

**CASE *ii***  
AGRICULTURE  
FOR THOSE WHO DEMAND MORE

# QUADTRAC

TRACTORS 375 - 628 HP



# ALWAYS A STEP AHEAD

First with four tracks - now first with CVT

Case IH has long been a leader in tractor technology – ‘firsts’ are our hallmark. Through our Steiger heritage we led the way in mass-production of 4WD articulated tractors. With the unveiling of Quadtrac in 1997 we were the first to introduce a four-tracked articulated high-horsepower tractor. And with the introduction twenty years ago of the CVXDrive transmission, we were among the pioneers of continuously-variable transmissions for tractors.

Now those achievements have been combined to create a new ‘first’ – wheeled and tracked articulated high-horsepower tractors with CVT. That means proven technology from Case IH, now blended to create the ultimate power package. So whether your operation requires a tracked or wheeled high-horsepower tractor, with PowerDrive or CVXDrive Case IH has a Steiger or Quadtrac model that will precisely fit your needs and bring more productivity, greater efficiency and reduced fuel bills to your business.

**STEIGER AND QUADTRAC. INTRODUCING CVXDRIVE.**









# MAXIMUM PRODUCTIVITY...

... to maximise your profitability





Your life is all about growing things: it's what you do. Crops, your business, your family. Steiger and Quadtrac tractors are designed to help with the challenges that brings, so that you are perfectly prepared to tackle every job in complete comfort, whatever the conditions, enabling you to get more done in your day, more efficiently. Case IH is committed to helping you maximise the things that matter – your yield potential, your return on investment and the time you can spend at home.

Steiger and Quadtrac tractors now offer a choice between PowerDrive and CVXDrive transmissions. This brings not only the ability to increase productivity through faster cycle times, but also features including full hydraulic flow at low forward speeds for applications such as seeding/drilling, and low ground speed capability for special implements and applications.

**STEIGER & QUADTRAC. NOW EVEN MORE PRODUCTIVE.**





# A STORY OF SUCCESS

A powerful heritage

**1958**

John Steiger and sons Douglas and Maurice build the first Steiger tractor in a barn on their Minnesota farm. At 238hp, it is the first articulated four-wheel drive tractor with a power output of more than 200hp.

**1982**

The Steiger Panther 1000 tractor is introduced. It is the first model to have a 12-speed full powershift transmission, electronic controls, a new deluxe cab and pressure flow compensating hydraulics.



**1988**

The distinctive Steiger lime green livery is changed for the equally famous red of Case IH, with the launch of a new range of 9100 series tractors from Fargo.



**1997**

The Steiger Quadtrac, the world's first articulated high-hp tractor with rubber tracks in place of wheels, is introduced with a single 360 hp model.







The Steiger story can be traced back more than half a century to 1958, when farming brothers Douglas and Maurice built their first articulated four-wheel drive tractor in a barn on the Steiger family farm in Minnesota, USA. Six years later production was moved to a dedicated facility in Fargo, North Dakota, where Steigers are still made today.

In 1997 came the biggest revolution yet in the articulated tractor sector. Case IH pioneered the four-tracked pivot-steer format with the launch of the Quadtrac. Since then the four-track system has been further developed and refined to create the tractor that continues to lead the high-hp tracked segment. This year marks another revolution with the introduction of the CVXDrive transmission on Steiger and Quadtrac.

## 2008

Case IH introduces Gold Signature Edition models to celebrate the 50<sup>th</sup> anniversary of Steiger tractors.



## 2010

The new Steiger / Quadtrac Efficient Power models are introduced. Fulfilling the Stage IIIB emissions levels, it is a significant step to cleaner emissions and better fuel efficiency.



## 2014

The world's strongest serial production tractor, the Quadtrac 620, is voted as the the Machine of the Year 2014 by a jury of 28 agricultural machinery journalists from across Europe.



## 2017

The Steiger 620 sets new records for drawbar fuel efficiency, drawbar horsepower and maximum pull at the internationally-renowned Nebraska Tractor Test Laboratory. For the 20<sup>th</sup> anniversary of Quadtrac tractors Case IH introduces the CVXDrive continuously-variable transmission option for Steiger 370-540 and Quadtrac 470-540 models.





# CARING FOR YOUR SOILS

## The Quadtrac difference

### PROTECTING YOUR MOST PRECIOUS RESOURCE

Its four-track design evenly distributes the Quadtrac's weight, while articulated steering maintains full power when turning without soil ridging, and allows wide implements to be pulled with ease. Minimal compaction preserves soil water-holding capacity and free movement of water, air, nutrients and roots, providing crops with the best opportunity to fulfil their potential.

### GIVE YOUR SEASON A HEAD START

Timeliness is key in modern arable farming, calling for maximum capacity and productivity. It's a challenge Quadtrac can help you overcome. So while soft soils and slippery conditions can leave wheeled and twin-tracked tractors standing, but Quadtrac design ensures maximum grip with minimal soil damage, protecting it not just for the coming season, but over the longer term too.

### THERE IS NONE BETTER

Peak outputs up to 692hp mean Steiger and Quadtrac tractors lead the industry in power and productivity. Hi-eSCR technology ensures they not only meet Stage IV emissions regulations, but also can operate to meet demands for maximum productivity or minimal fuel consumption. Operators benefit from the industry's most comfortable cab, with features including armrest controls, leather seating, easily-read pillar instrumentation and climate control.

