

**CASE II**  
AGRICULTURE

# MAGNUM™

SERIES TRACTORS











## AGRONOMICALLY DESIGNED FOR THE CHALLENGES AHEAD.

9 Models | 180–380 HP\* | 200–435 Max Boosted HP\*\*

THE ULTIMATE MIX OF HORSEPOWER AND FUEL EFFICIENCY TO HANDLE TOUGH CONDITIONS.

### EFFICIENT POWER FOR THE WAY YOU FARM.

Today's implements continue to ask more from you and your tractor. Case IH listened and applied innovative technologies to give you more power, more efficiency and a better operator experience. Magnum series tractors combine class-leading horsepower with proven SCR-only emissions technology for optimum power and fuel efficiency. Advanced Farming Systems give you accurate precision tools for a boost in productivity. And, Magnum tractors are agronomically designed to minimize compaction for maximum production. In the face of growing challenges, Magnum series tractors help you achieve High-Efficiency Farming.

### MAGNUM SERIES TRACTORS

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\*180–240 HP @ Rated 1,800 rpm & 250 – 380 HP @ Rated 2,000 rpm

\*\*@ Rated 1,800 rpm ISO/ECE R120







# EFFICIENT POWER. MORE PRODUCTIVITY. STRAIGHTFORWARD OPERATION.

Case IH Magnum tractors have power to handle tough conditions and to do it economically — minimizing your operating costs. These tractors are designed to help maximize profits, with straightforward service and a robust design for more reliability. Efficient power — ready to perform in any situation.



## SIMPLICITY.

Innovation that makes each job easier.

- LED lighting provides better visibility during night operation, especially with wider implements.
- End-of-row step switch on the MultiFunction Handle can default as autoguidance engagement and provides end-of-row operations.
- Radio offers Bluetooth® and SiriusXM® capability.
- 4-way suspended cab gives a smooth, comfortable ride, enabling longer working hours.
- CVXDrive controls help peak efficiency, regardless of operator experience.

## PRODUCTIVITY.

Get more done with more traction and fewer inputs.

- Hydraulic pump options, up to 75 gpm, meet the hydraulic requirements of larger planters at reduced engine speeds for better fuel economy.
- Efficient Power: Patented SCR-only technology allows engines to produce industry-leading power and torque with less fuel with and no engine regeneration.
- PowerDrive and unique 4-range CVXDrive™ transmission options maximize available power by increasing mechanical efficiency. (For more, see pages 16–17.)

## INTEGRATED PRECISION.

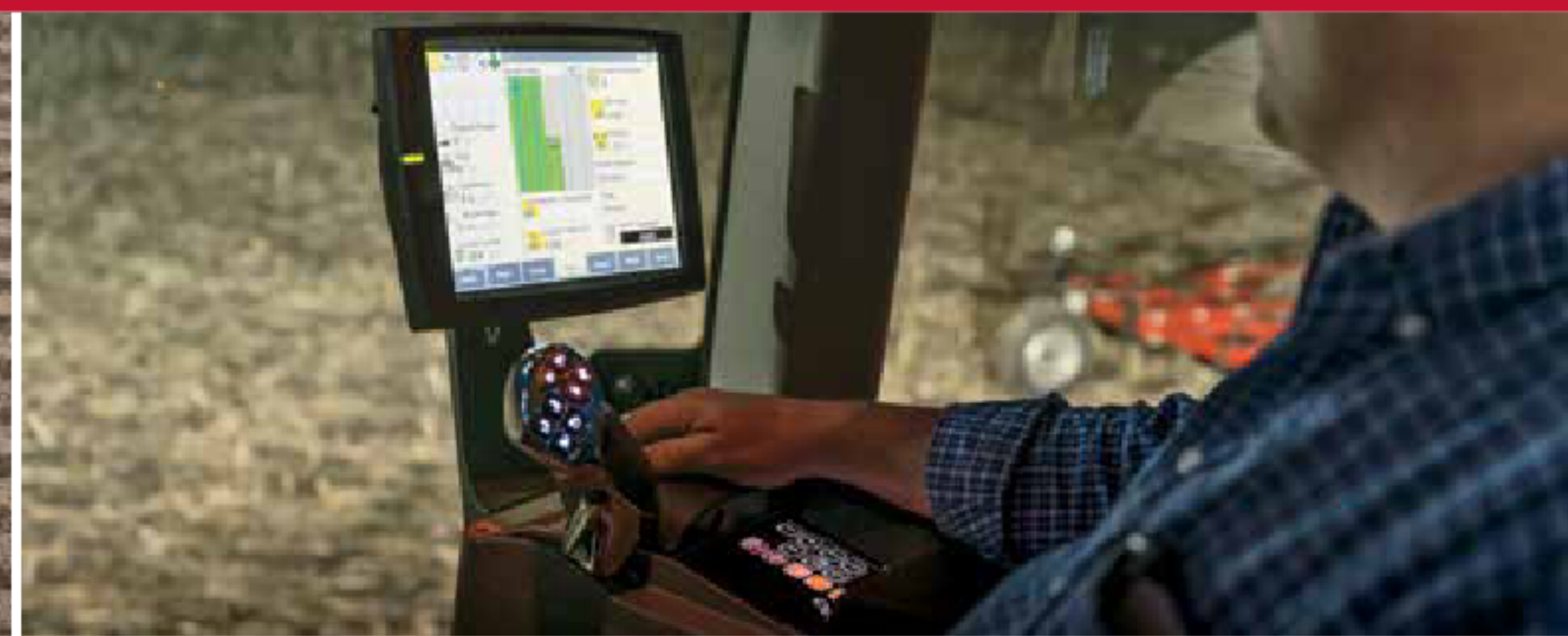
Single interface for machine monitoring and management.

- AFS Connect™ telematics integrates seamlessly with Magnum tractors.
- Complimentary 1-year AFS Connect advanced subscription for all Model Year 2019 and 2020 models.
- Fully-integrated AFS Pro 700 display on MultiControl Armrest provides interface for tractor and implement control.
- Optional AFS AccuTurn™ automated-headland turning improves turn accuracy and reduces operator fatigue. (For more, see pages 6–7.)



# A SIMPLE AUTOGUIDANCE SYSTEM, FROM FACTORY TO FIELD.

Factory-installed AFS components, including AFS AccuGuide™ autoguidance, offer dependability and convenience. Integrating AFS with the tractor at the Case IH plant ensures a higher level of quality. And without the need for additional component installation, the tractor arrives closer to field-ready when it gets to the dealer. Producers also benefit from the added capability of using the AFS Pro 700 display with third-party implements. The AFS Pro 700 is compatible with all Case IH equipment. Autoguidance and other precision technologies simplify work, and getting AFS technology on the Magnum series tractor is just as easy.



## MAGNUM TRACTORS AND AFS — INNOVATION ENGINEERED FOR PERFORMANCE.

- Standard in Magnum tractors, the **Advanced Steering system with Advanced Guidance Line Acquisition** provides 20 percent faster and smoother line acquisition for better engagement that results in more precise end-of-row turns and reduced overlap.
- Every Magnum tractor comes factory-equipped with telematics hardware to tap into leading cellular RTK networks using NTRIP cellular guidance correction or 2-way data transfer. This allows producers to transmit data via a wireless connection to the AFS Connect portal and/or link with a supported agronomic software provider via AFS Connect Data Sharing.
- **Optional AFS AccuTurn™ automated headland turning** provides hands-free, automatic and repeatable turns for increased productivity. Whether navigating square or irregular fields, AFS AccuTurn automatically controls the entire headland-turning process with industry-leading path-planning logic that pays off throughout the growing season.

