

STEIGER AFS CONNECT

THE TRACTOR THAT WORKS FOR A FLEET,
NOW ALWAYS CONNECTED



CASE IH

CONNECT WITH THE BIGGEST FIELD CHALLENGES!

UNBEATABLE TRACTION, UNPARALLELED PERFORMANCE

The tractor series with the highest traction power in the world is now connected. The new Steiger AFS Connect provides all the strength and robustness you already know with the benefits and agronomic yields that only Precision Agriculture offers.

With the AFS Connect on your articulated tractor, you can manage data and information wherever you are, gaining maximum performance from your fleet and operation.

With 4x4 traction and available in 6 models, which have the horsepower from 420 to 620 hp, the Steiger is perfect for large scale agriculture and big implements, moving tons of farmland and operating swiftly between evolving cultivation rows.



AFS CONNECT

New system and new telemetry.

DESIGN

Renewed cab and new visual identification.

MODELS

6 options from 420 to 620 hp.

LED HEADLIGHTS

The 360° LED light bundle on the cab roof enhances visibility for nighttime work.

NEW CONFIGURATIONS

Track bar for high capacity and new remote valves set.

PERFORMANCE

Do more in less time.

GROUND POWER

- Choice of higher capacity and wider tires, measured 800/70 R38.
- Configured at maximum metal ballast by default.

FRONT AND REAR CAMERA

Ready for front and rear camera, bringing safety, visibility and comfort to operations.

AFS CONNECT

CONNECTED FREEDOM

Wherever you may be, it's now possible to monitor your Steiger remotely. The AFS Connect allows you to monitor and manage your farm, fleet, and data from anywhere, enabling the enhancement of your performance, productivity and flexibility.

Connectivity allows the access to all information from the operator. Therefore, the solutions are integrated with the AFS Connect, optimizing time and streamlining management and everyday decisions.

■ REMOTE VIEWING OF THE DISPLAY

Enables the remote viewing — after the operator's permission — of the exact screen from the tractor's cab to the operation manager or dealership.

■ REMOTE SUPPORT SERVICE

Now it's possible to work with your dealership to remotely diagnose maintenance and service issues, as well as identifying the required parts to keep the operation running, avoiding downtime of the machine.

■ REMOTE SOFTWARE UPDATE

The Case IH dealer network is able to update remotely and wirelessly the *firmware* in operation in your device so you can benefit from new features, capabilities and improvements.



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

- View each property's operations, from plantation to harvest.
- Manage satellite maps that help visualizing agronomic data so that you can make informed decisions.
- Push guidance lines, boundaries and prescriptions to equipment remotely.



Achieve higher performance by improving production time and efficiency. Receive notifications and view critical operating parameters.

- Monitor machine current performance and history.
- Plan and execute maintenance on connected machines.
- Coordinate your Case IH machines
- Visualization through the remote *display* allows the farm manager or dealership to view — after the operator's permission — what's on the tractor cab screen.



Gain relevant agronomic knowledge.

- The AFS Connect helps you manage, share and move data with ease — at the same time that guarantees total control.
- Safely share your relevant equipment data and information with your trusted partners.
- Invite your dealership to view relevant data about the farm or field operations in order to achieve fast and transparent communication.



AFS CONNECT

TECHNOLOGY

The Steiger AFS Connect delivers an integrated assembly of brand-new technologies so you can use every Precision Agriculture resource when making decisions.

1 RECEIVING ANTENNA AFS VECTOR PRO

2 DATA PROCESSING MODEM AND P&CM CONNECTIVITY

3 AFS PRO 1200 MONITOR



Receiving antenna AFS Vector Pro



Modem P&CM



AFS Pro 1200 Monitor

NEW MONITOR AFS PRO 1200 REMOTE ACCESS. COMPLETE INTEGRATION AND CONTROL

With a 12-inch LCD screen, the new AFS Pro monitor has an anti-reflective coating that enhances visibility on the field. The intuitive operational system enables the customization of the main functions and operator's preferences.

And most importantly: with the new AFS Pro 1200 monitor and active telemetry, it's possible to connect remotely to the monitor. In this way, the decision-making is integrated between operators and farm managers, improving the tractor's operational efficiency.

AFS VECTOR PRO MORE CONNECTED SATELLITES, MORE ACCURACY AND SPEED

The new AFS Vector Pro antenna is one of the main innovations from Case IH to Precision Agriculture. And the Steiger AFS Connect tractors come with this technology by default.

