



MAGNUM™



AFS CONNECT MAGNUM

CASE IH

CASE IH



AFS CONNECT MAGNUM

10 Models | 180–400 HP | 155–345 PTO HP*

EXPERIENCE FARMING THE WAY IT SHOULD BE

Every day you are looking for new ideas to profitably grow your operation. Case IH Magnums provide new options and configurations for all situations to help you accomplish the outcomes you desire. The technology embedded in the completely redesigned cab is your key to unlocking a level of connectivity never before seen in a Case IH tractor. Starting with the AFS Vision Pro operating system, it enables you to configure precision farming functionality, tractor systems and connectivity with integrated solutions. This comes without sacrificing the power, efficiency and productivity for which Magnum tractors are known. The AFS Connect Magnum integrates the technology you demand into one easy-to-use package. The only add-on required is you.

“ Case IH Magnums are very efficient. Most of the time I had the minimum RPM at 1500 because that’s where it needed to be to have enough hydraulics to run everything. But it didn’t know the planters were back there. It’s got a lot of power and didn’t use a lot of fuel. ”

Steve Ortner, Ortner Farms

AFS CONNECT MAGNUM

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PRODUCTIVITY, CONNECTIVITY AND PROFITABILITY

AFS Connect provides an end-to-end solution that allows you to remotely monitor and manage your farm and fleet. Optimize your performance, productivity, and flexibility. Visualize your equipment and agronomic data to help you make better informed decisions for your operation. Plus, with the AFS Connect app on your phone or tablet, you can successfully manage your operations anytime, anywhere.

AFS Connect Magnums are factory equipped with a subscription to AFS Connect.

EQUIPMENT INFORMATION AT YOUR FINGERTIPS

When you have questions about Case IH equipment maintenance, there's no time to lose getting back in the field. MyCaseIH.com is your all-new destination for Case IH product support, including free operators manual downloads, AFS training videos, how-to tutorials and maintenance tips to help you through questions or situations you encounter every day.

Create a free MyCaseIH account and use the same login credentials to access the features of AFS Connect and the AFS Connect app today!



GET MORE DONE EACH DAY

Easily organize your fields, applications and agronomic data to gain better insights.

- View every field activity, from spring tillage all the way through harvest.
- Generate coverage maps to help visualize multiple layers of agronomic data to make more informed decisions.
- Push guidance lines, boundaries and prescriptions to equipment remotely.

WORK SMARTER BY TRACKING EQUIPMENT

Achieve peak performance by maximizing uptime and efficiency.

- Receive notifications and view critical operating parameters.
- Monitor current and historical machine performance and coordinate your Case IH machines.
- Plan and execute maintenance on connected vehicles.
- Enable remote display viewing to share on-screen cab information with an authorized farm manager or dealer.

OPTIMIZE ANYWHERE

Gain relevant agronomic insights that connect you to your farm down to the field level. Once you create an account through MyCaseIH.com, you can:

- Track critical metrics from your in-field equipment, visualize agronomic data layers and document yield-limiting pests, weeds and diseases all from your mobile device.
- Maintain your jobs remotely, including all planting, spraying and harvest activities.
- Download the AFS Connect Farm app at no cost to you on your Android™ or Apple® iOS device.

THE AFS CONNECT FARM APP

- **AFS Connect Farm App:** View and monitor your equipment and field information in one place, all on your mobile device or tablet.





PRODUCTIVITY AND CONNECTIVITY BUILT INTO YOUR TRACTOR

Whether you're at the ballfield or around the dinner table, life is filled with moments you don't want to miss. With AFS Connect, you don't need to be in the cab to know what's happening in your fields. You can see exactly what's on the AFS Pro 1200 display through remote display viewing to coach operators and check on equipment performance. The AFS Connect website and app allow you to view data near-real-time as it uploads straight out of the field. Connecting to your operation when and where you need to saves you time and helps you make better, more-informed decisions.

GAIN FULL REMOTE VISIBILITY

- **Remote Display Viewing:** No matter where they are, a farm manager or dealer can easily see exactly what the operator is seeing on the screen in the tractor cab.
- **Remote Service Support:** There's no time for downtime. Now, you can work with your local Case IH dealer to remotely diagnose maintenance and service issues and identify the parts you need to stay up and running.
- **Remote Software Updates:** Your local Case IH dealer can remotely update your operating firmware wirelessly so you can take advantage of new features, functionality and enhancements.

