

Mahindra

**OFFICIAL
TRACTOR
OF TOUGH™**



"I recommended Mahindra to my son-in-law and neighbor. Now they both have one." — **Phil Blausen**, Greenville, PA

5100
SERIES

45-55 HP
ENGINE

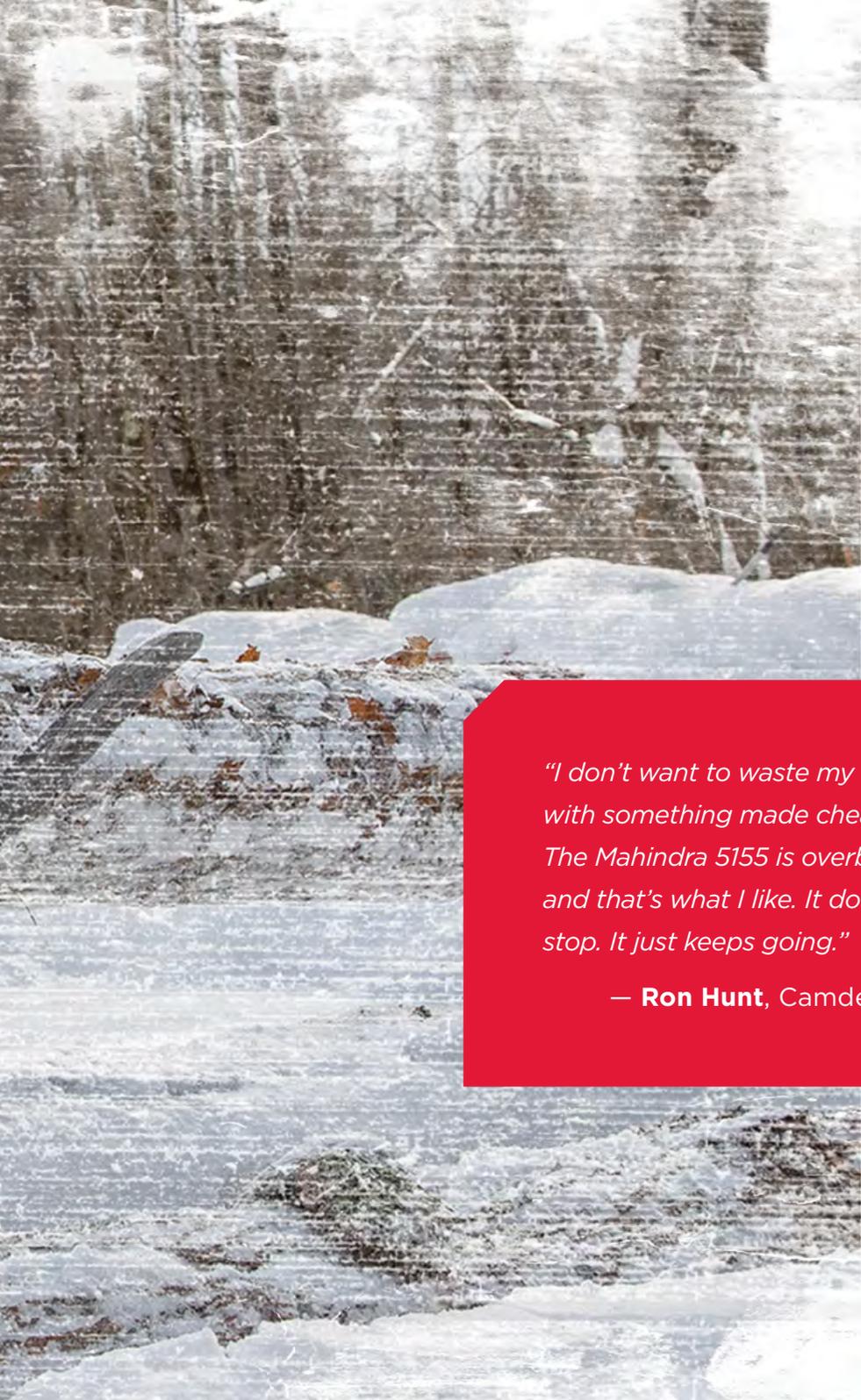
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WHEEL DRIVE

3,100 LB.
LOADER LIFT

3,748 LB.
3-PT LIFT

5-YEAR
WARRANTY





"I don't want to waste my time with something made cheap. The Mahindra 5155 is overbuilt, and that's what I like. It doesn't stop. It just keeps going."