## PRECISION COMPONENTS THAT MATCH THE WAY YOU FARM.

With the **AFS Pro 700 display**, you benefit from added capabilities with minimal complexity. It is a one-stop shop for total machine and implement control.

- Easy to read in daylight and adjusts for night visibility.
- Features a large screen with more computing power than its predecessor.
- **Single touch-screen display** provides control functionality and simple integration for not only the tractor autoguidance, but Case IH Early Riser® planters, Precision Disk™ air drills and Precision Air™ carts, AFS AccuControl third-party controlled implements and ISOBUS-compliant implements, just to name a few.

*"We've got operators that aren't the best on the ends of the fields and can't get lined up. It's just one of those tools that makes that operator be an A-plus operator."*

— Randall Reiman  
Alberta, Canada







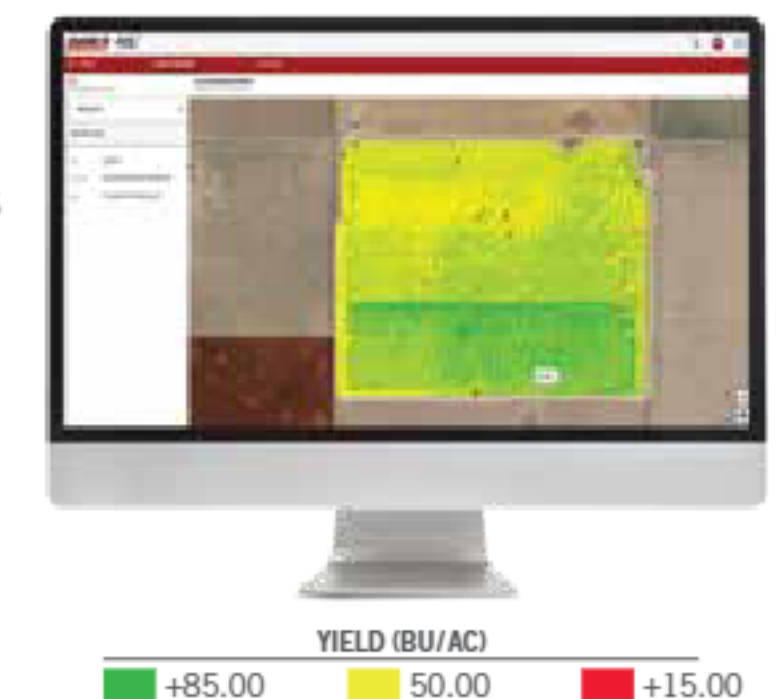
## STRAIGHT. IDENTICAL. REPEATABLE. AFS ACCUGUIDE.

This is what a producer expects an autoguidance system to deliver. And **AFS AccuGuide does**. In addition to production accuracy and efficiency, it also adds up to less stress and fatigue at the end of the day.

- **Eliminate the guesswork of row spacing** by ensuring each row is identical, meaning fewer end-of-row turns and overlaps.
- Maintain perfectly straight and repeatable rows, even in reverse, with sub-inch accuracy.
- Control traffic patterns and decrease compaction from overlapping passes — benefits that bring higher yields.
- Magnum tractors offer the **industry's first full autoguidance system in reverse**, perfect for irregular-shaped fields and point rows.
- Case IH offers numerous correction signals at various price points to cater to each operation's needs.

## SOFTWARE THAT HELPS ANALYZE PRODUCTION.

- **Gather and visualize data for better agronomic insights.**
  - View every field operation, from spring tillage all the way through harvest. AFS Connect brings together data from multiple machines working in one field.
  - Satellite maps help you visualize multiple layers of agronomic data. For example, if you notice a yield dip in certain spots across a field, you can quickly check a field's history, identify potential causes, and then use that background to make more informed agronomic decisions.
- **Push guidance lines and prescriptions to equipment remotely.**
  - From a single location, you can provide operators with only necessary field information they need to get up and running.
  - Share field setup details, such as guidance lines, boundaries and prescription, to multiple pieces of equipment at a time.
  - Satellite or street view lets you choose the view that best suits your needs.





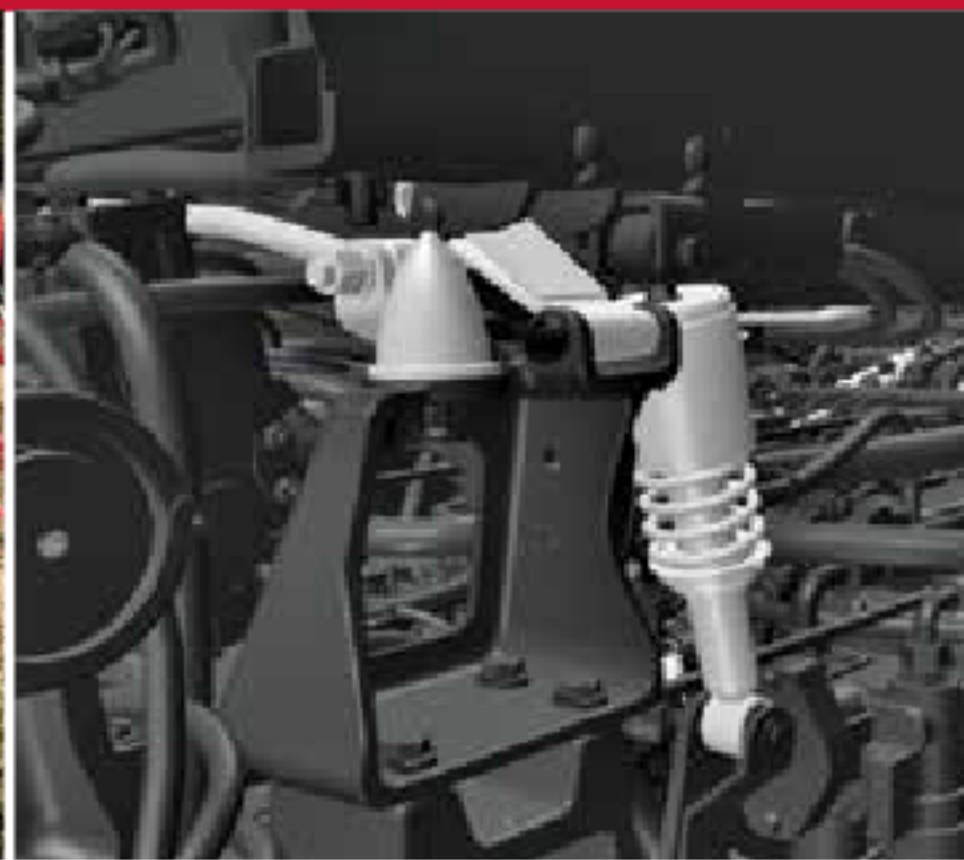
# WORK COMFORTABLY, IN ANY CONDITION.

Case IH Magnum series tractors feature a cab that allows greater comfort while in the seat, and engineering that stabilizes your ride, reducing shaking and bumping in rough terrain.



