

BE READY. MAGNUM™ SERIES TRACTORS

CASE II
AGRICULTURE



HELPING PRODUCERS MEET THE WORLD'S DEMANDS.

The world keeps demanding more from your farm. More food. More grain. More fuel. And all from less available land. Case IH helps you meet these demands with innovative technologies created from listening to what producers want. By offering equipment that delivers unmatched power and performance, built with the understanding that you need maximum uptime under all conditions – and an operator environment that helps you through it. The Magnum Series tractors let you farm how you see fit and make sure you'll be ready for the challenges ahead.

LEADING THE INDUSTRY

4-5

OPERATOR ENVIRONMENT

6-7

POWER AND PERFORMANCE

8-11

MAGNUM FAMILY OF TRACTORS

12-13

ENGINES

14-15

SCR TECHNOLOGY

16-17

AFS ACCUGUIDE™

18-19

INTUITIVE INNOVATION

20-21

MAXIMUM UPTIME

22-23

SYSTEMS APPROACH

24-25

PRODUCT SPECIFICATIONS

26-27

POWER AND PRODUCTIVITY IN THE TOUGHEST CONDITIONS.

You don't have to sacrifice performance to meet new emission regulations. Or settle for less fuel efficiency to get more power. With a tractor like the Case IH Magnum, you can answer the demands of today's farming environment. That's because these tractors have been engineered with knowledge gained by Case IH employees and dealers talking to producers in the field. Working with them to find unique solutions for covering more acres in a day, keeping you in the field as long as you need and even giving you a more comfortable, intuitive cab. Everything Case IH has learned from producers went into the new Magnum tractors. Because Case IH wants to do everything it can to help you be ready.



OPERATOR ENVIRONMENT

The cab of Case IH Magnum tractors is designed knowing just how much is riding on being productive during those long hours in the field. So these tractors deliver comfort, convenience and more control over your environment with features that let you be ready to work even longer when you need to. (For more, see pages 6–7.)

POWER AND PERFORMANCE

Case IH delivers the most efficient power ever. And all of that power is harnessed by a heavy duty frame engineered to make the most of it. (For more, see pages 8–9.)

INTUITIVE INNOVATION

Case IH has more people working hand in hand with farmers to reach one goal: helping them be ready for the challenges ahead with easy-to-understand controls, improved technologies and more efficient power. (For more, see pages 20–21.)

MAXIMUM UPTIME

Built into every Magnum tractor is the goal of keeping you working in your fields while reducing maintenance and costly downtime. It's part of how we designed the frame, the powertrain and even where we locate daily maintenance checks. And it's why Case IH dealers and service technicians are expertly trained to keep you running. (For more, see pages 22–23.)

AN OPERATOR ENVIRONMENT THAT GIVES YOU MORE CONTROL OVER HOW YOU FARM.

You need to get the most from the hours you put in the field. Your tractor cab should help you work comfortably every minute of the day. Case IH Magnum tractors feature a cab that allows greater comfort while in the seat, and engineering that stabilizes your ride, reducing the shaking and bumping of uneven terrain. All with controls that are close by and easy to use. It's an operator environment that helps you work through your fields, in any condition.



SOMETIMES YOU NEED TO WORK MORE THAN JUST ALL DAY.

It's unavoidable. Circumstances often require you work in darkness. Magnum tractors offer 360-degree visibility with bright HID lights, so you can always see around the tractor and implements. You can even see the outside row units of your largest planter. So you can get out and make an adjustment, fuel up or do whatever you need on those long days that require everything you have.



WORK LONGER AND STRONGER WITH THE FOUR-WAY SUSPENDED CAB.

The simple suspension in a Case IH Magnum cab stabilizes front-to-back and up-and-down motions. Giving the operator a smoother ride across the field and keeping you from bouncing around while working on uneven terrain. It frees you up to focus on the job and provides you with more control over your tractor. Without the fatigue and soreness that comes at the end of a long shift.



GIVING YOU PEACE OF MIND BY GIVING YOU PEACE AND QUIET.

It's not always a solitary job. Important information comes over the radio. You have to make a phone call. A rider in the instructional seat needs to hear what you have to say. Your business must operate even when you're getting work done. Magnum tractors feature a quiet cab that lets you handle all the tasks that come up in your day. At field speeds, the Magnum series offers an impressive 69 dBa. It's a design that understands today's producers are experts at multi-tasking. There's no other way.