GAIN MORE PRODUCTIVITY

- **AFS AccuTurn PRO:** Work in tandem with AFS AccuGuide to provide hands-free steering for automatic, repeatable end-of row turns — maximizing a vehicle's turning accuracy and overall efficiency.
- **ISOBUS Class 3:** The most advanced international compatibility standard, allowing for both implement automation and for the implement to control certain tractor functions.
- **Implement Control:** Using the AFS Soil Command™ suite of soil management tools, you can create a high-efficiency seedbed and then deliver the ultimate in seed-placement accuracy.





- A** Luxury leather, heated/ventilated seat with 40-degree swivel
- B** Storage/cup holders
- C** Luxury leather instructor seat
- D** Full glass door with no center pillar with optional wiper and sun shade
- E** Molded floor mat

- F** Motorcycle-style foot pegs
- G** Zone controlled HVAC airflow
- H** Telescoping steering wheel with memory lock
- I** Forward/Reverse speed control (CVXDrive) Throttle control (PowerDrive)
- J** Redesigned, ergonomic, MultiFunction Handle
- K** AFS Pro 1200 and LCD with anti-glare screens

- L** Instrument cluster with key machine information
- M** Color-coded electro-hydraulic remotes
- N** Encoder knob
- O** MultiControl Armrest
- P** RAM device mounts
- Q** USB, 3 pin/12-volt power and data ports throughout the cab
- R** 3-point hitch control

AN OPERATOR ENVIRONMENT ABOVE THE REST

Engineers at Case IH started with a clean slate, then used years of research and input from our most qualified expert: you. The result is an interior that blends simplicity and luxury like you've never experienced in a tractor cab before.

- A** Pre-programmed hot keys
- B** Exclusive front and rear independent, automatic differential locks
- C** Ninth programmable hot key button provides more shortcut options
- D** Configurable hot keys 1–4
- E** Configurable hot keys 5–8
- F** Configurable, color-coded electro-hydraulic remote (EHR) levers
- G** 12-in. AFS Pro 1200 display with touch screen and Bluetooth® capabilities—powered by the AFS Vision Pro operating system that is just like using a smartphone or tablet



MULTIFUNCTION HANDLE

Redesigned and ergonomic multifunction handle puts 95% of the commonly used controls at your fingertips.



EXCLUSIVE SPLIT THROTTLE

Available with CVXDrive transmission and allows the operator to set upper and lower engine RPMs to keep you in total control.

MULTICONTROL ARMREST

Proven design now features an encoder for complete control at your fingertips.



A CAB ENVIRONMENT LIKE NO OTHER

The AFS Connect Magnum cab is finished with automotive quality materials and designed to provide an in-cab experience like no other. Easy-to-use controls are right at your fingertips. Convenient features like USB charging outlets, 12V power ports, monitor mounts, cup holders and even 120V power are available for your use. The AFS Pro 1200 features a crystal clear, LCD display that is fully customizable to provide critical information in a simple, easy to understand format.

MULTICONTROL ARMREST

The redesigned MultiControl Armrest easily adjusts to your preferences with both fore/aft and up/down control to enhance your comfort. There are numerous hot keys, eight of which are configurable, allowing you to control several functions with the push of a button. In fact, you can assign up to four electro-hydraulic remote (EHR) valves to the MultiFunction Handle for increased convenience and productivity.

MULTIPLE POWER SOURCES

Throughout the cab there are a variety of power sources—including USB charging outlets, 12V power ports, and even 120V power - to keep your essential electronics running. Charge up everything from your phone or tablet, to a laptop, and battery-operated tools.

AFS PRO 1200 DISPLAY

The AFS Pro 1200 features a crystal clear, anti-glare, LCD, 12 in. touchscreen display that provides critical information in a simple, easy to understand format. With just a few touches, you can view and fine-tune operator preferences, calibrate the tractor and adjust implement settings, as well as other key machine functions. Configure your AFS Vision Pro operating system to your choosing, and tailor the tractor settings to your operating preferences.

STORAGE & VISIBILITY

The cab offers more storage, cup holders on both sides of the cab, a built in monitor mounting rail, 40 degree seat swivel and panoramic view with no right hand cab post to obstruct your line of sight.

ALL-SEASON COMFORT

A redesigned HVAC system with enhanced air circulation provides comfort no matter what environmental conditions you encounter. Available luxury cab includes heated and ventilated leather seats, leather-wrapped steering wheel and cab carpet.