The AFS Vector Pro has an internal land compensation system supported by the main satellite constellations in the world (GPS, GLONASS, Galileo, QZSS, BeiDou), ensuring very high signal availability for work, with more agility and signal stability.

DATA PROCESSING MODEM AGILITY AND 4G CONNECTIVITY

With the 64 GB internal memory and 1.5 Ghz Quad Core processor, the new P&CM modem delivers 4G, 3G and 2G connectivity and fast processing and data storage. It centers the Precision Agriculture capabilities, auto pilot and telemetry, enabling a variety of easier operations, such as:

- Remote View
- Remote Support Service
- Firmware Over the Air (FOTA)



NEW CAB

The Steiger AFS Connect cab is brand-new and offers much more internal space, more ergonomic comfort and easier operation.

TAKE A LOOK AT THE MAIN NEW FEATURES:

- Luxury fabric seat with 40-degree articulation
- Rubber carpet throughout the cab
- Companion seat
- New wider, larger windshield wipers
- Telescopic steering wheel
- Instrument cluster with key machine information
- AFS Pro 1200 *display*
- Redesigned Multifunction Handle
- Configurable and color-coded electro-hydraulic remote (EHR)
- Case IH coding buttons and shortcut keys for quick access to settings
- Multi-control armrest
- 3-pin USB ports, system and power data ports
- Storage/Cup holders



UNPARALLELED ENVIRONMENT

COMFORT AND ERGONOMICS

The cab was redesigned and features an automotive-grade *design*. Features a brand-new armrest with ergonomic control and 40-degree swivel seat with high-standard fabric.

1 **MULTIFUNCTION HANDLE**

Places 95% of the most-used controls at your fingertips.

2 **MULTI-CONTROL ARMREST**

Approved design, now with encoder for total control at your fingertips.

SMARTER
+WORK
AND COMFORT
IN ANY CONDITION

AGRONOMIC DESIGN

The Steiger AFS Connect cutting-edge *design* was developed by agronomists with a focus on minimizing ground compaction and at the same time ensuring the best power transfer to the ground. Additionally, the tractor has a new identification standard for the Case IH brand that made it even more beautiful.

VISUAL IDENTIFICATION

- New Tri-Stripe sticker
- AFS Connect identity
- New “3D” Case IH stickers
- New model stickers (HP)



DIFFERENT MODELS

FOR EVERY SITUATION AND REQUIREMENT

6 MODELS TO MEET THE CHALLENGES OF THE FIELD

The Steiger AFS Connect series is the only one to offer 6 articulated tractor models. All so that you have more options to choose from when considering your usage and your property size. Each one with the power, strength and robustness you already know.



STEIGER AFS CONNECT

MODELS 420, 470, 500, 540, 580, 620

ENGINE

MORE POWER IN THE FIELD

The 12.9 liters, FPT engines with SCR emission control are according to MAR-I and are a reference for the rest of the market, with more than 25 million hours of operation in north-American farms.

These engines, compliant with Tier 4 B/ Final emissions, feature *common rail* fuel systems and an exclusive Case IH SCR emission system, delivering:

- + POWER
- + PERFORMANCE
- + FUEL-SAVING
- + TORQUE DURING OPERATION

MODELS 420, 470 AND 500

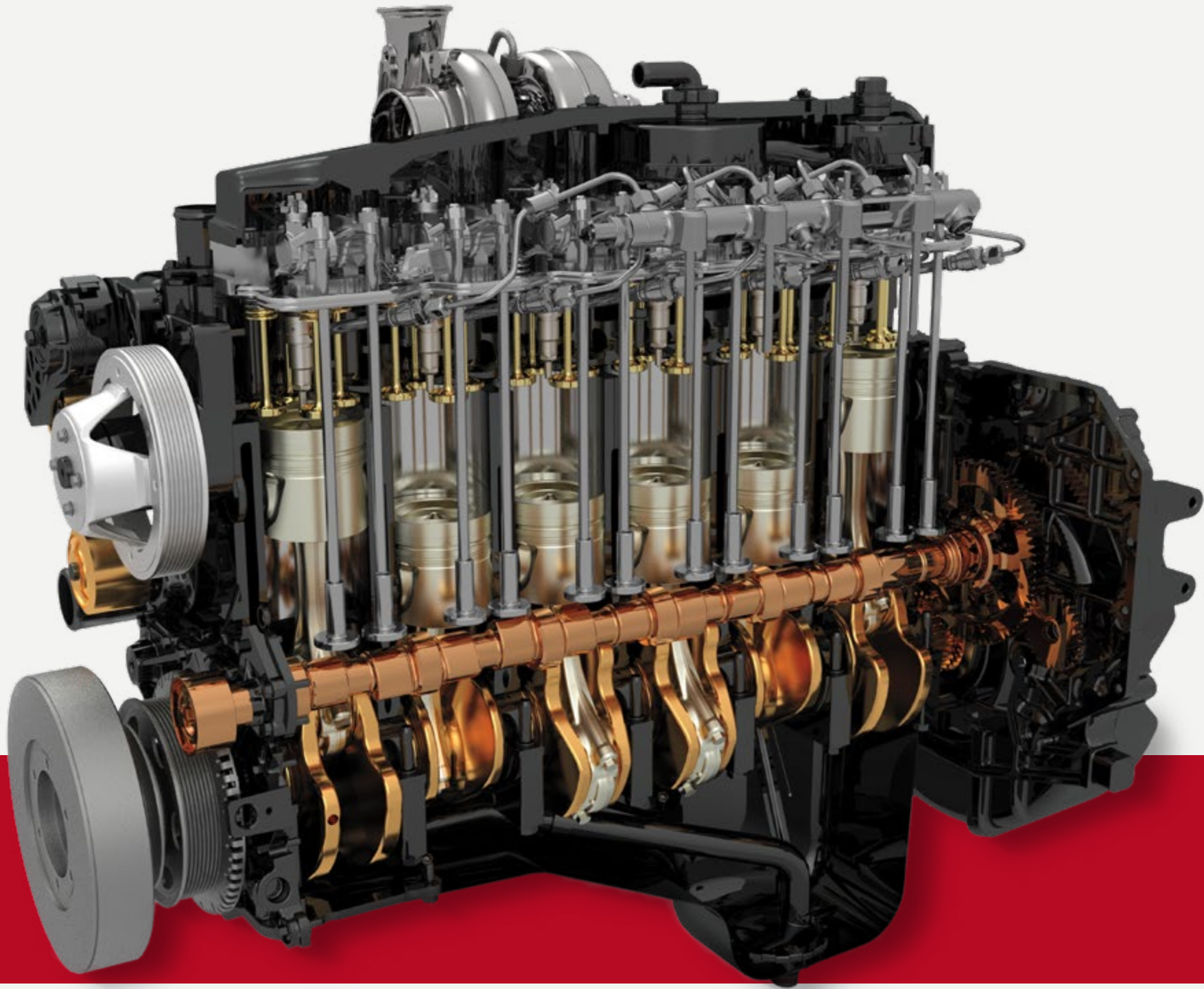
They have a single-stage turbo compressor with *common rail* fuel system in order to properly match the engine with the power and efficiency requirements.

MORE CONTROL

An option of engine brake factory-installed is available for all models in order to minimize the wear of brake pads and offer additional control when moving heavy loads, such as distributor tanks, *scrapers* or bigger implements on mountain roads.

MODELS 540, 580 AND 620

Feature a two-stage turbocharger system: a small one offers low rpm responsiveness and a second, larger one, for maximum boost at higher rpm.



POWERTRAIN

THE STEIGER DELIVERS POWER TO THE GROUND

The powertrain features a transmission that accomplishes a lot in the field with smooth displacement. The robust 4.5 to 5.5-inches axles have the best operating weight on the market and accommodate the largest in-line agricultural tires available in the industry. The Case IH powertrain harnesses this impressive power and put it in the ground in a way no other tractor can match.

MORE SAVINGS

Tests done on the 12.9 liters FPT engines, with Tier 4 B/Final system, show an advantage of 5% to 12% of operating costs in fluids (diesel and ARLA 32) when compared to the competitor's level 4 B hybrid engines.

RELIABLE TRANSMISSION

The new tractor series can be configured in order to adapt to any operation, and it's built for various applications. The robust chassis and solid axles can reach a maximum total ballast of up to 29,900 kg, meeting the most demanding tasks. The series also offers two PowerDrive Powershift transmission options. For the 420 to 540 hp models, the transmission is the PS4, and for the 580 to 620 versions, the tractor is supplied with the PS6.

GROUND POWER

MAXIMUM POWER IN EVERY SCENARIO

The biggest articulated tractor in the world is ready to work on the hardest conditions in Brazilian fields, always delivering maximum efficiency and productivity. All thanks to Steiger unique technologies.

EXTRA STRENGTH

Steiger offers the *power boost* system for difficult conditions – such as when the hydraulic system needs extra force to get through a difficult point or when there is a sudden demand for more transport speed or PTO feed.

ROBUST 4X4

Regardless of models, the 4x4 tractor series was designed to work with large equipments and implements.