## WORKING INTO THE NIGHT REQUIRES SUPERIOR LIGHTING.

Magnum tractors offer 360-degree visibility with a combination of LED and HID lights, for 24/7 visibility around the tractor and implements.



## WORK LONGER AND STRONGER WITH THE 4-WAY SUSPENDED CAB.

The simple, adjustable suspension in a Case IH Magnum Surveyor™ cab stabilizes front-to-back and up-and-down motions. It gives you a smoother ride whether on the road or in uneven terrain, for reduced operator fatigue and increased productivity.



## MULTICONTROL ARMREST SIMPLIFIES CONTROLS.

Adjust your speed, gears and direction without even raising your elbow. The Case IH MultiControl Armrest, with MultiFunction handle and AFS Pro 700 display, puts 85% of the controls operators use most at your fingertips.

## MAGNUM CVXDRIVE DELIVERS AT ANY SPEED FROM 0–32 MPH.

The CVXDrive automatically selects the most efficient transmission range for the desired speed up to 32 mph, eliminating the need for manual clutching or shifting. The simplicity of Case IH CVXDrive technology makes it ideal for less experienced operators to maintain peak efficiency. There's no breaking traction during shifting, giving you smooth operation in all field conditions and applications – from planting and hay baling to harvesting, hauling and transport.





- A** Left-hand cab storage area
- B** Instructional seat
- C** Luxury carpeted floormat enhances operator environment

- D** Heated and ventilated seat with extendable/retractable lower seat cushion
- E** AFS Pro 700 display

- F** MultiControl armrest
- G** Air filtration and auto climate control (not shown)

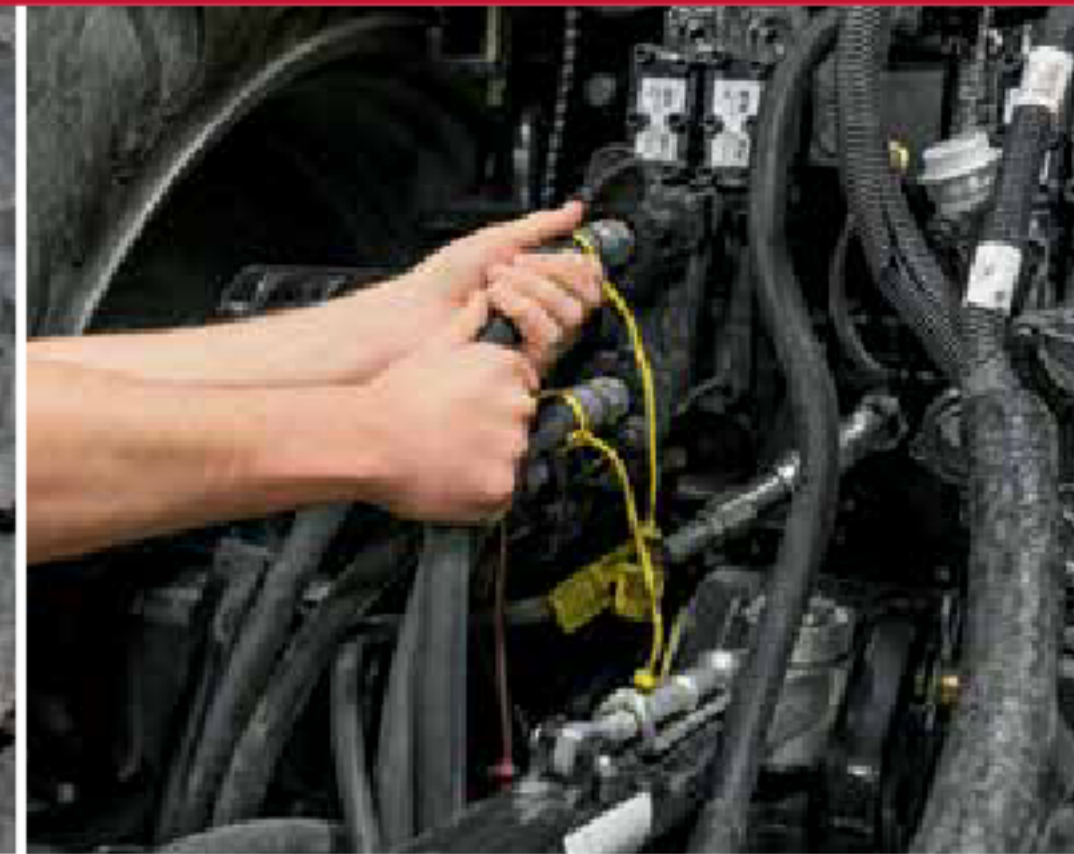






# POWER AND PERFORMANCE TO DEPEND ON.

Producers are working to be efficient, putting in the hours and doing what it takes to keep their operations running smoothly. Their tractors should do the same. Case IH Magnum series tractors combine power and dependable components with industry-leading design. That means less downtime and more productivity — and the job gets done right.



## HANDLE MORE IMPLEMENTS.

On model 250 to 380 Magnums you have the option of specifying a factory installed front hitch and PTO, giving you the ability to handle more 3-point implement applications. The front PTO is designed to provide better alignment of the PTO to the implement.

## SUSPENSION THAT DELIVERS THE MOST POWER TO THE GROUND.

Keeping all your tires on the ground is crucial for stability and efficient performance from your tractor. The Magnum's front-axle suspension ensures that tires stay perpendicular to the ground for stability, traction and control over rough terrain. And that means a better ride at higher speeds. The simple design keeps you from bouncing and jarring in the cab. The solid construction minimizes the number of moving parts, which means fewer service requirements.

## STRONG, VERSATILE HYDRAULICS.

Hydraulic flow is essential to operation of most high performance implements, especially planters and seeding equipment. Magnum tractors feature up to 75 gpm hydraulic flow so you can run at lower engine rpm for increased fuel efficiency without compromising operational performance.

## SAVE BRAKES AND TRANSMISSION.

The Magnum 250, 280, 310, 340 and 380 have an optional engine brake for better control of larger implements in the field and on the road. It uses the compression of exhaust gas within the engine to slow the tractor, saving wear on brake pads and helping to reduce operating costs. Control the engine brake by engaging the engine brake button on the right armrest. When the engine brake is activated, and the difference between the commanded and actual engine speed exceeds a set threshold, software automatically activates the brake.



# MAGNUM FAMILY TRACTORS.

Today's powerful lineup of Magnum series tractors is engineered to make your job easier and more productive, allowing you to keep up with the demands of farming. Delivering an impressive 155 to 315 PTO horsepower, there's a Magnum tractor perfectly suited to your needs. They have improved horsepower curves for better low-end performance and more fuel capacity for longer run times. With three configurations to choose from, there's a Magnum built to handle whatever conditions you face. And now, get a 3 year/2,000 hour warranty on model year 2019 and model year 2020 Magnum series tractors.



## WHEELED.

In a high-horsepower row crop tractor, you demand efficiency for maximum productivity. With reliable power, advanced hydraulics and an industry-best turning radius, no job is too tough.

## ROWTRAC.

When traction and agronomic advantages are essential to your operation, Magnum Rowtrac™ tractors are the right choice. They provide fixed-frame configuration, turn like a traditional tractor and feature the same traction and flotation as all Case IH track systems.