- A** MULTICONTROL ARMREST
- B** AFS PRO 700 TOUCH SCREEN
- C** LEFT-HAND CAB STORAGE AREA
- D** LUXURY CARPETED FLOOR REDUCES NOISE LEVELS FROM TRANSMISSION/DRIVETRAIN
- E** INSTRUCTIONAL SEAT
- F** HEATED SEAT: 4-POSITION SWITCH WITH THERAPEUTIC, CONTOURED FIT
- G** AIR FILTRATION AND AUTO CLIMATE CONTROL



THE NEWEST OPERATING CONTROLS BUILT THE WAY PRODUCERS WANTED.

We relied on extensive input from producers to design the new MultiControl armrest console in our Magnum tractors. Key functions are at your fingertips. And it includes the largest touch screen in the industry, the AFS Pro 700. Seamlessly control autoguidance functions, hydraulic flow and other adjustments. For even easier use, the touch screen can be customized to display the operating information most important to you. Work with third-party implements and move it between Case IH equipment, too. All this functionality from one screen. Because that's the way you wanted it.

PRECISION POWER THAT PUTS YOU IN TOTAL CONTROL.

Nothing performs quite like a Case IH Magnum tractor. It gives you versatility and adaptability in the field with freedom to adjust it for any number of applications on your farm. Advanced, efficient hydraulics and a solid front-axle suspension generate consistent dependability. Its industry-leading turning radius sets you up to do anything your farm demands. And the Magnum tractors' proven engines give you the power to increase productivity.

ENGINES THAT ARE PROVEN.

The Magnum series tractors use 6.7L and 8.7L engines produced by FPT Powertrain Technologies, a Case IH sister company. FPT, one of the world's largest engine manufacturers, produces nearly 3 million engines a year.

FPT provides the research and testing required to deliver the reliability and durability needed to power today's agricultural tractors. The 6.7L and 8.7L engines are used in Magnum series tractors, as well as the Puma® and Steiger® tractor series, and Case IH Axial-Flow® combines.



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 keeps the wheels to the ground for stability, traction and control over rough terrain. And it provides a better ride at higher speeds. This simple design keeps you from bouncing and jarring in the cab. The solid construction requires less maintenance than other systems. Its suspension is ready to perform anywhere you need the Magnum to go.



STRONG, VERSATILE HYDRAULICS READY FOR EVERYTHING.

Hydraulic flow that handles all your row crop applications and even takes care of loader and mower work. It allows you to be ready for anything. Plus, the new flow-compensated, quick-connect valves make your operation even more efficient. Set the system how you want, and it adjusts for changing conditions through the day.



NO OTHER ROW CROP TRACTOR GIVES YOU A BETTER TURNING RADIUS.

The Magnum's industry-best turning radius supplies you with precise, tight turns. It's top-of-the-line maneuverability created without sacrificing tractor strength. The improved Surround Frame helps deliver power to the ground for those applications that absolutely must have it. It's the versatility you demand from a row crop tractor.



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, and is built with future emissions regulations in mind. A transmission that makes the most of every day with ultra-smooth shifting. Sturdy, heavy-duty axles that not only deliver power to the ground, but also provide the industry's tightest turning radius. It's the powertrain that harnesses all that impressive power and puts it to the ground in a way no other tractor can match.

PROVEN PERFORMANCE FROM AN ENGINE READY FOR ANYTHING.

The proven 8.7L Case IH engine powers the Magnum series through the toughest field conditions with up to 14% power growth plus up to 35 engine hp Power Boost. New Tier 4A technology provides 10% lower operating costs than previous models.

AXLES BUILT FOR COVERING MORE ACRES.

MFD front axle with Saddle Suspension improves productivity through better traction.

MAKE YOURSELF COMFORTABLE

Surveyor Cab with New MultiControl Armrest provides industry leading ergonomic controls.

CAB SUSPENSION

New optional Cab Suspension provides a smooth, comfortable ride.

POWER SHIFT

Proven 19 speed Full Power shift transmission delivers smooth power transfer for field or road. Diesel Saver™ APM provides maximum fuel efficiency, managing engine rpm and transmission speed.



A NEW ERA IN FARMING. A NEW MAGNUM FAMILY OF TRACTORS.

