMANCE MATCHED IMPLEMENTS TO HELP YOU ACCOMPLISH ANY TASK YOU WISH TO TACKLE

- Mowers
- Post Hole Diggers
- Bale Spear
- Box Blade
- Grapple Bucket
- Disc Mower
- Rear Blade
- 4-in-1 Bucket
- Trencher
- Snow Blower
- Rock Bucket
- Plus much more...

MAHINDRA ADVANTAGE SPECIFICATIONS

	7085	7095	8090	8100
Operator Station	Open Station		Cab	
ENGINE:				
Engine HP @ 2300 RPM	85	95	91.5	100
Type	Four stroke, turbocharged, intercooled, Direct Common rail injection, water cooled diesel Engine, comply with US Tier-4 norms			
Displacement (in ³)	215.4			
Exhaust System	DOC & SCR			
Number of Cylinders	4			
Fuel Tank (gal.)	23.7		25.1	
DEF Tank (gal.)	5.3			
TRANSMISSION:				
Type	Full Synchro mesh w/ Forward/Reverse			
Range	Power Shuttle & Constant Mesh Range			
No. of Speed	15 - Forward, 15 - Reverse		12 - Forward, 12 - Reverse	
POWER TAKE OFF:				
Type	540/540E		540 / 1000, Single Lever Independent	
PTO HP	73	83	75	82
HYDRAULICS:				
Type	Open Center with Position and Draft control, with isolator & response control valve, adjustable lift rods, Telescoping Stabilizers & Flexible Lower Links			
Lift Capacity (lbs.)	5,730		5,500	
Total Pump Output, Main (GPM)	16		17	
Total Pump Output, Steering (GPM)	5		5.2	
Hydraulic Outlets	2 - Double Spool valves with integrated float (3rd optional)			
3 Point Linkage	CAT 2			
DIMENSIONS:				
Drive Setup	4WD			
Overall Height to Top of Cab (in.)	105	115	111.2	
Overall Length (in.)	167		176.6	
Overall Width (in.)	80.7		83	
Tires (Ag)	Front 12.4x24 Bias Rear 18.4x30 Bias	Front 12.4x24 Radial Rear 18.4x30 Radial	Front 12.4x24 Bias Rear 18.4x30 Bias	Front 12.4x24 Radial Rear 18.4x30 Radial
Weight (lbs.)	7,450	8,380	8,587	8,696
Wheelbase (in.)	94.5		95.6	

mCRD

NO
DPF



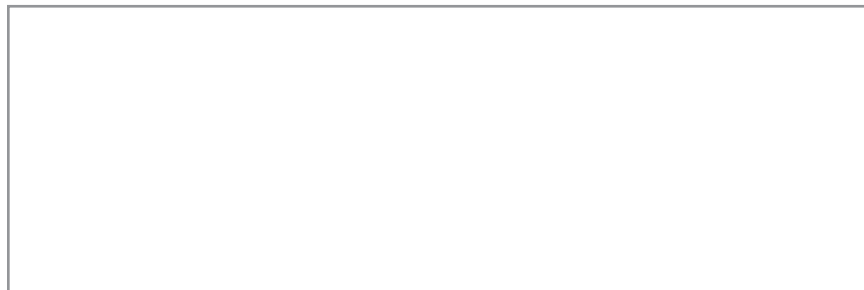


We have tripled the size of our parts operation to a 120,000 square foot warehouse, which currently offers more than 40,000 items. The expansion supports and fuels our growth from order placement to shipment with same or next day shipment on all orders. In addition, the Mahindra Parts Catalog System offers 24/7 look-up and order online or via mobile app. Our product range includes spare parts for tractors, attachments and utility vehicles, plus numerous competitive items, such as lubricants, fuel additives, chemicals, anti-freeze, canopies, glopower, oil & filter service packs, radios and hitch parts.



2003 DEMING APPLICATION PRIZE 2007 JAPAN QUALITY MEDAL

The Deming Application Prize is considered the Nobel Prize for manufacturing, the farming equipment sector of Mahindra & Mahindra received the honor for establishing Total Quality Management in all business operations in 2003. Mahindra was awarded the Japan Quality Medal for excellence in 2007 for customer focus, overall quality, and business processes - the first tractor company to receive the honor.



For more information, go to:
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