### BUILT TOUGH ENOUGH TO HANDLE ANYTHING THAT CAN BE THROWN AT IT

Robustness and durability are Steiger and Quadtrac hallmarks. Features such as tri-point oscillation, a high-strength chassis and self-adjusting track tensioning ensure your fuel returns its investment. And now, as an alternative to the standard 16-speed PowerDrive powershift, the Case IH CVXDrive continuously variable transmission is available on Steiger 370-540 and Quadtrac 470-540 models. Select a forward speed and the engine and transmission work together to maintain output and fuel economy. The result is even better efficiency, even smoother operation, and even greater productivity.





#### **BIG ON COMFORT**

Quadtrac and Steiger tractors benefit from the biggest cab in the industry, with a unique all-round visibility. Combined cab and seat suspension systems provide a luxuriously smooth ride. Extremely low noise levels make long operating periods a pleasure, while electronic climate control ensures the perfect working environment.

#### **EVERYTHING UNDER CONTROL**

The Multicontroller armrest puts all key controls at your fingertips, including the CVXDrive transmission's. Large backlit buttons make operation easy, while the Integrated Control Panel provides at a glance all the information the operator requires. The AFS Pro 700 screen integrates systems such as AccuGuide, ISOBUS implement operation and performance monitoring.

## **IMPRESSIVE ON THE OUTSIDE**

Ingenious on the inside

The most powerful tractors currently available, the latest Case IH Quadtrac and Steiger models produce some of the market's most impressive power and fuel efficiency figures, aided by the latest HI-eSCR emissions technology. Yet, power is nothing without precision, and Case IH ensures the operator is able to control these tractors with the ultimate accuracy, courtesy of outstanding cabs that set new standards in comfort and operation. The result is machines that are the masters of productivity where high-output farming is needed.

**STEIGER AND QUADTRAC. COMFORT, CONVENIENCE, CONTROL.**







#### **HI-ESCR ONLY - NO COMPROMISE**

To deliver the highest power output of their class, Case IH Steiger and Quadtrac tractors rely on a high pressure common rail 12.9-litre FPT engine that features a two-stage turbo. Stage IV emission standards are met by way of HI-eSCR technology, without the use of a particle filter, a proven technology that delivers high levels of power and fuel economy with no compromise.

#### **SIMPLY EFFICIENT**

The dependable parallel priority Pressure Flow Compensating (PFC) hydraulic circuit delivers exactly the flow and pressure required by the application, without waste. The powerful hydraulic system, with up to eight remote valves, offers different options that deliver a flow ranging from 159 to 428 lpm. A centre-pull drawbar is connected to the main articulation joint to deliver optimal pulling power. A 1000rpm PTO is available for powered-implement applications.

#### **SMOOTH OPERATIONS**

With the introduction of the CVXDrive transmission, operations smoothness, comfort and ease reaches new heights. Seamlessly transit from field to road at maximal efficiency and discover new capabilities for your Quadtrac. The PowerDrive models rely on a dependable 16x2 transmission and make light work of long days. For maximal efficiency, all Quadtrac and Steiger models reach 40kph on the road. Automatic Productivity Management further enhances the driving experience and allows the operator to alter target speed simply, via the Multicontroller-integrated scroll wheel.

#### **NIMBLE IN YOUR FIELD**

The independent four-track design delivers maximum traction with minimum soil compaction. The four tracks work together, delivering more power to move the tractor forward. On the road, the advanced design of the tracks provides a smooth, quiet and vibration-free drive. In spite of the tractors' size, turning radius is an amazingly 4.20 metre tight, even with dual wheels!









1



2



3

# COMFORTABLE, QUIET...

... all you need to keep you in command

**1** Optional heated leather seat with passive ventilation and active suspension

**2** 40-degree seat swivelling

**3** Integrated Multicontroller armrest and AFS Pro 700 monitor

Long days have always been part of farming - yet they don't have to be tiring or leave you out of touch. Case IH cab design pushes boundaries in the Surveyor cab and allows you to work in the optimal environment.

It all starts with the proven Case IH four-point cab suspension. The system stabilises the cab in all directions and ensures a smooth ride regardless of terrain. Shock absorbing components on each cab corner combine springs, dampers and mounts to fully isolate the cab from the chassis and eliminate any possible transfer of vibrations

The comfortable seat offers plenty of support and adjustment to make long, productive days easier and more

serene. However, the optional red leather seat with active suspension and integrated heating and ventilation is the preferred choice for premium rides and supreme comfort. A 40-degree swivel eases vision to the rear of the tractor, further reducing the strain on the operator's body. Lastly, the steering wheel can be tilted and height adjusted to find the ideal no-strain driving position.

The Multicontroller armrest and AFS Pro 700 terminal are an integral part of the seat, for the ultimate in ease of operation. Meanwhile, the overall cab climate can be altered via the controls in the upper right roof console.

**STEIGER AND QUADTRAC. ULTIMATE COMFORT.**

## ADVANTAGES

- Exclusive 4-point cab suspension system
- Luxurious yet practical seating
- 40-degree seat swivelling
- Integrated Multicontroller armrest and AFS Pro 700 display
- Optional seat heating and ventilation
- Fold-down passenger seat / work tray



A

## ALL YOU NEED...

... to monitor and manage

Spacious, comfortable and ergonomic the Quadtrac cab is your office in the field! The AFS Pro 700 touch screen gives you complete control over all the tractor's automated function sequences while providing on-the-move feedback on running costs and yield.