More than ever before, today's powerful lineup of Magnum tractors has been engineered to make your job easier and more productive, allowing you to keep up with the demands of farming in the 21st Century. Delivering an impressive 150 to 290 PTO hp (234-389 max hp), there's a Magnum tractor perfectly suited to your needs. The Power Boost feature provides up to an additional 35 hp through hydraulic boost and power growth. And Magnum comes AccuGuide™ Auto-Guidance-ready, allowing you precise, hands-free operation. Be ready for the challenges ahead with the all new Magnum tractors from Case IH.



UNLIMITED POSSIBILITIES FOR MAXIMUM VERSATILITY.

THE 180 TO 225 MAGNUM TRACTORS

Unparalleled power makes these row crop tractors unbeatable. Get the maximum benefit from your Magnum 180-225 (rated at 150 PTO hp to 195 PTO hp) with either the standard, 19-speed full powershift transmission or the industry's leading Continuously Variable Transmission to provide smooth power to the ground. The CVT has infinite gear ratios that allow the Magnum's operating controller logic to find the perfect balance of power and efficiency for the work you need to get done. These limitless possibilities let the CVT find the best gear ratio through varying conditions, giving you improved fuel economy and more efficient performance.



POWER FOR MORE ACRES IN A DAY.

THE 235 TO 340 MAGNUM TRACTORS

Horsepower from 195 to 290 PTO hp with industry-leading power growth of up to 14 percent, now with 35 horsepower of additional power boost, gives the Magnum 235 to 340 series of tractors the power to take on the toughest tasks. More built-in ballast improves traction, reduces compaction and means your tractor's horsepower gets to the ground. And you control it all from the Surveyor® cab, the industry's largest. It has a heated, contoured seat for a more comfortable ride. Plus, more glass than any other cab, so you can see all the angles.

MORE ENGINE PRODUCTIVITY, LESS FUEL.

Case IH high-horsepower diesel engines feature the groundbreaking engineering of sister company FPT Powertrain Technologies. They offer the next level of performance and fuel economy, and industry-exclusive options like engine braking to reduce wear and increase control. Most importantly, Case IH SCR technology delivers a 10 percent operating cost improvement. Because Case IH wants your work to be more productive and profitable, and these engines were developed to make that happen.



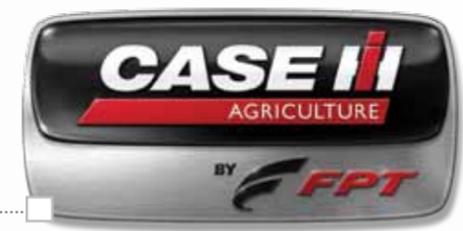
6.7-LITER ENGINE MAGNUM 180–225 TRACTORS.

The Magnum 180-225 row crop tractors are powered by our 6.7-liter engine. The reliable, proven performance of this engine was first introduced by Case IH in 2003 on Maxxum Series tractors, later in the Puma Series in 2007, and finally in our mid-horsepower Magnum Series tractors since 2009. The design melds optimum fuel efficiency with quick response to changing conditions and the quality and reliability to handle the toughest farming conditions under heavy engine loads. And, like other engines in Case IH tractors, it is Tier 4A compliant and features the Selective Catalytic Reduction system to meet more restrictive emission standards without sacrificing fuel economy or performance.



8.7-LITER ENGINE MAGNUM 235–340 TRACTORS.

The 8.7-liter engine powers the Magnum 235 through 340 tractors and is designed to meet the tough conditions found in agriculture under heavy engine loads, delivering optimum fuel efficiency and ease of service. This proven engine was first introduced by Case IH in Axial-Flow® combines in 2006. It's ready for your toughest field conditions with up to 35 additional engine hp at 2,000 rpm rated speed. And it's all compliant with the next stage of emissions standards that require cleaner exhaust.



CARED FOR BY CASE IH EXPERTS FROM CONCEPT TO CALIBRATION.

The engines in Magnum tractors come from Case IH sister company FPT Powertrain Technologies. And we engineer, design and test them at our Burr Ridge, Illinois, facility, birthplace of the Farmall tractor. It's the same place where our high-horsepower tractors are engineered, and it ensures we maintain an exceptional standard of durability and reliability. FPT engines also mean that Case IH dealer service technicians are expertly trained to maintain your engine – at your local Case IH dealer.