— **Ron Hunt**, Camden, NY

Our customers spoke, we listened, and then we engineered. Introducing the Mahindra 5100 Series — a tractor easily operated by a first-time user but built heavy-duty to tackle the harshest environments. It's ideal for customers who demand comfort, performance, and versatility at a great value. Ultimately, this commercial-grade utility tractor should be in a class all by itself.

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4A



EASY ENTRY We added a two-step ladder (4A) for smaller operators. And we cleared the floor path so getting in and out of the tractor is a cinch.



4B

NEAR-FLAT PLATFORM We engineered our operator platform (4B) with the lowest hump possible. Our near-flat floor reduces the tripping hazard and provides maximum real estate for your feet when seated. Our tractor comes with an anti-slip rubber floor mat — standard — too.

TOUGH ON THE OUTSIDE. FRIENDLY ON THE INSIDE.

Typically, engineers organize tractor operator stations. We chose a different path. We gleaned our ideas from actual users — our customers — to reimagine the Mahindra 5100 Series interior comfort for superior usability and efficiency.





mCOMFORT SEAT First, we didn't skimp by using a lawnmower seat. Nor did we ignore details like tractor vibration. Instead, we created the industry's most innovative chair (5A) ever, including contoured lower and upper seat cushions, integrated armrests, and forward and backward adjustable legroom. Plus, it comes with a soft-coil suspension to help prevent fatigue on those long days and a retractable seatbelt for added safety.



SIDE IGNITION Tractor operators are prone to knee-bumping their keys on front-facing ignitions. We addressed the problem with a simple solution, moving ours (5B) to the side.

TILT, POWER-ASSISTED STEERING Our power-assisted tilt-steering (5C) reduces arm fatigue, improves driver control, and enhances dashboard visibility. Also, the steering wheel absorbs vibrations to make driving more like an automotive experience.



5C

SUPERIOR DRINK HOLDER Our bolted-down drink holder (5D) is made to accommodate most cup sizes with a well that's deep enough to prevent your beverage from spilling. It's conveniently positioned beside and slightly in front of the driver, unobstructed by the operator controls, too.



FLAT TOP FENDERS Narrow or rounded fenders are thoughtless. Our fenders (5E) are wide to eliminate mud sling and flat to add storage space for useful items like a toolbox, chain saw, and a radio.

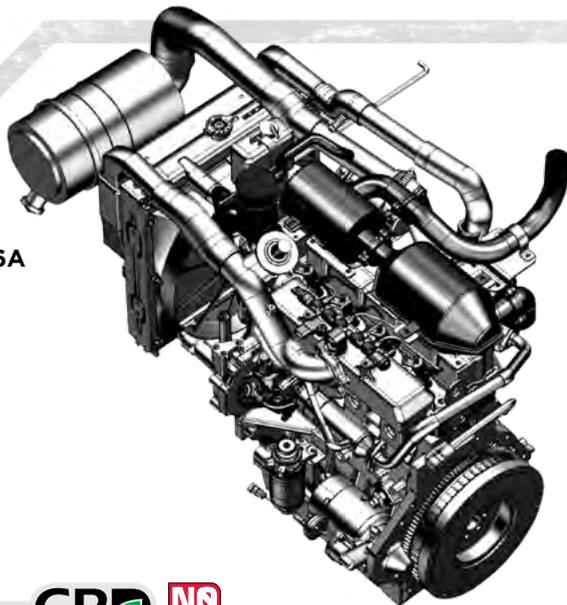


ADVANCED ENGINE TECHNOLOGY Mahindra's state-of-the-art, Common Rail Diesel (CRD) engine (6A) results from a \$30 million engineering investment. Our eco-friendly, 4-cylinder, fuel-injected powertrain guarantees:

- Efficient engine performance,
- High power output at low RPMs
- Superior PTO horsepower
- Reduced fuel consumption
- Strong warranty

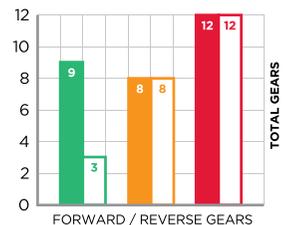
Also, the engine removes the need for a Diesel Particulate Filter (DPF). Therefore, you experience:

- **No regen downtime**
- **Fewer parts to replace**
- **Quieter operation**
- **No squandered warranty hours**
- **No wasted fuel**



6A

STANDARD TRANSMISSION GEARING
MAHINDRA, THE BEST TRACTOR FOR LOADER WORK



■ FORWARD GEARS ■ REVERSE GEARS

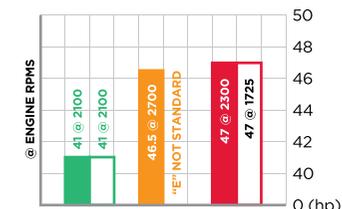
BEST-ALL-AROUND STANDARD TRANSMISSION

Our synchromesh transmission comes standard with 12 forward and 12 reverse gears. It allows the operator to select more speeds, making it hands down the best-all-around tractor for fast, front loader work.

“The Mahindra 5145 has the smoothest transmission I’ve ever seen. It’s like a synchronized car. You can upshift or downshift wherever you are and at any time. It has high, medium, and low gears, so you can adjust to any speed and power you want.”

— Phil Blausler, Greenville, PA

STANDARD PTO HORSEPOWER
WE OFFER 540 & 540E MODES STANDARD!



■ 540 STANDARD ■ 540 ECONOMY STANDARD

BEST-ALL-AROUND PTO Our engine technology provides superior PTO horsepower when compared to Deere® or Kubota®. What’s more, we include “E” economy mode standard to help you save on fuel. Bottom line, we offer the best-all-around PTO solution among market leaders.

QUICK-CONNECT LOADER ATTACHMENTS

It takes only a few seconds to attach a Mahindra bucket, blade, forks, or bale spears with our skid-steer like connections. (6B)



6B

GO-ANYWHERE 4WD The Mahindra 5100 Series 4-wheel-drive tractors quickly plow through snow, mud, and flooded fields. Heavy front axles boost stability, making loader work safer and faster. They add counterweight when using 3-point implements, too.

WE WORK WHILE OTHERS TAKE BREAKS.

The Mahindra 5100 Series 4-wheel tractors keep performing until you decide to call it a day. Every day. Mahindra tractors don't take regen-downtime. The 3-point PTO comes standard with CAT 1 and CAT 2 connectors and can run in 540 and 540E modes. Loaders have quick-connect attachments. Simply, we offer the only one-size-fits-all tractor built not to take breaks.



HEAVY-DUTY, HEAVY-WEIGHT Our base model, with agriculture or industrial tires, is rock-solid at 5390 lb. Attach a front loader, and this 6,690 lb 4WD tractor becomes an unstoppable beast.

CONNECT MORE IMPLEMENTS Our high-powered Category 1 & 2 PTO (7A) increases access to dozens of 3-point, CAT 1 & CAT 2 implements.

**0%
REGEN.
100%
PRODUCTIVITY.**

BEST-ALL-AROUND UPTIME Ever hopped onto a tractor to take care of a job, only to have your tractor kick into “regen mode”? That stalls production between 15 - 45 minutes (depending on the brand) and equates to hours of lost productivity year-over-year. Not to mention you'll get burned on regen parts replacement, lost warranty hours, and needless fuel consumption.