## SCRAPER.

Most Magnum models are equally at home on construction jobsites pulling scrapers for land-leveling, site prep and general earthmoving. Magnum models, 250, 280, 310, 340, and 380, are easily configurable to handle heavier loads encountered in scraper applications.

| MODEL                  | 310                                | 340 | 380 |
|------------------------|------------------------------------|-----|-----|
| Available Row Spacing  | 20", 22", 30", 34", 36", 38" & 40" |     |     |
| Available Track Widths | 16", 18", 21", 24" & 30"           |     |     |

\* Case IH exclusive.







# MAGNUM DELIVERS POWER TO THE GROUND. SEASON AFTER SEASON.

The powertrain inside Magnum tractors generates everything you need to produce more – and eliminates unnecessary technology you don't need. It includes an engine that's passed every test and challenge, delivering industry-leading Efficient Power through Selective Catalytic Reduction (SCR)-only technology. A full powershift transmission makes the most of every day with ultra-smooth shifting and power transfer for maximum productivity. Diesel Saver™ Auto Productivity Management (APM) allows maximum fuel efficiency by managing the engine RPM and transmission speed.

## PROVEN PERFORMANCE WITH SCR-ONLY TECHNOLOGY. ■

The Case IH patented SCR-only technology reduces exhaust emissions without power-robbing add-ons that throttle back performance. The simple design actually improves the engine's ability to produce unrestricted power. And SCR-only technology uses fewer moving parts for unmatched reliability and easier serviceability.

## IMPROVED AIR INTAKE. ■

The Magnum 250–380 air intake system has been redesigned to improve air flow and extend air filter cleaning intervals in dirty operating environments. The air intake position has been optimized to allow dirty air to flow around the tractor and provide clean and cooler air to be taken into the engine filter.

## AXLES BUILT FOR A BETTER RIDE. ■

Case IH MFD front axle with saddle suspension improves productivity through better traction. Front duals improve power to the ground and reduce compaction.







### ■ MAKE YOURSELF COMFORTABLE.

The quiet Surveyor cab with 109 cu. ft. of space and optional cab suspension provide a comfortable work environment for those long days in the field. The MultiControl armrest with integrated MultiFunction Handle and AFS Pro 700 display provide easy, ergonomic, full-machine control.

### ■ LONGER RUN TIMES.

Larger fuel tanks mean more time can be spent in the field.

#### Tank Capacities:

160 gal on 180 – 240

163 gal on 250 – 380 CVXDrive models

179 gal on 250 – 340 Powershift models

### ■ CAB SUSPENSION.

Optional adjustable cab suspension provides a smooth, comfortable ride.

### ■ SERVICE JUST GOT EASIER.

Right-hand service steps and cab handrails. Toolbox conveniently relocated to front weight frame area.

### ■ POWERDRIVE POWER SHIFT.

Proven 19-speed full PowerDrive powershift transmission delivers smooth power transfer for field or road. Diesel Saver APM provides maximum fuel efficiency, managing engine rpm and transmission speed. Powershift transmissions are sized for high horsepower demands, to achieve maximum reliability and durability.



# CVXDRIVE™ TRANSMISSIONS – EFFICIENT POWER, ANY APPLICATION.

On-the-go range selection. Seamless power transfer. Experience the simple, intuitive design of Magnum CVXDrive tractors and discover the optimum combination of convenience, performance and power. CVXDrive automatically selects the best transmission range for the desired speed or load, eliminating the need for clutching and shifting. CVXDrive, in combination with the Diesel Saver APM system, automatically responds with the most fuel efficient combination of engine speed and drivetrain selection. Its simplicity makes it ideal for less experienced operators. The unique four-range design improves mechanical efficiency, delivering more power than competitive designs. Simple operation. Maximum fuel efficiency. More available power. That's what Magnum CVXDrive delivers.

## **MORE IMPLEMENT CONTROL. ■**

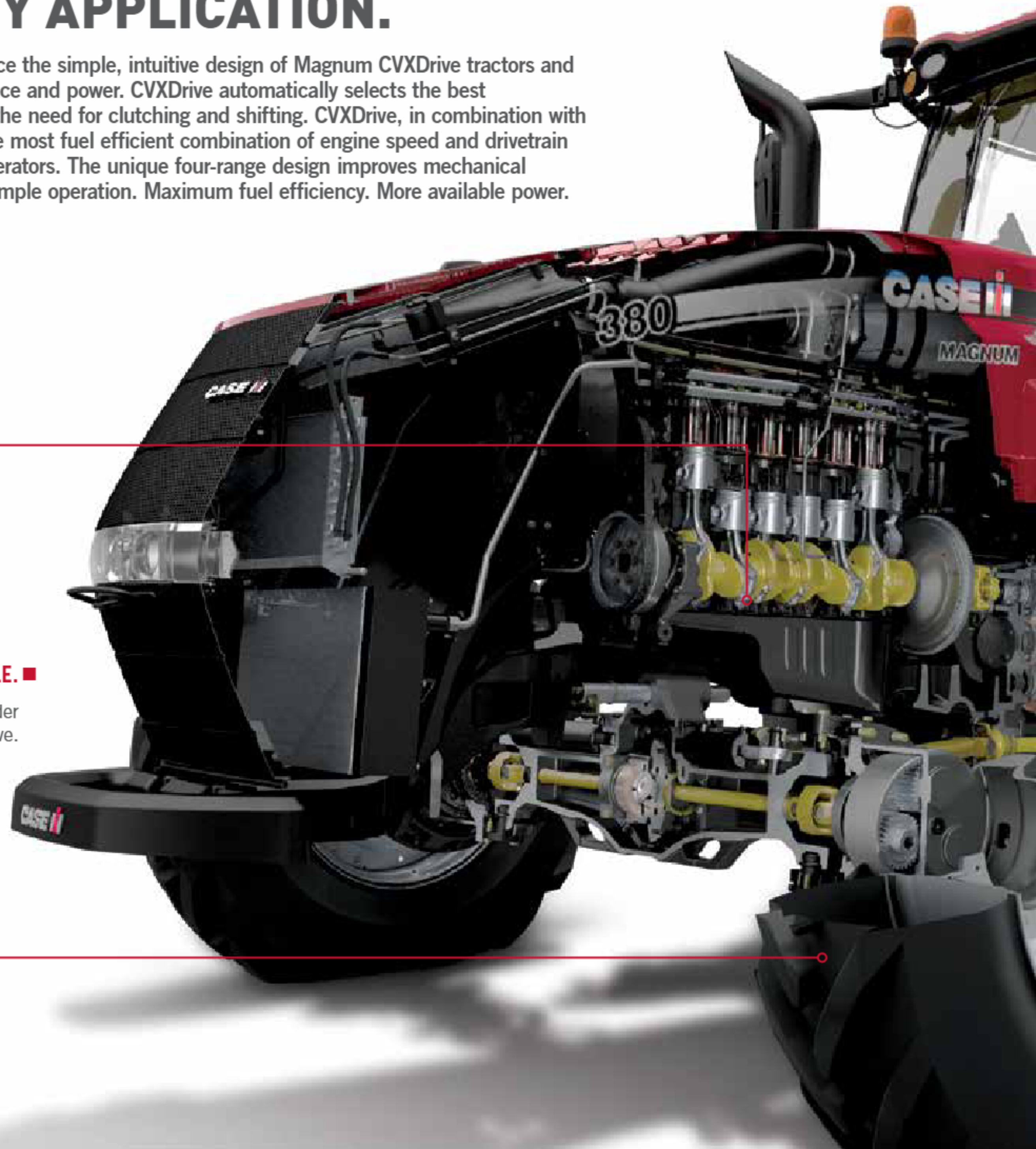
The engine brake option, for control of larger implements in the field and on the road, is available on Magnum 250, 280, 310, 340 and 380 models.