CASE IH SCR TECHNOLOGY — MORE PRODUCTIVITY, LESS FUEL

Since the U.S. Environmental Protection Agencies (EPA), Environment Canadian (EC) and the European Union (EU) began tightening emission requirements, environmental improvements usually meant producers had to sacrifice performance. Not anymore. Case IH's new Selective Catalytic Reduction (SCR) technology lowers emissions while improving engine horsepower capability, engine responsiveness, fuel economy and engine reliability. It's an innovative approach created from listening to farmers who asked for a way to meet more exacting government standards without sacrificing production. And it makes SCR the superior solution for engines over 100 hp.



In an SCR system, exhaust gas enters a catalytic chamber where it breaks down into harmless water vapor and nitrogen.

- A** DEF Supply Module controls the supply of DEF to DEF injector.
- B** Exhaust gases leave the turbo outlet and travel to DEF injector location.
- C** DEF injector injects a light mist of DEF into exhaust stream.
- D** DEF mixes with exhaust gas and neutralizes NOx.
- E** During the reaction, harmless nitrogen vapor and water vapor is released through the exhaust stack.

THE EXHAUST LOOKS AS CLEAN AS THE INTAKE AIR.

Case IH's SCR after-treatment system converts nitrogen oxides into nitrogen and water. The change is triggered by a nontoxic, odorless mixture called Diesel Exhaust Fluid (DEF). Plus, the engine design maximizes power and performance, which reduces particulate matter created by incomplete fuel burning. Your bottom line? 10 percent lower operating costs.

A FRESH APPROACH THAT GETS THE MOST OUT OF YOUR TRACTOR.

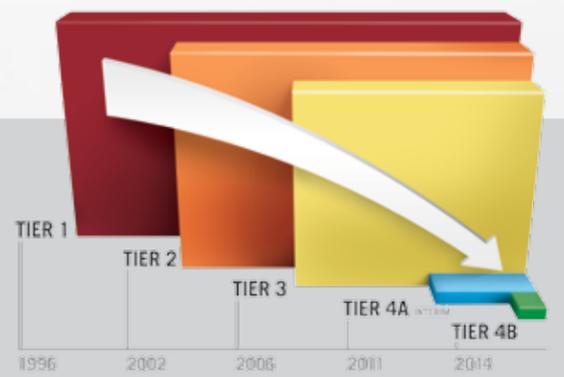
Case IH's SCR solution maximizes horsepower because the system is separate from the engine. This design also leads to better fuel economy and improved engine durability, while still giving you more flexibility to choose among diesel fuel varieties and grades. And it's been tested, too. Case IH sources engines from sister company FPT Powertrain Technologies, which has years of experience with SCR systems. Since 2006, FPT has sold more than 100,000 vehicles equipped with SCR technology.

TECHNOLOGY PROVEN OVER MORE THAN 20 MILLION MILES.

Industry engineers call SCR a must-use solution for meeting stringent Tier 4B emissions standards in 2014. SCR was pioneered with the help of FPT Powertrain Technologies, Case IH's engine partner, and the trucking industry has relied on these fuel-saving systems for years. FPT-powered trucks have traveled more than 20 million miles using SCR technology. SCR is no short-term answer. It's the way forward.

NEW STANDARDS ARE HERE.

Tier 4 emissions regulation phase-in starts in 2011 with an interim phase and takes full effect starting in 2014. The standards will represent a 90 percent reduction from Tier 3 standards in nitrogen oxides and particulate matter created during the combustion process. Nitrogen oxides affect weather conditions that could lower crop yields. Particulate matter represents soot, or unburned fuel, and appears as black smoke. Both are created during the combustion process.



EPA allowable levels of emissions (PM/NOx).

A SIMPLE AUTOGUIDANCE SYSTEM, FROM FACTORY TO FIELD.

The factory-installed AFS AccuGuide™ autoguidance system offers unsurpassed dependability and convenience. Building the system with the tractor at the Case IH plant ensures correct installation, testing and a higher level of quality. And your tractor arrives closer to field ready when it gets to the dealer because you don't have to wait for a technician to install additional components. An autoguidance system simplifies your work. Getting that technology on your tractor should be just as easy.



PRECISION COMPONENTS THAT MATCH THE WAY YOU FARM.

The AFS AccuGuide is an easy-to-use autoguidance system that eliminates the need to steer in open fields. Its display, controller and receiver move freely among equipment. Meaning you can focus on maximizing yields with the latest technology working for you. With features like sub-inch repeatable autoguidance accuracy.



STRAIGHT. IDENTICAL. REPEATABLE.