Our mCRD engine is advanced, eliminating the need for a diesel particulate filter (DPF), so you'll significantly reduce the cost of ownership and improve productivity.



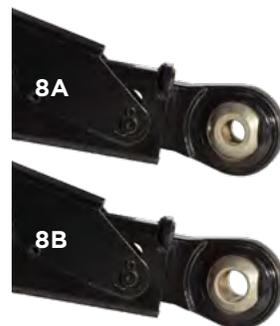
A HEAVY-LIFTING JACK OF ALL TRADES.

We envisioned the Mahindra 5100 Series to be versatile. Both come with front & rear hydraulics, built-in CAT 1 and CAT2 connectors for attaching to dozens of 3-point implements, and have front and rear clevis hitches for pushing or pulling attachments. You can easily add an optional rear backhoe and front end loader, too. They excel in the harshest environments and are ideal for:

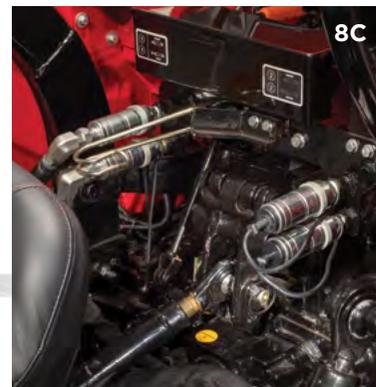
- Ag Farmers
- Landscapers
- Ground Maintenance
- Livestock Farmers
- Hobby Farmers
- Municipalities
- Hunt Clubs
- Nurseries
- Land Owners
- Orchards
- Ranchers



VERSATILE 3-POINT HITCH You'll be able to connect to dozens of implements and take on any task with our ball-pivot CAT I (8A) & CAT II (8B) connectors with telescopic stabilizers & flex links.



HYDRAULICS The 5100 Series comes with one remote valve for powering your attachments. Add an optional second rear valve (8C) for complex attachments like a backhoe.





9A

BACKHOE OPERATOR STATION No more awkward turning from the driver's seat. Instead, we've added a relaxing forward-facing station (9A) that puts you in absolute control of your bucket list.



9B

DIG DEEP WITH OPTIONAL BACKHOE Recontour any landscape in no time with our backhoe (9B), which includes an 18-inch bucket, a dig force of almost 2-tons, and a dig depth of more than 9 feet.

CLEVIS HITCHES Our clevis hitches are great for pulling or pulling attachments like trailers, spreaders, and finish mowers. For added safety, the rear hitch (9C) has a redundant spring-loaded locking pin in addition to the lower ring pin. We also offer an optional front-mounted hitch (9D), which is uncommon for a tractor this size.