PREMIUM LIGHTING FOR MAXIMUM PRODUCTIVITY

When you're a farmer, your day starts before the sun rises and can end long after it sets. With powerful, adjustable, industry-leading lighting options, you'll be ready to operate whenever you need to with superior visibility at night.

LED LIGHTS

Configurable LED lights provide enhanced front and side visibility, with the option to select which lights should be on or off as needed for your operation or the task at hand.

360-DEGREE EGRESS LIGHTING

LED lights are located at every angle around the tractor to give you better visibility at night and offer customizable settings adaptable to your operation or task being performed.



CONFIGURATIONS TO FIT ANY OPERATION

AFS Connect Magnum tractors can be configured to fit your operation — regardless of the demanding application.

TILLAGE

- Utilize **AFS Soil Command technology** to measure and optimize the agronomic quality of the seedbed from the cab of your AFS Connect Magnum tractor.
- Ensure machine stability and a smooth seedbed by making in-cab stabilizer wheel adjustments.
- Cover more acres with the ability to vary and increase tillage speed as conditions allow.

PLANTING AND SEEDING

- Maintain constant peak power to the ground for increased productivity during high-speed planting.

- Use rate and section control to reduce overlaps and manage input costs with automatic shutoff and turn-on for individual rows or section.
- Make fewer trips across the field with variable-rate application of up to three different products in the same pass.

HAY AND FORAGE

- Combine your AFS Connect Magnum with ISOBUS 3 speed control and let your baler take control. Automatically adjust tractor speed, apply net wrap to the bale, and raise and lower the tailgate without operator input.
- **Up to 32 mph road speed** for moving efficiently between job sites.

- **Front hitch options offer solutions for triple mowers, loaders and other implements** to be mounted to the front of the tractor to cover more acres per hour.

SCRAPER

- **Industry-leading power growth up to 14 percent** for unmatched performance in tough pulls.
- Designed to perform in any agricultural earth shaping, land leveling or water management task.
- Optional semi-active cab suspension smooths your ride on high speed earth shaping projects.



ROWTRAC



AFS CONNECT MAGNUM ROWTRAC

When traction and agronomic advantages are essential to your operation, the AFS Connect 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.

ULTIMATE ROW CROP FLEXIBILITY

The AFS Connect Magnum Rowtrac combines the benefits of tracks with the maneuverability of mechanical front drive. You'll have reduced berming and minimal soil disturbance in wide or tight turns to ensure smooth fields from fence line to fence line. Reduce travel time between fields with road speeds up to 25 mph (40 kph).

VERSATILITY TO FIT YOUR NEEDS

A wide selection of row spacing options and the combination of low compaction, high traction and ease of handling make it well suited to a variety of crops.

| ROWTRAC MODEL | 340 | 380 | 400 |
|-------------------------|---|-----------------------|-----------------------|
| Engine | 8.7 L | | |
| Rated HP | 340 @ rated 2,000 rpm | 380 @ rated 2,000 rpm | 396 @ rated 2,000 rpm |
| Rated PTO HP | 290 @ rated 2,000 rpm | 315 @ rated 2,000 rpm | 345 @ rated 2,000 rpm |
| Transmission | PowerDrive standard, CVXDrive optional | CVXDrive standard | PowerDrive standard |
| Available Track Widths | 16, 18, 21*, 24 and 30 inches | | |
| Available Row Spacing | 20, 22, 30, 34, 36, 38 and 40 inches | | |
| Available Tread Spacing | 76, 80, 88, 96, 120, 132**, 136**, 144** and 152** inches | | |

FLEXIBILITY AND EFFICIENT POWER

When traction and agronomic advantage are essential, the AFS Connect Magnum Rowtrac tractor is the right choice. With the most complete track width offering in its class, there's a Rowtrac solution for every operation.

A CAMERAS

The AFS Pro 1200 has four (4) camera inputs. Front and rear cameras are included with the luxury cab package. Connections for 4 cameras are standard with technology cab packages.

B LED LIGHTS ON HOOD AND CAB TOP

Operate whenever you need to with lights that provide superior visibility at night.

C PROVEN ENGINES

The Case IH FPT engine has passed every challenge and is built with efficiency in mind, Case IH FPT 6.7-L and 8.7-L engines incorporate patented SCR-only Technology for greater productivity that produce more power. And, with 600 hour oil-change intervals, achieve greater fluid efficiency and lower operating costs.