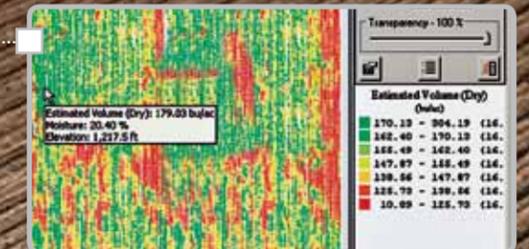
They're words you'd expect an autoguidance system to deliver for you. And it does. Eliminating guesswork of row spacing to ensure each one is identical, meaning fewer end-of-row turns and overlaps.

It maintains perfectly straight and repeatable rows with RTK accuracy. And it controls traffic patterns and decreases compaction, benefits that bring higher yields. That adds up to less stress and fatigue for you at the end of the day. Meaning you're more relaxed and prepared for the next day's work.

SOFTWARE THAT HELPS YOU ANALYZE PRODUCTION.

AFS desktop software pulls together numerous sources of data about your farm and gives you the information you need to consider how things are changing.

Layer yield and moisture maps over aerial photographs, and compile additional useful information with precision farming help from third-party information providers. Customize charts, graphs and layered maps for further analysis of variety/hybrid, plant population and soil topography. Compare dimensions and field-to-field yields from year to year. Because autoguidance doesn't stop working for you once you get out of your tractor.



INNOVATION BORN IN THE FIELD. NOT IN THE BOARD ROOM.

Case IH customers help develop the technologies that make our Magnum tractors more efficient and easier to use. That's because our engineers work with producers in the field, then use that feedback to build even better designs. Case IH dealers and technicians engage those who use our products, get to learn how they work and find ways to improve results. It's how we've created solutions to meet exacting new emissions standards, improve fuel economy and find ways to work more acres in a day. It's also how we've developed a more comfortable cab with easy-to-use controls for those extra-long hours in the field. Farming is changing. Magnum tractors are changing with it, so we can help you be ready.



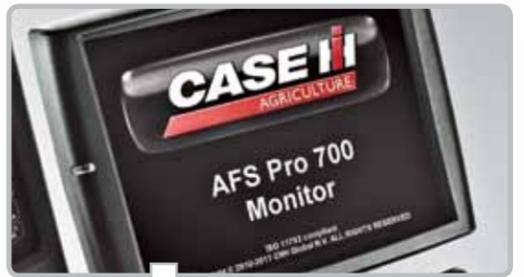
SOLUTIONS FOR EPA TIER 4 EMISSIONS STANDARDS.

Laws governing emission standards are changing. New, far-reaching limits take effect in 2011, and Case IH's Selective Catalytic Reduction (SCR) engines ensure you're prepared. Having the SCR system separate from the engine maximizes horsepower, and allows increased fuel economy and durability. You don't have to sacrifice power and performance to meet tougher environmental standards. (For more, see pages 16-17.)



SET THE GROUND SPEED YOU NEED. WE'LL DO THE REST.

The Diesel Saver™ Automatic Productivity Management system takes the guesswork out of setting the right gear/rpm combination. It does the job for you. Wet spots and hills shouldn't affect your fuel economy. Diesel Saver keeps you moving at the same speed and gives you up to 25% improvement in fuel economy and power performance through the changing field conditions. No one else offers a more effective solution. Or a simpler one.



AN EFFICIENT CASE IH CVT TECHNOLOGY ALWAYS WORKING FOR YOU.

No one can match the Continuously Variable Transmission in Case IH's 180 hp to 225 hp Magnum tractors. It leads the industry in delivering dependable power to the ground, no matter what the task. The CVT helps Magnum tractors produce the useful power your jobs demand – with improved fuel economy and more efficient performance. It's designed to help get the most out of your work.

A TRACTOR THAT WORKS WITH THE TOOLS AND TECHNOLOGIES YOU NEED.

New technology opens up more ways to farm and adds possibilities. The Case IH AFS Pro 700 color display puts those opportunities at your fingertips with improved tractor management and control over Case IH planters, sprayers and drills. Plus, it features ISO11783-compliant instrumentation that works with third-party manufacturers. It's a touchscreen monitor with the flexibility that keeps you ready to farm your way.