On your right, the Multicontroller armrest puts all key functions at your fingertips. Absolute nerve centre of tractor operation it features three main key elements: the Multicontroller, the Intuitive Control Panel (ICP), and the AFS Pro 700 touch screen monitor. Everything is here at hand.

The logically laid-out and ergonomic controls means that while these tractors are at the top of the league in terms of power and capacity, they are also easy and intuitive to operate. The commands are backlit and in relief for simple operations even at night.

Case IH A-pillar displays all critical information and is clearly in view, at all time. Hence, Steiger and Quadtrac tractors are some of the easiest on the market to manage and ensure sure your operations run smoothly.

**STEIGER AND QUADTRAC. EASY TO OPERATE.**





**A** Tractor- and Performance-Monitor

**B** AFS PRO 700™ Touchscreen

**C** Multicontroller

**D** ICP – Intuitive control panel

**E** Electronic remote valve controls

**F** EHR Control





# STAY ALERT DAY AND NIGHT

## 360° LED lighting package

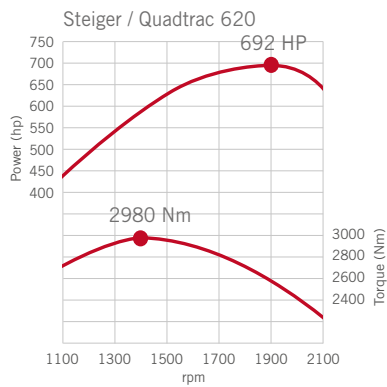
When time is critical days often extend into nights. For maximum illumination, opt for the 360° work lamp package with four HID trapezoidal lights mounted on the cab roof. Additional rear lighting is also available to improve versatility during work, as are helpful lights for exiting the tractor in the dark



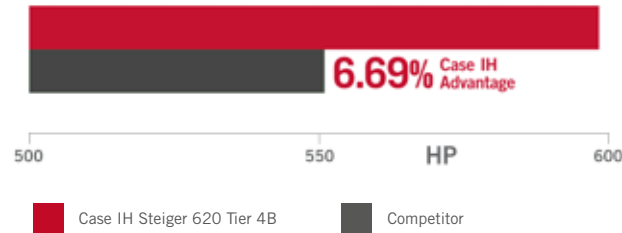








## NEBRASKA TEST DATA: DRAWBAR HORSEPOWER



# THE POWER TO PERFORM

The efficiency to surprise you

Steiger and Quadtrac's engine come from Case IH sister firm FPT Industrial. As part of the tractor design from the beginning, you can be assured of complete compatibility, efficient operation and utmost reliability. In addition, these engines use common rail fuel injection systems for quieter, more efficient operation.

Steiger and Quadtrac models produce some of the highest power outputs available, with as much as 692hp peak power available from the Steiger and Quadtrac 620. Case IH also offers the highest-horsepower CVT tractor on the market, with the Steiger 540 CVX and Quadtrac 540 CVX models producing 613hp peak power.

All models meet Stage IV regulations with the Case IH HI- eSCR selective catalytic reduction system, which minimises emissions without compromising efficiency. With no particulate filter to clean, no regeneration period and 600 hours between oil changes, average fluid operating costs (diesel plus DEF) on these tractors are 2.2% lower than comparable competitor models. That is backed by results from the internationally-renowned University of Nebraska Tractor Test Laboratory, where the Steiger 620 set new records for drawbar fuel efficiency, drawbar horsepower and maximum pull (see graph 1).

## STEIGER AND QUADTRAC. FUEL EFFICIENCY AT ITS BEST.

### ADVANTAGES

- Fully-compatible in-house engines
- Highest CVT tractor on the market for incomparable operation efficiency
- Reliable HI-eSCR technology
- No particulate filter
- 600hr oil change interval
- Superior drawbar horsepower and maximum pull
- Record-setting drawbar fuel efficiency









# POWERDRIVE

Your choice to suit your business

Quadtrac and Steiger tractors are engineered to help keep running costs to a minimum. It begins with engine and transmission technology that ensures these two key elements interact with a precision that guarantees efficient operation whatever the job.

The proven 16-speed, Steiger transmission shifts smoothly between gears for high efficiency, low wear and reduced fatigue at the end of a long day in the field. Pulse-width modulation provides the smoothest possible shifts under load in order to maintain momentum and keep power losses to a minimum. In addition, the Automatic Productivity

Management (APM) system helps the tractor save fuel and make easier, more positive shifts by maintaining constant clutch pressure. This transmission also features larger, helical-cut gears and clutch packs that deliver years of service while transmitting up to 682 peak hp to the ground to cut large-scale farming operations down to size. Hence, regardless of the conditions you are guaranteed excellent power efficiency, power transfer to the ground and traction, even with the heaviest implement.

**STEIGER AND QUADTRAC. KEEP YOUR COSTS DOWN.**

## ADVANTAGES

- Proven transmission for power-hungry applications
- With APM you minimise fuel consumption and maximise efficiency
- Excellent performance and traction













Case IH is a name synonymous with high-output equipment. With the introduction of the CVXDrive transmission on Steiger and Quadtrac models we are now bringing the CVT technology to the top end of the tractor market, so that owners and operators on

the largest arable enterprises can benefit from unparalleled fuel efficiency and operational advantages.