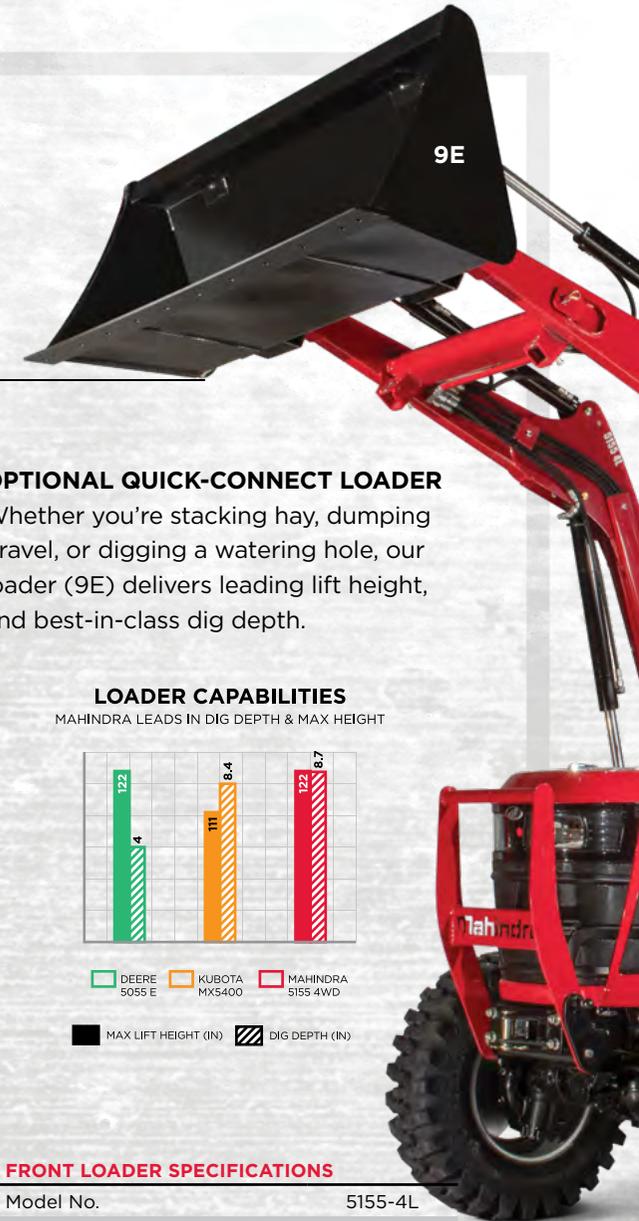
9C



9D

BACKHOE SPECIFICATIONS

Model No.	65B
Standard Bucket Size (in)	18
Maximum Dig Depth (in)	112
Dig Depth 2' Flat Bottom (in)	110
Dig Force Bucket (lb)	3895
Dig Force Dipper (lb)	2358
Shipping Weight (lb)	1100



9E

122 in

120

110

100

90

80

70

60

50

40

30

20

10

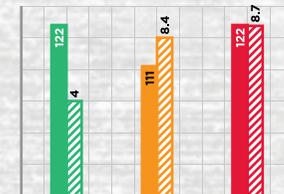
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OPTIONAL QUICK-CONNECT LOADER

Whether you're stacking hay, dumping gravel, or digging a watering hole, our loader (9E) delivers leading lift height, and best-in-class dig depth.

LOADER CAPABILITIES

MAHINDRA LEADS IN DIG DEPTH & MAX HEIGHT



DEERE 5055 E KUBOTA MX5400 MAHINDRA 5155 4WD
 ■ MAX LIFT HEIGHT (IN) ▨ DIG DEPTH (IN)

FRONT LOADER SPECIFICATIONS

Model No.	5155-4L
Max Lift height (in)	122
Digging depth (in)	8.7
Full Height Lift capacity (lb) ⁽¹⁾	3100
Breakout force (lb) ⁽¹⁾	5200

IMPLEMENT YOUR PLAN WITH MAHINDRA.

The Mahindra 5100 Series tractor gives you access to dozens of implements, thanks to its beefy 4WD powertrain, capable PTO power in both 540 standard and 540-economy modes, and CAT 1 & CAT 2 connectors. This is a one-tractor-fits-all.

See our implement brochures for a more extensive lineup of Mahindra 5100 Series attachments.



Pallet Forks



Bale Spears



Augers



Blades



Disc Harrows



Box Scrapers



Rotary Cutters



Finish Mowers



Snow Blowers



Rake Grapples

"I use my Mahindra daily in my monument business. At my home, I haul round bales, brush hog fields, pickup timber from the woods, operate a log-splitter, and snowplow the driveway."

— **Ron Hunt**, Camden, NY



GET MORE WITH MAHINDRA.

You get so much more with a Mahindra. Not just the things you immediately recognize, but the things you can easily overlook. Like a leading warranty. A best-in-class engine that eliminates downtime. The best overall transmission for loader work. The best all-around PTO for connecting dozens of CAT1 and CAT2 implements. Front and rear hitches for pulling and pushing attachments. The most comfortable operator station. And great safety features that protect you and your investment.