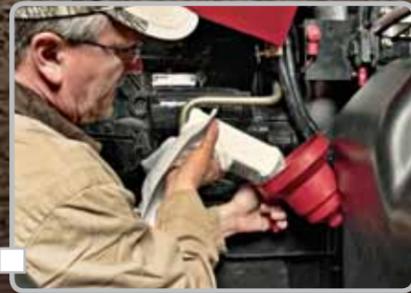


WE WANT YOU TO USE A MAGNUM TRACTOR. NOT WAIT FOR IT TO BE USABLE.

Crops don't wait for repairs. Maximum yields require maximum uptime, and Magnum tractors are designed with this in mind. We make it part of every feature, from daily maintenance to working with any implement. With special attention paid to having ground-level service. And Case IH dealers and technicians are certified to keep you running. The engines too. Maximum uptime is always on our mind. Because it's always on yours.

DAY-TO-DAY SERVICE THAT'S AS EASY AS STANDING UP.

Checking your tractor's transmission, oil or hydraulic fluid can be done while standing on the ground. No steps to climb or hard-to-reach places. Because your tractor needs to keep running, and the Magnum makes it easy for you to keep on top of maintenance as quickly and effortlessly as possible. And Case IH dealers and technicians are ready to handle any service issues to keep you going. We also have a 600-hour engine oil service interval, because giving you maximum uptime is part of every tractor Case IH makes.



HELD TO THE SUPERIOR STANDARDS YOU DEMAND.

We want to deliver the quality you expect, so we design the components of our Magnum tractors ourselves. They are built to exacting Case IH standards. Plus, we manufacture our own high-quality gears and drivetrain to maximize durability and reliability. Quality control stays in house to reduce unwanted issues. Doing it our way means your Case IH tractor is going to last year after year, and it'll stay ready for any demand you put on it.



IMPROVE PRODUCTIVITY WITH PROPER WEIGHTING AND BALLASTING.

Maximizing the Magnum's power requires the tractor to be properly weighted and ballasted. Magnum tractors are designed for optimal weight distribution. No need to worry about loss of traction and increased compaction in tough field conditions. And proper weight distribution saves you money by providing improved fuel economy. A tractor has to do more than just work. Magnum tractors work as efficiently as possible.



MAXIMUM SERVICE TO GET MAXIMUM UPTIME, SEASON AFTER SEASON.

Case IH offers Max Service, the first owners support network in the industry. And it comes with no extra cost to you. Max Service delivers manufacturer-direct assistance to you and your Case IH dealer. If you need service, parts or just have a question, Case IH staff will quickly respond to your unique situation. Your Case IH dealer already has a full line of parts and components, full-service maintenance programs and industry-leading warranties. Max Service gives you even more resources to boost productivity with your Case IH equipment. And minimize downtime. Because your complete satisfaction is our goal. Your dealer and Max Service are here for you whenever you need help at 1-877-4CASEIH.

MAX SERVICE 1-877-422-7344
100% Availability. 100% Support.

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

Case IH has more professionals in the field to keep you productive. Our dealers have the experience to help you manage your equipment to maximize yields and your bottom line. Parts and service technicians have the expertise to assist you before, during and after the sale. And CNH Capital will work with you to customize financing solutions to identify what works best for your needs and your farm. It's an integrated equipment, maximum service and financing system in one package. All of it focused on your operation.

KNOWLEDGEABLE DEALERS THAT WORK WITH YOU.

Your Case IH dealer understands you need an optimum return on your investment. That means fitting the right horsepower and capabilities with the tools and implements that best fit your farm. Your dealer can recommend the appropriate options package, with proper tires, weighting and ballasting packages for optimum performance. And he or she will analyze results with you, field by field.



ALL THE PARTS AND SERVICE TO KEEP YOUR EQUIPMENT RUNNING.

Find the full line of Case IH parts and components at your local dealer. Plus full-service maintenance programs and industry-leading warranties. It's expertise applied by skilled, factory-trained service professionals committed to providing you maximum uptime, season after season.



OFFERING FINANCING SOLUTIONS FOR MORE THAN 50 YEARS.

CNH Capital's extensive experience in the agricultural industry has created a deep understanding of your unique needs. Competitive equipment financing with flexible payments can be timed to your cash flow. Or, conserve capital and reduce upfront payments with operating lease options. For other needs, choose from commercial revolving accounts specific to the agricultural industry. We can even help you protect your equipment investment with a wide variety of insurance and equipment protection products. There are financing options that fit the way you farm. CNH Capital helps you find them.