## **FOOT THROTTLE. ■**

Foot throttle and shuttle make loader work more convenient and intuitive.

## **INCREASED FOOTPRINT FOR REDUCED COMPACTION. ■**

New group 49 tires for the 250-380 CVXDrive tractors, the largest, high flotation tires available for row crop use, help minimize compaction and put more power to the ground.

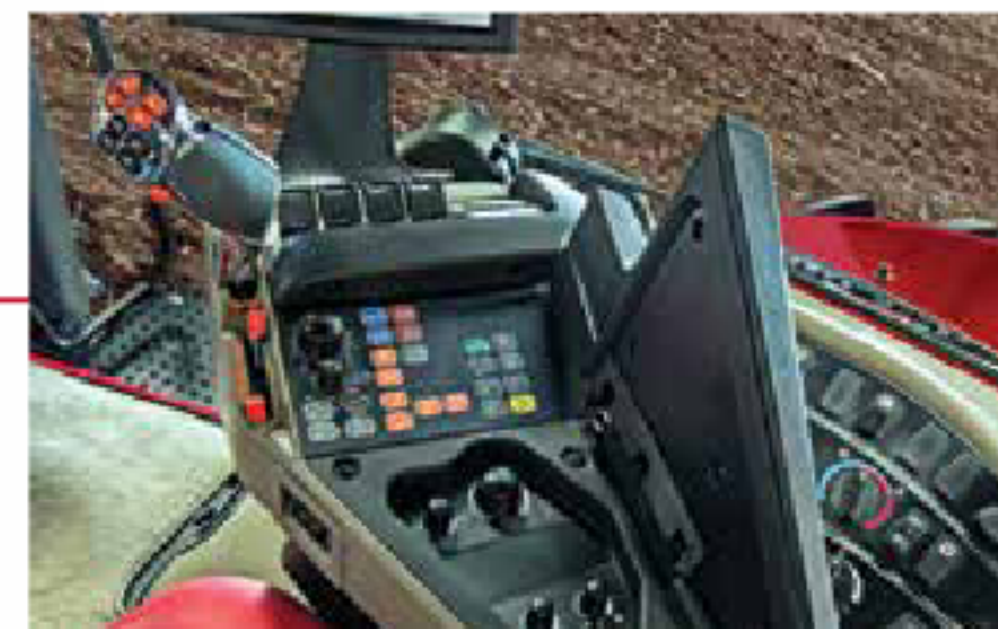






### EASY OPERATION. ■

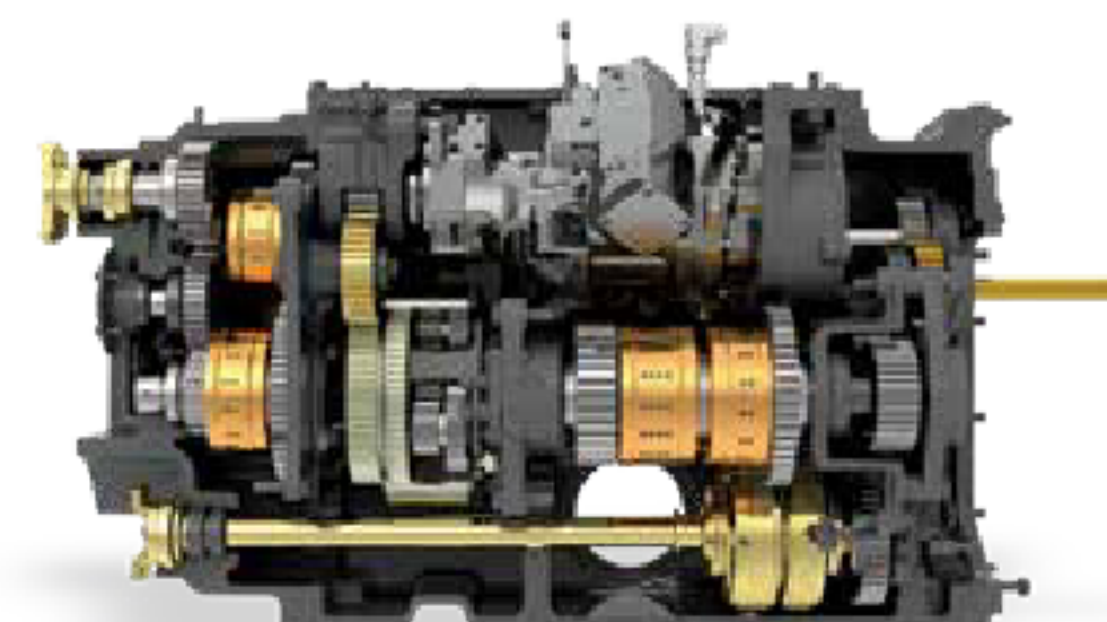
Split-throttle CVXDrive control on MultiFunction handle makes it easy for you to achieve peak efficiency, regardless of operator experience.



### ■ TOTAL POWER CONTROL.

CVXDrive technology offers uninterrupted power from creeper to transport speeds, without breaking traction as speed changes, making it ideal for applications such as:

- Planting
- Baling hay
- Harvesting sugar beets
- Harvesting potatoes
- Pulling grain carts
- Haulage and transport



### ■ IRON MATCHED TO THE POWER.

Rear axles are sized to match the horsepower to provide smooth and efficient power transfer. The Magnum 380 tractor comes with a 5" diameter rear axle to handle the heaviest loads through the toughest field conditions, providing the durability and longevity expected from a Magnum tractor.



# EFFICIENT POWER IN ANY APPLICATION.

Rethink how the Magnum series tractor can help you cover more acres in a day. With engine hp from 180–380 matched to a PowerDrive PowerShift or CVXDrive continuously variable transmission, all Magnum series tractors deliver the power and productivity you expect from Case IH.

## CVXDRIVE CONTINUOUSLY VARIABLE TRANSMISSION.

Built for simple operation, the CVXDrive™ transmission delivers the exact speed for your operation without compromise.