The tractors are long, have narrow chassis, and offer the best displacement in the market, as well as delivering more power to the ground.

All made possible thanks to the Steiger's traditional sturdiness:

- Heavier steel chassis
- Increased thickness
- Longer wheelbase that helps to produce optimal performance.

WORK WITH THE BIGGEST IMPLEMENTS

428 L/min (standard) flowing through up to eight remote hydraulic valves an up to 9,071 kg lift capacity at the 3-point hitch (if supplied).

This hydraulic flow is what allows Steiger to work with the biggest implements in the world!

The tractors use a second hydraulic pump to supply the hydraulic flux necessary for each one of the eight remote valves. The electronic remote control, quick-connect valves make operation even more efficient, keeping flow and pressure constant, even in the harshest conditions.



MAXIMUM UPTIME

Design to work in the harshest conditions through long hours, the Steiger has a variety of features that enable more uptime on the field. This way, the producer knows they can always rely on the tractor to keep attaining record after record with each harvest.

- Only 3 key fluids = + savings
- Oil change each 600 hours = + time in the field
- Steel frame and chassis ½-inch thick and longer wheelbase = better traction
- Class 6 paint = + durability and resale value

 **1,722 LITERS**
LESS STOPS + PRODUCTIVITY

SPECIFICATIONS

STEIGER AFS CONNECT	420	470	500	540	580	620
POWER						
Rated engine power (hp)	426	477	507	542	588	629
Maximum engine power (hp)	466	517	548	598	629	669
Maximum engine power with <i>boost</i> (hp)	468	524	558	613	647	691
Maximum torque (Nm/rpm) @ 1,400 rpm	1,992	2,229	2,374	2,540	2,757	2,941
torque reserve	40%					
Cylinders	6 cylinders					
Displacement	12.9 liters					
Number of valves	24					
Emission level	MAR-I (Tier 4b with ARLA)					
Aspiration	Cross flow / turbocharged with <i>wastegate</i> valve			Cross flow / turbocharged with 2-stage dual turbo		
ELECTRICAL SYSTEM						
Start	Inverted to 24 volts. 12 V system					
Alternator	200 amp					
Battery	2 12 V batteries (1,000 cca)					
TRANSMISSION						
Type	Automatic type FullPowershift 16 x 2 (40 km/h)					
Power take-off	1,000 rpm axles 1-3/4 in.					
APM - Automatic Productivity Management	By default, for all models					
End-of-line button	By default, for all models					
AXLES						
Rear axle length	3,050 mm (120 in.)					
Front axle	HD class					
Wheelbase	3,759 mm (148")	3,912 mm (154")				
Front axle lock	By default, for all models					
Preparation and double wheelset	By default, for all models					
Wheelset	Double 800/70R38					
HYDRAULIC SYSTEM						
System type	PFC (Pessure-Flow Compensation)					
Remote control valves	6 electro-hydraulic-type valves					
Total flow	428 l/min					
3-point hitch lift capacity (kgf to 610 mm of eyebolt) – Optional	9,071 kgf	8,900 kgf				
3-point hitch category	Not configured					
Power Beyond (supplementary power system)	By default, for all models					

STEIGER AFS CONNECT	420	470	500	540	580	620
CAB						
Cab suspension	By default, for all models					
Volume (internal size)	3,7 m³					
Cab noise level	69 dBa					
Glass	8,18 m²					
PRECISION AGRICULTURE– AFS CONNECT						
Monitor Pro 1200	By default, for all models					
AFS Vector Pro Antenna	By default, for all models					
P&CM Connectivity – Cellular network	By default, for all models					
AFS Vector Pro Antenna with RTK Trimble Radio	Optional (only via AMS)					
Technical e agronomic support – Remote	By default, for all models					
Case IH AFS Connect – Telemetry by default	By default, for all models					
ISOBUS	By default, for all models					
DIMENSIONS						
Total length	7,493 mm		7,615 mm			
Total height	3,988 mm		4,113 mm			
Total width	4,419 mm		4,419 mm			
CAPACITIES						
Fuel tank	1,170 L				1,722 L	
Diesel Exhaust Fluid (DEF) ARLA Tank	174 L		250 L			
WEIGHT						
Dry shipping weight	18,216 kg	18,216 kg	19,982 kg	21,839 kg	21,839 kg	21,839 kg
Maximum allowed weight	22.453 kg	22.453 kg	25.401 kg	25.401 kg	29.937 kg	29.937 kg

CIH-IO-B1006



Customer relationship center. 24 hours per day, 7 days per week.

caseih.com/latam