D TRI-STRIPE DECALS

Updated styling reflects the latest design seen only on new Case IH tractors.

F STANDARD ADVANCED STEERING SYSTEM

The Case IH Advanced Steering system that gives an operator smoother and more precise control of the tractor and implement at every speed now comes standard on every Magnum tractor.

E PATENTED SCR SYSTEM

Eliminates the need for engine regeneration.

G AFS VECTOR PRO RECEIVER

Consolidated components improve guidance consistency.

H MIRRORS

Telescoping and heating (luxury cab) mirrors are controlled from the tractor cab for easy adjustments.

I BREAKAWAY-STYLE MARKER LIGHTS

Up your visibility with marker lights designed to break away if they encounter an obstacle but won't break off.

J 360-DEGREE EGRESS LIGHTING

Located at every angle around the tractor to give you better visibility upon exiting the cab in low light situations.

K TRACK OPTIONS

Extensive offering of track width and tread spacing.

L SEMI-ACTIVE CAB SUSPENSION

Improved cab comfort reduces operator fatigue for a smooth ride on long days in the field.

M CAST WHEEL SPACERS

Machining minimizes tire runout and improves hub retention.

N TIRE PRESSURE MONITORING SENSORS

Monitor and view tire pressure through the AFS Pro 1200 display.



WHEELED



AFS CONNECT MAGNUM 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.

WHERE THE RUBBER MEETS THE ROAD

Experience an industry leading turn radius and a smooth ride at increased speed—up to 32 mph/50 kph.

OPTIMIZE YOUR EFFICIENCY

High-horsepower row crop tractors deserve industry-leading fuel efficiency for maximum productivity. Optional tire pressure monitoring sensors allow you to monitor and view tire pressure through the AFS Pro 1200 display on both your tractor and implements to keep you running at peak-performance levels.

| WHEELED MODEL | 180 | 200 | 220 | 240 | 250 | 280 | 310 | 340 | 380 | 400 |
|---------------|--|--------------------------|--------------------------|--------------------------|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Engine | 6.7 L | | | | 8.7 L | | | | | |
| Rated HP | 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 | 310 @ rated 2,000 rpm | 340 @ rated 2,000 rpm | 380 @ rated 2,000 rpm | 396 @ rated 2,000 rpm |
| Rated PTO HP | 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 | | 265 @ rated 2,000 rpm | 290 @ rated 2,000 rpm | 315 @ rated 2,000 rpm | 345 @ rated 2,000 rpm |
| Transmission | PowerDrive standard, CVXDrive optional | | | CVXDrive standard | PowerDrive standard, CVXDrive optional | | | | CVXDrive standard | PowerDrive standard |

WHEELED

REDESIGNED FOR YOUR PRODUCTIVITY

The AFS Connect Magnum series tractor has evolved styling and features to deliver exactly what you need to make your life easier and more productive.

A CAMERAS

The AFS Pro 1200 has four (4) camera inputs. Front and rear cameras are included with the luxury cab package. Connections for 4 cameras are standard with technology cab packages.

B LED LIGHTS ON HOOD AND CAB TOP

Operate whenever you need to with lights that provide superior visibility at night.

C PROVEN ENGINES

The Case IH FPT engine has passed every challenge and is built with efficiency in mind, Case IH FPT 6.7-L and 8.7-L engines incorporate patented SCR-only Technology for greater productivity that produce more power. And, with 600 hour oil-change intervals, achieve greater fluid efficiency and lower operating costs.

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The Case IH Advanced Steering system that gives an operator smoother and more precise control of the tractor and implement at every speed now comes standard on every Magnum tractor.

E PATENTED SCR SYSTEM

Eliminates the need for engine regeneration.

G AFS VECTOR PRO RECEIVER

Consolidated components improve guidance consistency.

H MIRRORS

Telescoping and heating (luxury cab) mirrors are controlled from the tractor cab for easy adjustments.

I BREAKAWAY-STYLE MARKER LIGHTS

Up your visibility with marker lights designed to break away if they encounter an obstacle but won't break off.

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Located at every angle around the tractor to give you better visibility upon exiting the cab in low light situations.

K SEMI-ACTIVE CAB SUSPENSION

Improved cab comfort reduces operator fatigue for a smooth ride on long days in the field.

L CAST WHEEL SPACERS

Machining minimizes tire runout and improves hub retention.

M TIRE PRESSURE MONITORING SENSORS

Monitor and view tire pressure through the AFS Pro 1200 display.