FAMILY FARMERS COUNT ON MAGNUM TO GROW BUSINESS

The versatile power of a Magnum tractor led Brad Johnston to make it his choice for growing the business his father had been running. Brad went with a Magnum recently to expand his family's wheat, barley and canola business to include a contracting operation that did sowing, harvesting, windrowing and baling for nearby farmers. "I stuck with the Magnum because it is a front-wheel assist tractor with the power of an articulated tractor without the limitations," Johnston said. "Plus, it provides us with the horsepower we need for any future growth, particularly on the contracting side of the business." That contracting business is no small-time effort. It accounts for 20 percent of his family's annual profits – and they already have an eye on adding more work. Preparing for future challenges is the key to his family's success, and the Magnum – along with his local Case IH dealer – makes that possible, Johnston said. "When I call our local dealer ... I know they'll go out on a limb to help me," he said.



POWER	MAGNUM 180	MAGNUM 190	MAGNUM 210	MAGNUM 225
Type	Tier 4A with Selective Catalytic Reduction (SCR)			
Engine hp at Rated 2,200 rpm ISO per ECE R120 (CV)	185 hp	200 hp	215 hp	231 hp
Maximum Engine hp at 1,800 rpm ISO per ECE R120 (CV)	204 hp	218 hp	233 hp	249 hp
Engine Power Boost*	Up to 35 additional engine hp @ 2200 rpm (rated speed)			
Engine Maximum Boosted hp - ISO per ECE R120 (CV)	234 hp	250 hp	260 hp	269 hp
PTO hp at Rated 2,100 rpm** per SAE	150 hp	165 hp	180 hp	195 hp
Cylinders / Displacement	6 cyl. / 6.7 L (411 cu. in.)			
Number of Valves	24			
Aspiration	Cross-Flow Aspiration / Turbocharged			
ELECTRICAL				
Alternator Standard / Optional	150 / 200 amp			
Battery	12 volt			
TRANSMISSION / PTO				
19 speed full power shift 19Fx6R with 19th Economy Gear (25 mph / 40 kph)	Standard		N/A	
19 speed full power shift 19Fx6R (30 mph / 50 kph)	Optional		N/A	
Creeper Speeds for Full Powershift	Dealer-Installed Option		N/A	
25 mph (40 kph) CVT Transmission w/ Economy Transport Mode	Optional		Standard	
30 mph (50 kph) CVT Transmission w/ Economy Transport Mode	Optional		Optional	
Creeper speeds for CVT	Standard with CVT			
PTO	540/1000 rpm 1-3/8 in. shafts and 1000 rpm 1-3/4 in. shaft			
AXLES				
Standard Rear Diameter	4 in. (100 mm)			
Rear Axle Length (Standard / Optional)	119 in. (3020 mm) / 112 in. (2485 mm)			
Suspended Front Axle	Optional			
MFD Tread Adjustability	60-88 in. (1524-2235 mm)			
Wheelbase	118.3 in. (3005 mm)			
HYDRAULICS / HITCH				
System Type	Pressure-Flow Compensating (PFC)			
Remotes (Standard / Optional)	3 / 4 or 5 Electro-hydraulic			
Main Implement Pump Flow Full Powershift**	35 gpm (132 lpm)		N/A	
Main Implement Pump Flow CVT**	40 gpm (150 lpm)			
Available Flow at Individual Hydraulic Remote Valve	31.7 gpm (120 lpm)			
3-point Hitch Category	Cat III / IIIN			
Hitch Lift Capacity (Standard / Optional)	10,200 lb. (4,626 kg) / 13,400 lb. (6,078 kg)			
Mid-Mount Valve - Optional	2 or 3 Function			
CAPACITIES				
Fuel Tank	118 gal. (446 L)			
Diesel Exhaust Fluid (DEF) Tank	15 gal. (56.7 L)			
Engine Oil with Filter	16 U.S. qt. (15 L)			
Hydraulic Fluid	26.5 gal. (100 L)			
CAB				
Cab Suspension	Optional			
Volume (Size)	109.5 cu. ft. (3.1 m³)			
Glass	68.5 sq. ft. (6.4 m²)			
Cab Sound Level	69 dBa			
WEIGHT				
Average Standard Weight***(less front weights)	21,500 lb. (9,750 kg)	21,500 lb. (9,750 kg)	21,500 lb. (9,750 kg)	21,500 lb. (9,750 kg)