## POWERDRIVE POWERSHIFT TRANSMISSION.

Proven 19-speed full powershift transmission delivers ultra-smooth shifting and power transfer for the field or road, allowing for maximum productivity.

| Magnum Model                                 | 180 | 200 | 220 | 240 | 250 | 280 | 310 | 340 | 380 |
|----------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Maximum Boosted Engine HP @ 1,800 engine rpm | 225 | 245 | 260 | 270 | 320 | 350 | 380 | 410 | 435 |
| PowerDrive Transmission                      | ●   | ●   | ●   | NA  | ●   | ●   | ●   | ●   | NA  |
| CVXDrive Transmission                        | ○   | ○   | ○   | ●   | ○   | ○   | ○   | ○   | ●   |

● Standard Transmission ○ Optional Transmission

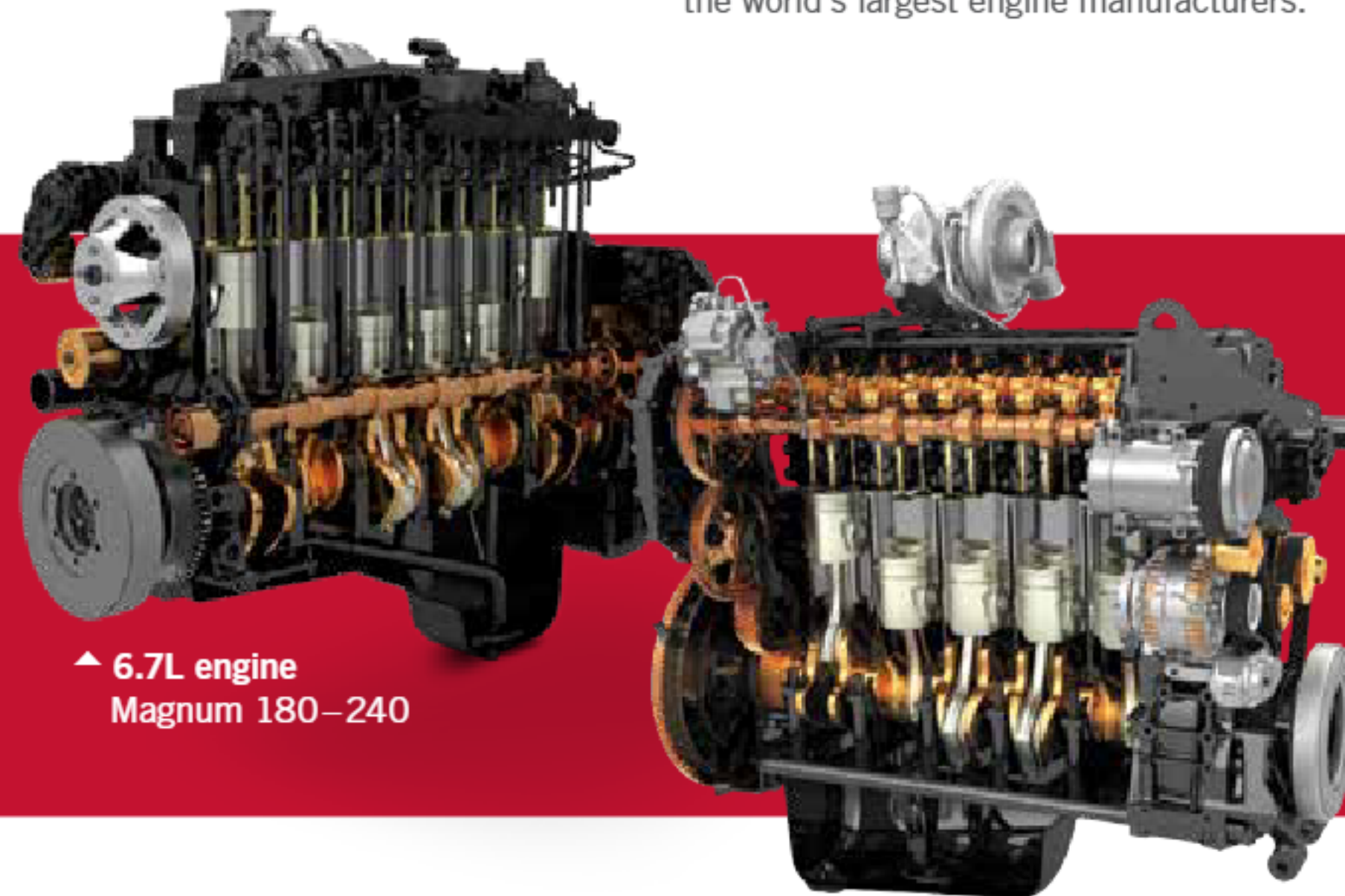






## ENGINES THAT ARE PROVEN.

Magnum series tractor engines are produced by FPT Powertrain Technologies, a Case IH sister company. Case IH and FPT engineers work alongside each other in Burr Ridge, IL, Engineering Center. FPT is one of the world's largest engine manufacturers.



▲ 6.7L engine  
Magnum 180–240

◀ 8.7L engine  
Magnum 250–380

### POWERFUL.

- 6.7- and 8.7-liter engines with FPT technology provide leading fuel efficiency while maximizing power.
- Up to 14 percent power growth to maximize performance in the toughest conditions.

### SIMPLE.

- Patented Selective Catalytic Reduction (SCR) meets Tier 4 B/Final emission standards without compromising engine performance.
- Does not require additional emission components, such as Diesel Particulate Filter (DPF) and Cooled Exhaust Gas Recirculation (CEGR).
- No engine regeneration is required, so you can stay up and running all day long.

### SMART.

- SCR technology provides simplified emission compliance.
- Exclusive engine brake option.

### PROVEN.

- SCR-only solution continues to perform in the field with hundreds of thousands of engines in operation and counting.









# THERE'S MORE THAN JUST OUR TRACTORS WORKING IN YOUR FIELDS.

Our strong Case IH dealer network has more professionals in the field to help you manage your equipment, and maximize your yields and bottom line. Parts and service technicians are ready to assist when you need it — before, during and after the sale. And CNH Industrial Capital will work with you to customize financing solutions that work best for you and your business. It's an integrated equipment, service and financing system in one package. All of it focused on your operation and its unique needs.



## KNOWLEDGEABLE DEALERS THAT WORK WITH YOU.

Your Case IH dealer understands you need to optimize the return on your investment. That means fitting the right Magnum 180–380 horsepower and capabilities with the tools and implements that best fit your farm. Your dealer can recommend the **appropriate options package**, with proper tracks, tires, weighting and ballasting packages for optimal performance. And your dealer will analyze results with you, field by field.

## GENUINE CASE IH PARTS AND SERVICE.

Only genuine Case IH parts are made for your machine and designed for peak performance. From our maintenance products and wear parts to entire combine rotor assemblies, the Case IH advantage is apparent. We engineer, manufacture and choose parts based on the **strictest design and testing standards**. And when it comes to service, only your Case IH dealer is trained by the organization that made your machine. Your dealer can spot important maintenance issues before they become costly repairs. Knowledgeable service and special training programs mean you have support to keep working no matter what comes your way during the season.