**STEIGER AND QUADTRAC CVX. NO MISSION IMPOSSIBLE.**







# CVXDRIVE TRANSMISSION

More powerful than ever

Case IH is proud to introduce the world's strongest continuously variable transmission, on the Steiger 370- 540 and Quadtrac 470-540. At peak performance the CVXDrive transmission puts 613hp at work!

In the field, CVXDrive makes them more versatile in operation, able to maintain peak power through stepless speed changes. The engine is able to run at maximum power and the transmission provides variable ratios to allow the operator to either maximise the power available or to operate in the most economical way. The ability to achieve maximum travel speed at lower engine rpm means that on the road these tractors are smoother, quieter and use less fuel.

Four multi-plate wet clutch packs mounted on the four planetary gear sets, change the ranges without power interruption, and guarantee smooth shifting without clutch wear. For the operator, the result is smooth and stepless travel from standstill all the way up to 40kph.

Automatic Productivity Management allows the operator to focus on the performance of the tractor's implement and field operation in hand rather than on controlling the tractor. Combined with the CVXDrive transmission, Steiger and Quadtrac run even more smoothly, perform better and ultimately increase your productivity.

**QUADTRAC CVX. BETTER THAN EVER BEFORE.**

## ADVANTAGES

- Minimise fuel consumption, maximise efficiency
- Seamless acceleration
- Work at a constant engine speed
- Maintain a constant forward speed
- Better comfort, lower noise levels







# HANDLE YOUR BIGGEST IMPLEMENTS

Maximise productivity

Steiger and Quadtrac tractors are impressive machines throughout and their hydraulic system is no exception: up to 428 litres per minute flowing into up to eight hydraulic remote valves, and up to 9071 kg of hitch lift capacity. The optional rear three-point linkage features an auto-locking systems that makes your operations easier.

Steiger tractors use a second hydraulic pump to provide exactly the required oil flow to each of eight remote valves. Electronic precision-controlled quick-connect valves make operation even more efficient by maintaining precise flow and pressure, even in the most severe conditions. Set the

system how you want and it adjusts for changing temperature conditions through the day.

Steiger and Quadtrac series hydraulics use the latest technology to ensure efficient and user friendly operation. That efficiency starts with the parallel priority Pressure Flow Compensating (PFC) circuit, which delivers the exact flow and pressure required by the application. They provide enough hydraulic flow for even the largest planters and air seeders in the industry.

**CASE IH QUADTRAC. KEEP YOUR COSTS DOWN**

## ADVANTAGES

- From 4 up to 8 rear remote valves
- Maximal oil flow rate of 428l/min
- Colossal rear lift capacity of 9,071kg
- Handle the widest implements
- Experience unprecedented productivity and efficiency



1



2



3

# A STEP AHEAD

## Top-specs chassis

- 1** Two chassis sizes: Small chassis below 2.55 m with 710 tyres or below 2,70 m with 800 tyres
- 2** The Steiger chassis a patented design which uses Tri Point Oscillation – load stress is distributed evenly for more durability, strength and stability  
Centre-pull drawbar: the drawbar is directly connected to the main articulation joint – this provides superior traction
- 3** 26° up and down oscillation

Steiger and Quadtrac series tractors have a hard-won, long held reputation as the toughest in the business. They are designed to power across the land leaving barely a footprint, yet pulling the widest of implements for the fewest passes and the minimum of time in the field. A large footprint and a long wheelbase help to maximize output and minimize soil smearing and compaction.

These tractors feature a frame built of 13mm-thick steel and a long wheelbase with built-in weight for better traction to fulfil any task's demands. Every details is thought though and built with extra strength in mind.

The centre section of the Steiger chassis features a large top link that extends from the front frame to the very back of the rear frame to transfer dynamic loads more efficiently. On tractors equipped with three-point hitches the top link attaches directly in front of the hitch to handle high dynamic loads. This type of tri-point oscillation chassis design provides greater pulling power when compared with pulling a load through a gudgeon and helps provide optimal weight distribution and excellent manoeuvrability for minimal soil disturbance whether travelling or turning.

**STEIGER AND QUADTRAC. BUILT TOUGH.**

### ADVANTAGES

- Load stress is distributed through to the front frame
- Durability, strength and stability are greater than alternative designs
- Traction is increased and slip reduced
- Ground contact is retained at all times
- Oscillation of 26° is provided both upwards and downwards







# PRECISION POWER PLACEMENT

Cut soil compaction and slip

Steiger and Quadtrac series tractors are designed to operate the widest implements with ease. Even weight and pressure distribution limits the impact of heavy equipment on your land and Steiger and Quadtrac tread your soil as delicately as possible.

Quadtrac configurations employ an immense, flange-type axle that generates the torque needed for unbeatable traction capabilities while tracks ensure even weight distribution to minimise ground pressure.

All models can be equipped with a differential lock which disengages automatically according to steering angle, or at speeds exceeding 18.5 kph. Re-engagement is automatic

once the tractor steering has been straightened. The result? The best blend of articulated steering and outstanding pulling power.

Steiger tractors can be specified with a wide range of tyre options. These range from conventional types for maximum traction to IF tyres with flexing sidewalls that can be used at lower inflation pressures to reduce footprint and ground pressure. Proper weighting and ballasting is essential to maximise grip while minimising soil compaction, thus, we offer a wide range of ballast and weights to suit your operation.