EFFICIENT POWER IN ANY APPLICATION

WITH TWO INDUSTRY-LEADING TRANSMISSIONS TO CHOOSE FROM, CASE IH CAN DELIVER THE OPTIMAL CHOICE TO MATCH THE REQUIREMENTS OF YOUR OPERATION.

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 | 400 |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Maximum Boosted Engine HP @ 1,800 engine rpm | 225 | 245 | 260 | 270 | 320 | 350 | 380 | 410 | 435 | NA |
| PowerDrive Transmission | ● | ● | ● | NA | ● | ● | ● | ● | NA | ● |
| CVXDrive Transmission | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | NA |

● Standard Transmission ○ Optional Transmission



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.



▲ 6.7L engine

◀ 8.7L engine





SERVICEABILITY AND SUPPORT

Whether you are three miles or 300 miles away, you can get the support you need from your knowledgeable Case IH dealer. New features on the AFS Connect Magnum tractor allow them to better support you and your fleet remotely — and in real time. And when you do need service, they are ready to help you eliminate unnecessary downtime. There is no more waiting for a service truck to drive to the farm to diagnose an issue or driving around looking for the right part.

DAY-TO-DAY SERVICE IS AS EASY AS STANDING UP

Checking transmission oil, hydraulic fluid or filters is easier than ever before. Ground-level fluid checks from a single location near the cab entry help you to stay on top of maintenance as quickly as possible. And an industry-leading, 600-hour engine oil service interval keeps you in the field.



REMOTE SUPPORT FROM YOUR KNOWLEDGEABLE DEALER

Every minute in the field counts. From setting up your AFS Connect Magnum tractor to diagnosing machine codes, your dealer is just a call away to provide you remote support to keep you up and running.

- **Remote Display Viewing:** No matter where you are in the field, you can grant access to your dealer so they can walk you through display setup for any application at hand.
- **Remote Service Support:** Your dealer can help you remotely diagnose machine codes. That way, you'll know if it's an operator error, regular maintenance or service need. And when you need a part or service, your dealer will know which one to bring out to the farm.
- **Remote Software Updates:** Your local Case IH dealer can remotely update your operating firmware wirelessly to take advantage of updates, functionality and enhancements.



| AFS CONNECT MAGNUM MODEL | 180 | 200 | 220 | 240 | 250 | 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 |
| Maximum Engine HP @ Rated 1,800 rpm ISO / ECE R120 (CV) | 200 | 220 | 240 | 260 | 285 | 315 |
| Maximum Boosted Engine 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 | | | Standard | | |
| ELECTRICAL | | | | | | |
| Alternator / Battery | 240 amp / 12-volt battery | | | 240 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 | | | | | |
| 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 | | | 4.5 in. (115 mm) | | |
| Rear Axle Length (Standard / Optional) | 119 in. (3020 mm) / 112 in. (2489 mm) | | | 120 in. (3050 mm) / NA | | |
| Suspended Front Axle | Optional | | | | | |
| MFD Tread Adjustability | 60 – 88 in. (1524 – 2235 mm) | | | | | |
| MFD Duals | Optional on Class 4.75 axles | | | Optional | | |
| Wheelbase (PowerDrive / CVXDrive) | 118 in. (3000 mm) | | | 120 in. (3050 mm) / 122 in. (3100 mm) | | |
| HYDRAULICS/HITCH | | | | | | |
| System Type | Pressure Flow Compensating (PFC) | | | | | |
| Remotes (Standard / Optional) | 3 electrohydraulic / 4 or 5 electrohydraulic | | | 4 electrohydraulic / 5 or 6 electrohydraulic | | |
| 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-point hitch (Standard / Optional) | Cat III/IIIN / NA | | | Cat III/IIIN / Cat IV/III | | |
| Standard Hitch Lift Capacity | 13,600 lb. (6170 kg) without quick coupler; 13,000 lb. (5900 kg) with quick coupler | | | 14,000 lb. (6350 kg) | | |
| Optional Front 3-point hitch Lift Capacity | NA | | | 9,426 lb. (4275 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. (9750 kg) | | | 28,600 lb. (12973 kg) | | |