*Power boost available during mobile PTO/hydraulics/transport operation. **2200 rpm for road transportation and hydraulic work, limited @ 2100 rpm for PTO and low ranges/gears. ***Average Standard Weight includes base tractor, rear duals, front weight bracket, 30 gal of Diesel

POWER	MAGNUM 235	MAGNUM 260	MAGNUM 290	MAGNUM 315	MAGNUM 340
Engine Type	Tier 4A with Selective Catalytic Reduction (SCR)				
Engine hp at Rated 2000 rpm ISO per ECE R120 (CV)	235 hp	257 hp	284 hp	312 hp	340 hp
Maximum Engine hp at 1800 rpm ISO per ECE R120 (CV)	268 hp	290 hp	317 hp	347 hp	374 hp
Engine Power Boost*	Up to 35 additional engine hp @ 2000 rpm (at rated speed)				
Maximum Boosted Engine hp - at 1800 rpm ISO per ECE R120 (CV)	274 hp	298 hp	328 hp	358 hp	389 hp
PTO hp at Rated 2000 rpm per SAE	195 hp	215 hp	240 hp	265 hp	290 hp
Cylinders / Displacement	6 cyl. / 8.7 L (531 cu. in.)				
Number of Valves	24				
Aspiration	Cross-Flow Aspiration / Turbocharged (Wastegate)				
ELECTRICAL					
Alternator	200 amp				
Battery	Two 12 volt batteries				
TRANSMISSION / PTO					
19 speed full power shift 19Fx4R with 19th Economy Gear (25 mph / 40 kph)	Standard				
19 speed full power shift 19Fx4R, (30 mph / 50 kph)	Optional				
18 speed full power shift 18Fx4R	Optional				
23F/4R Creeper speeds	Optional				
PTO Standard / Optional	1000 rpm 1-3/4 in. shaft / 1000 rpm 1-3/4 in. shaft & 540-1000 rpm 1-3/8 in. shafts				
AXLES					
Rear Axle Diameter (Standard / Optional)	4 in. (100 mm)	4 in. / 4.5 in (102 / 115 mm)		4.5 in. (115 mm)	
Rear Axle Length	120 in. (3050 mm)				
Suspended Front Axle	Optional				
MFD Tread Adjustability	60 - 88 in. (1524-2235 mm)				
MFD Duals	Optional (available only on HD or suspended front axle)				
Wheelbase	120 in. (3055 mm)				
HYDRAULICS / HITCH					
System Type	Pressure-Flow Compensating (PFC)				
Remotes (Standard / Optional)	4 / 5 or 6 Electro-hydraulic				
Main Implement Pump Flow	44 gpm (166 lpm)				
Optional Pump Flow	59 gpm (225 lpm) or 75 gpm (282 lpm)				
Available Flow at Individual Hydraulic Remote Valve	31.7 gpm (120 lpm)				
Rear 3-point Hitch Category	Cat III - IIIN	Cat III - IIIN / Cat IV-III			Cat IV-III
Hitch Lift Capacity (Standard / Optional)	12,070 lbs. (5370 kg) / 16,375 lbs. (7421 kg)	12,070 lbs. (5370 kg) / 19,500 lbs. (8845 kg)	14,375 lb (6520 kg) / 19,500 lbs. (8845 kg)		17,750 lb. (8051 kg) / 19,500 lb. (8845 kg)
Front PTO / Front 3-point Hitch	Optional				
Front Hitch Lift Capacity	9,426 lb. / 4275 kg				
Front Hitch PTO Speed and Shaft Size	1000 rpm, 1 3/8 in. 21 Spine				
CAPACITIES					
Fuel Tank	168 gal. (635 L)				
Diesel Exhaust Fluid (DEF) Tank	23.6 gal. (89 L)				
CAB					
Cab Suspension	Optional				
Volume (Size)	109.5 cu. ft. (3.1 m³)				
Glass	68.5 sq. ft. (6.4 m²)				
Cab Sound Level	69 dBa				
WEIGHT					
Average Standard Weight (less front weights)**	27,180 lb. (12,320 kg)	27,180 lb. (12,320 kg)	27,400 lb. (12,430 kg)	27,800 lb. (12,610 kg)	28,230 lb. (12,800 kg)

* Power boost available during mobile PTO/hydraulics operation, or transport speeds. **Average Standard Weight includes base tractor, rear duals, front weight bracket, 1400 lbs of rear weight, 30 gal of Diesel



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