**STEIGER AND QUADTRAC. PROTECT YOUR SOILS.**

## ADVANTAGES

- Exceptional traction capabilities
- Differential lock available
- Perfect blend of articulated steering and pulling power
- Wide range of tyres available













1

2

# TREAD LIGHTLY, TURN SMARTLY

From the pioneers of pivot-steer tracked tractors

**1** Articulated steering and Tri-Point Oscillation delivers full power and torque to all four corners of the tractor. In comparison to a two-track-system, the four-track design steers under full loads minimizing soil disturbance when turning.

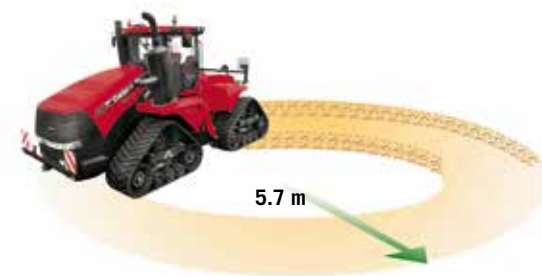
**2** Swinging ladder provides full manoeuvrability.

Case IH pioneered articulated steering in high-horsepower rubber-tracked tractors, adopting the same proven technology used in generations of Steiger tractors.

Used today in both Steiger wheeled and Quadtrac tracked models, articulated pivot steering means no loss of power or torque to any track during turns, no skid turning and associated soil-smearing. All four tractor corners remain firmly planted on the land at all times for maximum power and torque transfer. Plus, Quadtrac steering remains easy and positive under all conditions.

- Quadtrac can steer under full load and maintain pulling power.
- Hydraulically activated automatic differential lock is standard.
- With the differential lock engaged, the wheels or tracks are locked together, eliminating slippage between the left and right hand side of the tractor in wet or slippery conditions.
- Full articulation angle of 42° even with duals mounted.

**STEIGER AND QUADTRAC. FULL TRACTION AT ALL TIMES.**



5.7 m

Turning circle of 5,7m

## DYNAMIC LOAD



## STATIC LOAD



# EXCLUSIVE QUADTRAC DESIGN

There is nothing quite like it

When Case IH launched the Quadtrac in 1997, it was like nothing else on the market. With an efficient blend of tracked drive units and articulated steering, we overcame the key problems associated with twin-track tractors, such as soil scuffing on headlands and loss of power while steering. With two decades of Quadtrac design and development, working with farmers across the world, Case IH offers unique machines with proven credentials.

Case IH track units spread the weight borne by each track over five wheels - two idlers and three mid-rollers. To ensure the weight from each axle is distributed over the full length of the track. In addition, each track can pivot up and down by 10° to closely follow the ground contour. Hence, the weight of the tractor and increasingly larger implements is at all time evenly distributed over a complete footprint of 5.6m<sup>2</sup>.

Dynamic weight transfer means that the total load of the tractor and its

implement is optimally spread between the axles when at work in the field. This principle accounts for excellent traction performance and soil protection. In addition, the center-pull drawbar provides optimal traction and performance throughout.

Track tension adjusts automatically under transport or light loads. That reduces wear, friction and heat, and increases durability. Meanwhile, driver comfort is aided by rubber-damped mid-rollers that minimise shock transfer. The exclusive Quadtrac positive drive design relies on lugs that interlock with bars on each drive wheel. Hence, there is zero possibility of slippage between the drive wheel and the track; you get full-power traction, even in the toughest of conditions. Combined with articulated steering, this results in optimal ground pressure, superior flotation and maximum traction.

**STEIGER AND QUADTRAC. A DESIGN PERFECTED OVER TWO DECADES.**









**AFSSUPPORTCENTER**  
0 800 0281 910  
[afssupporteur@caseih.com](mailto:afssupporteur@caseih.com)





# PRECISION THAT PAYS

Technology to take your business forward

Case IH AFS™ stands for an extensive range of practice- oriented solutions that help you farm and manage your fields more efficiently than ever before. Benefit from increased control, productivity, efficiency and precision.

Case IH RTK+ network is the top- end technology that delivers a reliable 2.5 cm pass-to-pass and year-after-year accuracy. And thanks to xFill technology, standard in all Case IH RTK+ solutions, signal losses can be bridged for up to 20 minutes. Maintain ultimate precision and efficiency no matter what.

Sustainable soil management and soil conservation receive growing attention. A successful strategy to achieve that result is Controlled Traffic Farming (CTF); based on predefined in-field tracks that are laid out once and

permanently used, it leaves the soil surface between the tracks unaffected and uncompacted. Relying on Quadtrac for in-field operations is an additional piece to a sustainable soil management.

A reliable, high- precision guidance system is key for CTF, and Case IH AFS is the ideal solution. Factory-installed AFS autoguidance systems such as AccuGuide offer unsurpassed reliability, convenience and accuracy down to 2.5cm. Combined with the new AccuTurn™ technology, which automates the entire headland operation, you are guaranteed to achieve utmost efficiency and productivity.

**STEIGER AND QUADTRAC. PRECISION PERFORMERS.**

## ADVANTAGES

- 2,5cm precision with RTK+ signal
- AFS AccuGuide simplifies your operation and allows you to add extra working hours to your day where required.
- Automate headland turning with AccuTurn™
- Intuitive and easy to understand AFS Pro 700 monitor







# INCREASE INCOME

Monitor performance, maximise uptime

The AFS Connect™ advanced farm management system gives you instant access to information for every machine in your fleet – including machine location, diagnostics, and fuel and engine stats. Fleet management allows you to track all of your machines and, by extension, your team, from a single web page.