| AFS CONNECT MAGNUM MODEL | 310 | 340 | 340 ROWTRAC | 380 | 380 ROWTRAC | 400 | 400 ROWTRAC |
|---|---|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|------------------------|
| ENGINE | | | | | | | |
| Engine Type | Tier 4 B/Final with Selective Catalytic Reduction (SCR) | | | | | | |
| Engine HP | 310 @ rated 2,000 rpm | 340 @ rated 2,000 rpm | 340 ROWTRAC | 380 @ rated 2,000 rpm | 380 ROWTRAC | 400 | 400 ROWTRAC |
| Maximum Engine HP @ Rated 1,800 rpm ISO / ECE R120 (CV) | 345 | 375 | 340 ROWTRAC | 415 | 380 ROWTRAC | 435 | 435 |
| Maximum Boosted Engine HP @ Rated 1,800 rpm ISO / ECE R120 (CV) | 380 | 410 | 340 ROWTRAC | 435 | 380 ROWTRAC | 465 | NA |
| PTO HP per SAE | 265 @ rated 2,000 rpm | 290 @ rated 2,000 rpm | 340 ROWTRAC | 315 @ rated 2,000 rpm | 380 ROWTRAC | 400 | 345 @ rated 2,000 rpm |
| Cylinders / Number of Valves / Displacement | 6 cyl. / 24 valves / 8.7 L | | | | | | |
| Engine Aspiration | Turbocharger eVGT | | | | | | |
| Engine Compression Brake | Standard | | | | | | |
| ELECTRICAL | | | | | | | |
| Alternator / Battery | 240 amp / 2 12-volt batteries | | | | | | |
| TRANSMISSION/ PTO | | | | | | | |
| PowerDrive: 18 Speed–25 mph (40 kph) | Optional | Standard | 340 ROWTRAC | NA | 380 ROWTRAC | 400 | NA |
| PowerDrive: 19 Speed (Economy)–25 mph (40 kph) | Standard | Standard | 340 ROWTRAC | NA | 380 ROWTRAC | 400 | NA |
| PowerDrive: 19 Speed–30 mph (50 kph) | Optional | Standard | 340 ROWTRAC | NA | 380 ROWTRAC | 400 | NA |
| PowerDrive: 21 Speed (Economy)–25 mph (40 kph) | NA | | | Standard | | Standard | |
| PowerDrive: 21 Speed (Economy)–30 mph (50 kph) | NA | | | Optional | | NA | |
| CVXDrive Transmission: 25 mph (40 kph) | Optional | | Standard | | NA | | |
| CVXDrive Transmission: 30 mph (50 kph) | 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 | | 5 in. (127 mm) / NA | | NA |
| Rear Axle Length (Standard / Optional) | 120 in. (3050 mm) / NA | | NA | | 120 in. (3050 mm) / NA | | NA |
| Suspended Front Axle | Optional | | | | | | |
| MFD Tread Adjustability | 60 – 88 in. (1524 – 2235 mm) | | | | | | |
| MFD Duals | Optional | | | | | | |
| Wheelbase (PowerDrive / CVXDrive) | 120 in. (3050 mm) / 122 in. (3100 mm) | | 124 in. (3150 mm) | | NA / 124 in. (3150 mm) | | 124 in. (3150 mm) / NA |
| HYDRAULICS / HITCH | | | | | | | |
| System Type | Pressure Flow Compensating (PFC) | | | | | | |
| Remotes (Standard / Optional) | 5 electrohydraulic / 6 electrohydraulic | | | | | | |
| Main Implement Pump Flow | 44 gpm (166 L/min.) / 59 gpm (225 L/min.) or 75 gpm (282 L/min.) | | | | | | |
| Rear 3-point hitch (Standard / Optional) | Cat III/IIIN / Cat IV/III | | Cat IV/III / NA | | | | |
| Standard Hitch Lift Capacity | 15,900 lb. (7210 kg) | | 17,500 lb. (7940 kg) | | 19,900 lb. (9026 kg) | | 19,900 lb. (9026 kg) |
| Optional Front 3-point hitch Lift Capacity | 9,426 lb. (4275 kg) | | | | | | |
| Front Hitch PTO Speed | 1,000 rpm | | | | | | |
| PTO Shaft Size | 1 3/8 in. (35 mm) shaft 21 spline / 1-3/8 in. dia. 6 spline and 1-3/4 in. dia. 20 spline available from parts | | | | | | |
| 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. (13082 kg) | 29,600 lb. (13458 kg) | 36,000 lb. (16329 kg) | 32,200 lb. (14148 kg) | 36,000 lb. (16329 kg) | 32,200 lb. (14148 kg) | 36,000 lb. (16329 kg) |



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