STRONG WARRANTY Our 5-year, 3000-hour limited powertrain warranty is legendary. Think about the value of not paying for parts and labor for 5-years or 3000 hours, whichever comes first.

SAFETY We put a lot of value in tractor safety. A few examples, all made standard, include:

- A retractable seat belt,
- Headlights and taillights,
- A ladder with climbing grab rail,
- Roll-over Protective Structure (ROPS),
- Metal hood to protect the engine,
- Ground-level fuel tank, and
- 4-wheel brakes.

OPTIONAL CANOPY TOP

Our reinforced canopy top (12A) easily connects to the ROPS. It protects the operator from rain, snow, and falling front loader debris.

OPTIONAL WORK LIGHTS Adjustable work lights (13A) improve visibility when using implements in low light or dark-thirty.

"I dropped a thousand-pound monument on my hood. The hood took a licking, but the engine kept on ticking."

— Ron Hunt, Camden, NY





5 YEAR
LIMITED POWERTRAIN
WARRANTY
SEE MAHINDRA WARRANTY POLICY FOR DETAILS.

FUEL TANK LOCATION

Refilling a fuel tank high atop the engine is time consuming, back-breaking, and can lead to spills. We solved all these issues by lowering ours (13B) to a comfortable refill height, near ground level protected by the tractor's frame.

FRONT BUMPER LEVER For hood clearance and quick access to the engine, we added a pull (13C) to hinge the bumper forward.

EASY MAINTENANCE We provide easy engine access for self-servicing. Like a truck, pull a spring-loaded pin (13D) to unlatch the hood and a tether to close it.

METAL HOOD While many competitors use plastic hoods, we chose to make ours from metal (13E) to better protect the engine.



“The backhoe attachment is phenomenal. It’s easy to get in and out of the seat. And it’s built tougher than it has to be.”

— **Ron Hunt**, Camden, NY

ENGINE**5145 4WD****5155 4WD**

Type	Four-stroke, Naturally Aspirated, Direct Injection, Water Cooled Diesel Engine	Four-stroke, Turbocharged, Direct Injection, Water Cooled Diesel Engine
Engine HP (kw) @ RPM*	45 @ 2300	55 @ 2300
Displacement (in ³ / cc)	166.2 / 2723	
Number Of Cylinders	4	4
Bore / Stroke (in)	3.78 / 4.8	
Fuel Tank Size (gal / L)	17.1 / 64.7	

DRIVETRAIN

Transmission	Full Synchromesh with forward/reverse sychro shuttle & constant mesh range
Number of Speeds	12F / 12R
Clutch	Dual Dry with Cerametallic Lining
Brakes	Fully-enclosed, 7-in Diameter, Dry Disc

PTO

Type	Independent
PTO RPM @ Engine RPM	540 @ 2300 / 540E @ 1725
PTO HP (kW) @ Engine RPM	38 @ 2300 47 @ 2300

HYDRAULICS

Type	Open center; Adjustable lower links with stabilizer
Total Pump Output, Main (gallons per minute)	8.71
Total Pump Output, Steering (gallons per minute)	4.62
3-point Hitch	CAT I & II w/ Telescopic Stabilizers & Flex Links
Lift Capacity (lb)	3748

ELECTRICAL

Battery	12-volt; 925 CCA
Alternator	12-volt; 55 amp

DIMENSIONS

Overall Length (in / mm)	136.6 / 3470	
Overall Width (in / mm)	74.8 / 1900	
Overall Height (in / mm)	60.6 / 1540	
Wheelbase (in / mm)	77.9 / 1979	
Minimum ground Clearance (in / mm)	15.2 (385)	16.4 (435)
Turning Radius (in / mm)	10.8 (3.29)	
Weight (lb / kg)	5390 / 2445	

WHEELS & TIRES

Ag (Front / Rear)	9.5 x 20 / 14.9 x 28	
Industrial (Front / Rear)	10.5/80x18 / 16.9 X 24	

*EPA Certification

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