## FINANCING AND EQUIPMENT PROTECTION TAILORED TO CASE IH EQUIPMENT AND YOU.

CNH Industrial Capital is your financial connection every step of the way, and each day we help producers like you get into the right Case IH equipment to support the unique agricultural needs of your business. Specialized finance programs and flexible leasing packages put you in the driver's seat of industry-leading Case IH equipment while staying within your budget. After your purchase, keep your equipment up and running with the **CNH Industrial Capital Productivity Plus Account** for your Case IH parts and service needs, and insure your equipment with our **no-nonsense warranties and comprehensive protection plans**. As the only finance company dedicated to Case IH, we offer the products and services designed to help you Rethink Productivity.



| MAGNUM MODEL                                        | MAGNUM 180                                                                            | MAGNUM 200            | MAGNUM 220            | MAGNUM 240            | MAGNUM 250                                                                                                                | MAGNUM 280              |
|-----------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------|
| ENGINE                                              |                                                                                       |                       |                       |                       |                                                                                                                           |                         |
| Engine Type                                         | Tier 4 B/Final with Selective Catalytic Reduction (SCR)                               |                       |                       |                       |                                                                                                                           |                         |
| HP ISO/ECE R120 (CV)                                | 180 @ rated 2,100 rpm                                                                 | 200 @ rated 2,100 rpm | 220 @ rated 2,100 rpm | 240 @ rated 2,100 rpm | 250 @ rated 2,000 rpm                                                                                                     | 280 @ rated 2,000 rpm   |
| Max. HP @ Rated 1,800 rpm ISO/ECE R120 (CV)         | 200                                                                                   | 220                   | 240                   | 260                   | 285                                                                                                                       | 315                     |
| Max. Boosted HP @ Rated 1,800 rpm ISO/ECE R120 (CV) | 225                                                                                   | 245                   | 260                   | 270                   | 320                                                                                                                       | 350                     |
| PTO HP per SAE                                      | 155 @ rated 2,100 rpm                                                                 | 170 @ rated 2,100 rpm | 185 @ rated 2,100 rpm | 205 @ rated 2,100 rpm | 205 @ rated 2,000 rpm                                                                                                     | 235 @ rated 2,000 rpm   |
| Cylinders/Number of Valves/Displacement             | 6 cyl./24 valves/6.7 L                                                                |                       |                       |                       | 6 cyl./24 valves/8.7 L                                                                                                    |                         |
| Engine Aspiration                                   | Turbocharger wastegate                                                                |                       |                       |                       | Turbocharger eVGT                                                                                                         |                         |
| Engine Compression Brake                            | NA                                                                                    |                       |                       |                       | Optional                                                                                                                  |                         |
| ELECTRICAL                                          |                                                                                       |                       |                       |                       |                                                                                                                           |                         |
| Alternator/Battery                                  | 200 amp/12-volt battery                                                               |                       |                       |                       | 200 amp/2 12-volt batteries                                                                                               |                         |
| TRANSMISSION/PTO                                    |                                                                                       |                       |                       |                       |                                                                                                                           |                         |
| PowerDrive: 18 Speed—25 mph (40 kph)                | NA                                                                                    |                       |                       |                       | Optional                                                                                                                  |                         |
| PowerDrive: 19 Speed (Economy)—25 mph (40 kph)      | Standard                                                                              |                       |                       | NA                    | Standard                                                                                                                  |                         |
| PowerDrive: 19 Speed—30 mph (50 kph)                | Optional                                                                              |                       |                       | NA                    | Optional                                                                                                                  |                         |
| CVXDrive Transmission: 25 mph (40 kph)              | Optional                                                                              |                       |                       | Standard              | Optional                                                                                                                  |                         |
| CVXDrive Transmission: 30 mph (50 kph)              | Optional                                                                              |                       |                       |                       | 32 mph (50 kph)                                                                                                           |                         |
| Rear PTO — Standard/Optional                        | 540 rpm 1-3/8 in. dia. and 1,000 rpm 1-3/8 in. dia. / NA                              |                       |                       |                       | 1,000 rpm 1-3/4 in. dia./Optional 3 interchangeable shafts: 540 and 1,000 rpm 1-3/8 in. dia. and 1,000 rpm 1-3/4 in. dia. |                         |
| AXLES                                               |                                                                                       |                       |                       |                       |                                                                                                                           |                         |
| Rear Axle Diameter — Standard/Optional              | 4 in. (100 mm)/NA                                                                     |                       |                       |                       | 4 in. (100 mm)/4.5 in. (115 mm)                                                                                           |                         |
| Rear Axle Length — Standard/Optional                | 119 in. (3 020 mm)/112 in. (2 489 mm)                                                 |                       |                       |                       | 120 in. (3 050 mm)/NA                                                                                                     |                         |
| Suspended Front Axle                                | Optional                                                                              |                       |                       |                       |                                                                                                                           |                         |
| MFD Tread Adjustability                             | 60—88 in. (1 524—2 235 mm)                                                            |                       |                       |                       |                                                                                                                           |                         |
| MFD Duals                                           | Optional on Class 4.75 axles                                                          |                       |                       |                       | Optional on Class 4.75 and Class 5 axles                                                                                  |                         |
| Wheelbase — PowerDrive                              | 118 in. (3 000 mm)                                                                    |                       |                       |                       | 120 in. (3 050 mm)                                                                                                        |                         |
| Wheelbase — CVXDrive                                | 118 in. (3 000 mm)                                                                    |                       |                       |                       | 122 in. (3 100 mm)                                                                                                        |                         |
| HYDRAULICS/HITCH                                    |                                                                                       |                       |                       |                       |                                                                                                                           |                         |
| System Type                                         | Pressure Flow Compensating (PFC)                                                      |                       |                       |                       |                                                                                                                           |                         |
| Remotes — Standard/Optional                         | 3 Electrohydraulic standard/ 4 or 5 Electrohydraulic optional                         |                       |                       |                       | 4 Electrohydraulic standard/5 or 6 Electrohydraulic optional                                                              |                         |
| Main Implement Pump Flow                            | PowerDrive = 41 gpm (156 L/min.)/CVXDrive = 43 gpm (162 L/min.)                       |                       |                       |                       | 44 gpm (166 L/min.) / 59 gpm (225 L/min.) or 75 gpm (282 L/min.)                                                          |                         |
| Rear 3-pt Hitch — Standard/Optional                 | Cat III/IIIN/NA                                                                       |                       |                       |                       |                                                                                                                           | Cat III/IIIN/Cat IV/III |
| Standard Hitch Lift Capacity                        | 13,600 lb. (6 170 kg) without Quick Coupler; 13,000 lb. (5 900 kg) with Quick Coupler |                       |                       |                       | 14,000 lb. (6 350 kg)                                                                                                     |                         |
| Optional Front 3-pt Hitch Lift Capacity             | NA                                                                                    |                       |                       |                       | 9,426 lb. (4 275 kg)                                                                                                      |                         |
| Front Hitch PTO Speed and Shaft Size                | NA                                                                                    |                       |                       |                       | 1,000 rpm                                                                                                                 |                         |
| PTO Shaft Size                                      | NA                                                                                    |                       |                       |                       | 1 3/8 in. (35 mm) shaft 21 spline                                                                                         |                         |
| CAPACITIES                                          |                                                                                       |                       |                       |                       |                                                                                                                           |                         |
| Fuel Tank                                           | 160 gal. (600 L)                                                                      |                       |                       |                       | PowerDrive: 179 gal. (678 L)/ CVXDrive: 163 gal. (617 L)                                                                  |                         |
| Diesel Exhaust Fluid (DEF) Tank                     | 17.5 gal. (66 L)                                                                      |                       |                       |                       | 26 gal. (99 L)                                                                                                            |                         |
| CAB                                                 |                                                                                       |                       |                       |                       |                                                                                                                           |                         |
| Cab Suspension                                      | Standard                                                                              |                       |                       |                       |                                                                                                                           |                         |
| Volume (Size)/Glass (Area)/Cab Sound Level          | 109.5 cu ft. (3.1 m³/68.5 sq. ft.) /67 dBA                                            |                       |                       |                       |                                                                                                                           |                         |
| WEIGHT                                              |                                                                                       |                       |                       |                       |                                                                                                                           |                         |
| Average Shipping Weight                             | 21,500 lb. (9 750 kg)                                                                 |                       |                       |                       | 28,600 lb. (12 973 kg)                                                                                                    |                         |