Protect your investment and streamline maintenance by using the AFS Connect Basic™ alerts and antitheft system. Geo-fencing ensures that your machine stays within certain pre-set coordinates, and curfew management sends an alert if a machine is started after working hours.

Case IH AFS Connect Basic™ package is compatible with your existing precision farming systems, so your local Case IH dealer can retrofit it on fleets of both Case IH and competitive equipment. The system can be serviced via mobile communication units based on Android and iOS systems, so no need to take your equipment to your dealer for diagnosis or support.

**AFS CONNECT™. BE THE MASTER OF YOUR FLEET.**

## ADVANTAGES

- Use graphic reports to visualize area worked, yield, flow and moisture average, and more
- Accurately pinpoint the exact location of a given machine
- Efficiently coordinate machine logistics
- Create custom alerts for maintenance, geofencing, curfew,...
- Transfer AFS data wirelessly







REDUCE THE CONSUMPTION OF RESOURCES BY MOVING FROM FOSSIL FUELS TO **A RENEWABLE ENERGY SYSTEM**



INCREASE AGRICULTURAL PRODUCTIVITY TO **IMPROVE FOOD** AVAILABILITY



REDUCE **ENVIRONMENTAL IMPACT** AND OPTIMIZE **ENERGY CONSUMPTION** IN ALL COMPANY PROCESSES



INCREASE OPPORTUNITIES FOR EXCHANGING **IDEAS** AND **GOOD PRACTICES** WITH ALL **STAKEHOLDERS**

# SUSTAINABILITY

It's part of everything we do

Case IH is part of CNH Industrial, one of the world's largest capital goods companies. It has a firm focus on its environmental responsibilities, and has been a seven-time leader in the Dow Jones Sustainability Index. Within the CNH Industrial group:

- 91% of waste is recovered
- 27.5% of water used is recycled and
- 56% of electricity used is from renewable sources.

Being a global leader in capital goods carries great responsibilities, which means that we must be accountable for every global activity we perform. Our responsibility does not stop at the factory gate, and we have made great efforts to be proactive when it comes to the broader global issues surrounding sustainability. Over the years, our work in research and development has been geared towards ensuring that our products continue to achieve increasingly high standards in terms of safety and eco-compati-

bility. Rather than limiting customers to a choice between low operating costs and eco-efficiency, our strategy is to offer products that deliver both.

By providing innovative products and solutions that abide by environmentally responsible operating practices, Case IH is doing its part to address global issues such as climate change. Today's companies face complex and interconnected challenges that demand an ever-evolving approach to sustainability, a scenario that Case IH believes is an important driver in creating long-term value for all its stakeholders, which is a core objective of the brand.

At Case IH, our engineers are focused on producing machines that not only work on the land, but work with it too.

**CASE IH. ALWAYS FUTURE-FOCUSED.**

## THE SUSTAINABILITY GROWTH DRIVERS ARE:

- Necessity to feed an increasing population
- Importance of soil protection for future generations
- Growing sustainable farming solutions
- Increasing public awareness
- Fostering people engagement





# KEEP FARMING

Servicing made simple

We know that in this business time is critical and the less you need to spend on servicing the better. Daily checks and routine maintenance on the Case IH Quadtrac series are straightforward and convenient. Both the AdBlue and diesel tanks are easy to access and thanks to a double access on the AdBlue tank you can, on the left hand side fill up both at the same time.

Case IH has designed Steiger and Quadtrac tractors for extended 600-hour service intervals to keep your maintenance costs down and keep you farming.

Every day, in no more than just a few minutes you will be in the field and ready for action.

**STEIGER AND QUADTRAC SERIES. MAXIMUM UPTIME.**

## ADVANTAGES

- Unrivalled 600-hour maintenance intervals for engine and 1,200 hours for transmission and hydraulics
- No particle filter service needed due to high efficiency eSCR exhaust gas treatment
- Easy access to all daily checks from ground level
- Up to 1,850 litre fuel tank and 360 litres AdBlue tank (on Steiger and Quadtrac 620) for a long working day







620 CASE  
QUADTRAC

14



# SERVICE TEAM.

Be a farmer, we take care of the rest.

The Case IH **SERVICETEAM**, a strong dealer network backed up by local Case IH market teams, industry leading Case IH supporting tools, modern training methods, best in class spare parts support and logistics performance providing Case IH customers with an excellent all-encompassing after-sales service, keeping customers farming!

TECHNICAL SUPPORT | SERVICE | PARTS | MAXSERVICE | SERVICEFINANCE

## **GENUINEPARTS** WE KEEP YOUR EQUIPMENT RUNNING.

Your local Case IH dealer and our dedicated 24/7 parts call centre technicians and their logistic colleagues are all part of the Case IH ServiceTeam network. They're highly trained to give you expert advice and solve problems, ensuring the correct, genuine Case IH parts are located and dispatched right away, reaching you next day or sooner to keep your machine in top condition.

## **MAXSERVICE** AROUND THE CLOCK. AROUND THE COUNTRY.

When you're working around the clock, MaxService ensures you're never alone. It's a dedicated helpline that connects you to the Case IH ServiceTeam 24/7. Call technicians at your local dealer are ready to assist with technical advice, software solutions and genuine parts ordering. At peak season, we can keep you farming with breakdown assistance.

## **SAFE****GUARD** **GOLD**

## **SAFE****GUARD** **SILVER**

## **SAFE****GUARD** **BRONZE**

## **SERENITY DAY AFTER DAY.**

Safeguard Gold, Silver and Bronze are an extended warranty service package. Specifically tailored around you and your machinery, it can include maintenance contracts, servicing, telematics, insurance and Case IH finance packages. Most importantly, it provides peace of mind, mechanical coverage and makes the cost of ownership clear and easy to manage.



CAPITAL

## **AN OPTIMAL FINANCING SOLUTION FOR EVERY INVESTMENT.**

CNH Industrial Capital is the financing company for Case IH. Our employees are financial experts and have many years of experience in agriculture. We do not only know about Case IH products and the market, we also understand the individual requirements of your operations. Therefore we are always able to offer you a financial solution for your new investments that is tailored specifically to your operational requirements. Our most important goal is improving the profitability of your investments!



MODELS	STEIGER 370 / STEIGER 370 CVX	STEIGER 420 / STEIGER 420 CVX	STEIGER 470 / STEIGER 470 CVX	STEIGER 500 / STEIGER 500 CVX	STEIGER 540 / STEIGER 540 CVX	STEIGER 580	STEIGER 620
ENGINE							
Type	FPT Cursor 9	FPT Cursor 13					
Number of cylinder / number of turbochargers	6 / Single Stage Turbo				6 / Two Stage Turbo		
Emission level	Stage IV						
Capacity (l)	8.7	12.9					
After treatment	Hi-eSCR - high efficiency SCR system						
Rated power ECE R120 2) [kW/hp(CV)]	276 / 375	313 / 425	350 / 476	373 / 507	399 / 543	433 / 589	462 / 628
Rated power ECE R120 2) Power Management [kW/hp(CV)]	304 / 413	343 / 466	380 / 517	403 / 548	440 / 598	463 / 630	492 / 669
Rated engine speed (rpm)	2,000	2,100					
Maximum power ECE R120 2) [kW/hp(CV)]	302 / 410	345 / 469	386 / 525	410 / 558	451 / 613	476 / 647	509 / 692
Maximum power ECE R120 2) Power Management [kW/hp(CV)]	320 / 435	345 / 469	386 / 525	410 / 558	451 / 613	476 / 647	509 / 692
... at engine speed (rpm)	1,800	1,900					
Maximum torque (Nm @ 1400rpm)	1,845	1,992	2,229	2,374	2,540	2,757	2,941
Torque rise (%)	40	40	40	40	40	40	40
Fuel tank, diesel/urea (litres)	870 / 159	1,230 / 159	1,230 / 159	1,230 / 250	1,230 / 250	1,816 / 250	1,816 / 250
CHASSIS							
Type	standard Chassis			high horsepower Chassis			
TRANSMISSION							
Type	16F/2R PowerDrive or CVXDrive					16F/2R PowerDrive	
Powershuttle	Std.						
AXLES							
Axle drive and gear arrangement	4 planet			Compound, 3 planet			
Axle diameter	5"			4,5"		5,5"	
Axle diff-lock type	Multi disc wet plate with independant front/rear control						
POWER TAKE OFF							
Type	Live independent system integral with transmission						
Speed Option	1,000						
Engine speed (rpm)	1,800						
Shaft type	1 3/4" shaft - 20 spline						
HYDRAULIC SYSTEM							
System type	Variable displacement, pressure and flow compensating (PFC)						
Max. pump flow (l/min)	151	159	159	159	159	159	159
Optional pumps max.pump flow High Flow/Twin Flow (l/min)	208 / 408	216 / 428	216 / 428	216 / 428	216 / 428	216 / 428	216 / 428
System pressure (bar)	210	210	210	210	210	210	210
No. of remote valves	4 / 6 / 8	4 / 6 / 8	4 / 6 / 8	4 / 6 / 8	4 / 6 / 8	4/6/8	4 / 6 / 8
No. of remote valves with 3 point hitch	4 / 5	4 / 5	4 / 5	4 / 6	4 / 6	4/6	4 / 6
THREE POINT HITCH							
Lift Capacity (kg), through full range, 610mm behind ball ends	9071			8900			
Category type	Cat IV-N	Cat IV-N	Cat IV-N	Cat IV-N	Cat IV-N	Cat IV-N	Cat IV-N
HEAVY DUTY DRAWBAR							
Diameter of drawbar pin-high capacity (mm)	51	51	51	51	51	51	51
Max. permissible vertical load (kg)	4,983	4,983	4,983	4,983	4,983	4,983	4,983
CLASS 5 DRAWBAR							
Diameter of drawbar pin-high capacity (mm)	n/a	n/a	n/a	n/a	70	70	70
Max. permissible vertical load (kg)	n/a	n/a	n/a	n/a	6,804	6,804	6,804
WEIGHTS							
Standard vehicle weight (kg)	17,495 / 18,245	18,600 / 19,350	18,600 / 19,350	20,090 / 20,840	21,012 / 21,762	22,828 / 23,578	22,828 / 23,578
Max. gross vehicle weight (kg)	22,450	22,450	22,450	25,401	25,401	29,940	29,940
DIMENSIONS <sup>1)</sup>							
Total length (mm)	7,493	7,493	7,493	7,615	7,615	7,615	7,615
Total height (mm)	3,937	3,937	3,937	4,089	4,089	4,089	4,089
Total width (mm) <sup>2)</sup>	2,549	2,549	2,549	2,990	2,990	2,990	2,990
TRACKS							
Drive					-	-	-
Track width Standard / Option (cm)					-	-	-