| MAGNUM MODEL                                                  | MAGNUM 310                                                                                                                | MAGNUM ROWTRAC 310  | MAGNUM 340             | MAGNUM ROWTRAC 340  | MAGNUM 380             | MAGNUM ROWTRAC 380  |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------|---------------------|------------------------|---------------------|
| ENGINE                                                        |                                                                                                                           |                     |                        |                     |                        |                     |
| Engine Type                                                   | Tier 4 B/Final with Selective Catalytic Reduction (SCR)                                                                   |                     |                        |                     |                        |                     |
| Engine HP                                                     | 310 @ rated 2,000 rpm                                                                                                     |                     | 340 @ rated 2,000 rpm  |                     | 380 @ rated 2,000 rpm  |                     |
| Maximum Engine HP @ Rated 1,800 rpm ISO/ECE R120 (CV)         | 345                                                                                                                       |                     | 375                    |                     | 415                    |                     |
| Maximum Boosted Engine HP @ Rated 1,800 rpm ISO/ECE R120 (CV) | 380                                                                                                                       |                     | 410                    |                     | 435                    |                     |
| PTO HP per SAE                                                | 265 @ rated 2,000 rpm                                                                                                     |                     | 290 @ rated 2,000 rpm  |                     | 315 @ rated 2,000 rpm  |                     |
| Cylinders/Number of Valves/Displacement                       | 6 cyl./24 valves/8.7 L                                                                                                    |                     |                        |                     |                        |                     |
| Engine Aspiration                                             | Turbocharger eVGT                                                                                                         |                     |                        |                     |                        |                     |
| Engine Compression Brake                                      | Optional                                                                                                                  |                     |                        |                     |                        |                     |
| ELECTRICAL                                                    |                                                                                                                           |                     |                        |                     |                        |                     |
| Alternator/Battery                                            | 200 amp/2 12-volt batteries                                                                                               |                     |                        |                     |                        |                     |
| TRANSMISSION/PTO                                              |                                                                                                                           |                     |                        |                     |                        |                     |
| PowerDrive: 18 Speed—25 mph (40 kph)                          | Optional                                                                                                                  | Standard            | Optional               | Standard            | NA                     |                     |
| PowerDrive: 19 Speed (Economy)—25 mph (40 kph)                | Standard                                                                                                                  | NA                  | Standard               | NA                  |                        |                     |
| PowerDrive: 19 Speed—30 mph (50 kph)                          | Optional                                                                                                                  | NA                  | Optional               | NA                  |                        |                     |
| CVXDrive Transmission: 25 mph (40 kph)                        | Optional                                                                                                                  |                     |                        |                     | Standard               |                     |
| CVXDrive Transmission: 32 mph (50 kph)                        | Optional                                                                                                                  | NA                  | Optional               | NA                  | Optional               | NA                  |
| Rear PTO — Standard/Optional                                  | 1,000 rpm 1-3/4 in. dia./Optional 3 interchangeable shafts: 540 and 1,000 rpm 1-3/8 in. dia. and 1,000 rpm 1-3/4 in. dia. |                     |                        |                     |                        |                     |
| AXLES                                                         |                                                                                                                           |                     |                        |                     |                        |                     |
| Rear Axle Diameter — Standard/Optional                        | 4.5 in. (115 mm)/NA                                                                                                       | NA                  | 4.5 in. (115 mm)/NA    | NA                  | 5 in. (127 mm)/NA      | NA                  |
| Rear Axle Length — Standard                                   | 120 in. (3 050 mm)/NA                                                                                                     | NA                  | 120 in. (3 050 mm)/NA  | NA                  | 120 in. (3 050 mm)/NA  | NA                  |
| Suspended Front Axle                                          | Optional                                                                                                                  |                     |                        |                     |                        |                     |
| MFD Tread Adjustability                                       | 60—88 in. (1524—2 235 mm)                                                                                                 |                     |                        |                     |                        |                     |
| MFD Duals                                                     | Optional on Class 4.75 and Class 5 axles                                                                                  |                     |                        |                     |                        |                     |
| Wheelbase — PowerDrive                                        | 120 in. (3 050 mm)                                                                                                        | 124 in. (3 150 mm)  | 120 in. (3 050 mm)     | 124 in. (3 150 mm)  | NA                     | 124 in. (3 150 mm)  |
| Wheelbase — CVXDrive                                          | 122 in. (3 100 mm)                                                                                                        | 124 in. (3 150 mm)  | 122 in. (3 100 mm)     | 124 in. (3 150 mm)  | 124 in. (3 150 mm)     | 124 in. (3 150 mm)  |
| HYDRAULICS/HITCH                                              |                                                                                                                           |                     |                        |                     |                        |                     |
| System Type                                                   | Pressure Flow Compensating (PFC)                                                                                          |                     |                        |                     |                        |                     |
| Remotes — Standard/Optional                                   | 4 Electrohydraulic standard/5 or 6 Electrohydraulic optional                                                              |                     |                        |                     |                        |                     |
| Main Implement Pump Flow                                      | 44 gpm (166 L/min.) / 59 gpm (225 L/min.) or 75 gpm (282 L/min.)                                                          |                     |                        |                     |                        |                     |
| Rear 3-pt Hitch — Standard/Optional                           | Cat III/IIIN/Cat IV/III                                                                                                   |                     | Cat IV/III/NA          |                     |                        |                     |
| Standard Hitch Lift Capacity                                  | 15,900 lb. (7 210 kg)                                                                                                     |                     | 17,500 lb. (7 940 kg)  |                     | 19,900 lb. (9 026 kg)  |                     |
| Optional Front 3-pt Hitch Lift Capacity                       | 9,426 lb. (4 275 kg)                                                                                                      |                     |                        |                     |                        |                     |
| Front Hitch PTO Speed                                         | 1,000 rpm                                                                                                                 |                     |                        |                     |                        |                     |
| PTO Shaft Size                                                | 1 3/8 in. (35 mm) shaft 21 spline                                                                                         |                     |                        |                     |                        |                     |
| CAPACITIES                                                    |                                                                                                                           |                     |                        |                     |                        |                     |
| Fuel Tank                                                     | PowerDrive: 179 gal. (678 L)/ CVXDrive: 163 gal. (617 L)                                                                  |                     |                        |                     |                        |                     |
| Diesel Exhaust Fluid (DEF) Tank                               | 26 gal. (99 L)                                                                                                            |                     |                        |                     |                        |                     |
| CAB                                                           |                                                                                                                           |                     |                        |                     |                        |                     |
| Cab Suspension                                                | Standard                                                                                                                  |                     |                        |                     |                        |                     |
| Volume (Size)/Glass (Area)/Cab Sound Level                    | 109.5 cu ft. (3.1 m³/68.5 sq. ft.) /67 dBa                                                                                |                     |                        |                     |                        |                     |
| WEIGHT                                                        |                                                                                                                           |                     |                        |                     |                        |                     |
| Average Standard Weight                                       | 28,800 lb. (13 082 kg)                                                                                                    | 36,000 lb. (16 329) | 29,600 lb. (13 458 kg) | 36,000 lb. (16 329) | 32,200 lb. (14 148 kg) | 36,000 lb. (16 329) |



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