MODELS	QUADTRAC 470 / QUADTRAC 470 CVX		QUADTRAC 500 / QUADTRAC 500 CVX		QUADTRAC 540 / QUADTRAC 540 CVX		QUADTRAC 580		QUADTRAC 620	
ENGINE										
Type	FPT Cursor 13									
Number of cylinder / number of turbochargers	6 / Single Stage Turbo				6 / Two Stage turbo					
Emission level	Stage IV									
Capacity (l)	12.9									
After treatment	Hi-eSCR - high efficiency SCR system									
Rated power ECE R120 2) [kW/hp(CV)]	350 / 476		373 / 507		399 / 543		433 / 589		462 / 628	
Rated power ECE R120 2) Power Management [kW/hp(CV)]	380 / 517		403 / 548		440 / 598		463 / 630		492 / 669	
Rated engine speed (rpm)	2,100									
Maximum power ECE R120 2) [kW/hp(CV)]	386 / 525		410 / 558		451 / 613		476 / 647		509 / 692	
Maximum power ECE R120 2) Power Management [kW/hp(CV)]	386 / 525		410 / 558		451 / 613		476 / 647		509 / 692	
... at engine speed (rpm)	1,900									
Maximum torque (Nm @ 1400rpm)	2,229		2,374		2,540		2,757		2,941	
Torque rise (%)	40		40		40		40		40	
Fuel tank, diesel/urea (litres)	1,230 / 322		1,230 / 322		1,230 / 322		1,881 / 322		1,881 / 322	
CHASSIS										
Type	Quadtrac Chassis									
TRANSMISSION										
Type	16F/2R PowerDrive or CVXDrive					16F/2R PowerDrive				
Powershuttle	Std.									
AXLES										
Axle drive and gear arrangement	Planetary & drop gear, 3 planet									
Axle diameter	Flanged									
Axle diff-lock type	Multi disc wet plate with independant front/rear control									
POWER TAKE OFF										
Type	Live independent system integral with transmission									
Speed Option	1,000									
Engine speed (rpm)	1,800									
Shaft type	1 3/4" shaft - 20 spline									
HYDRAULIC SYSTEM										
System type	Variable displacement, pressure and flow compensating (PFC)									
Max. pump flow (l/min)	159		159		159		159		159	
Optional pumps max.pump flow High Flow/Twin Flow (l/min)	216 / 428		216 / 428		216 / 428		216 / 428		216 / 428	
System pressure (bar)	210		210		210		210		210	
No. of remote valves	4 / 6 / 8		4 / 6 / 8		4 / 6 / 8		4 / 6 / 8		4 / 6 / 8	
No. of remote valves with 3 point hitch	4 / 6		4 / 6		4 / 6		4 / 6		4 / 6	
THREE POINT HITCH										
Lift Capacity (kg), through full range, 610mm behind ball ends	8,949									
Category type	Cat IV-N		Cat IV-N		Cat IV-N		Cat IV-N		Cat IV-N	
HEAVY DUTY DRAWBAR										
Diameter of drawbar pin-high capacity (mm)	51		51		51		51		51	
Max. permissible vertical load (kg)	4,983		4,983		4,983		4,983		4,983	
CLASS 5 DRAWBAR										
Diameter of drawbar pin-high capacity (mm)	70		70		70		70		70	
Max. permissible vertical load (kg)	6,804		6,804		6,804		6,804		6,804	
WEIGHTS										
Standard vehicle weight (kg)	23,415 / 24,165		23,415 / 24,165		23,870 / 24,620		24,270		24,270	
Max. gross vehicle weight (kg)	32,000		32,000		32,000		32,000		32,000	
DIMENSIONS <sup>1)</sup>										
Total length (mm)	7,613		7,613		7,613		7,613		7,613	
Total height (mm)	3,835		3,835		3,835		3,835		3,835	
Total width (mm)2)	2,997		2,997		2,997		2,997		2,997	
TRACKS										
Drive	4 independent tracks, positive drive									
Track width Standard / Option (cm)	76 / 91		76 / 91		76 / 91		76 / 91		76 / 91	




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**CNH Industrial Österreich GmbH**  
**Steyrer Straße 32, A-4300 St. Valentin – Austria**

Free phone: 00 800 22 73 44 00

 Safety never hurts! Always read the Operator's Manual before working with any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs, and use any safety features provided. This literature has been published for worldwide circulation. The standard and optional equipment and the availability of individual models may vary from one country to the next. Case IH reserves the right to undertake modifications without prior notice to the design and technical equipment at all times without this resulting in any obligation whatsoever to make such modifications to units already sold. Whilst every effort is made to ensure that the specifications, descriptions and illustrations in this brochure are correct at the time of going to press, these are also subject to change without prior notice. Illustrations may show optional equipment or may not show all standard equipment. Case IH recommends **AKCELA** lubricants.



**CASE IH**  
AGRICULTURE  
FOR THOSE WHO DEMAND MORE