



STEIGER & QUADTRAC

390 - 670 HP ENGINE MAXIMUM POWER - POWER MANAGEMENT 354 - 608 HP ENGINE RATED POWER









Optimum traction at all times with minimum ground pressure makes Conventional articulated steering gives the Steiger and Quadtrac Series full-power turns within 5.7 m. the Quadtrac the ideal tractor for the heaviest ground conditions.

HIGH CAPACITY MEANS HIGHER PRODUCTIVITY.

Steiger and Quadtrac engines are designed by CIH and built by FPT to deliver maximum horsepower smoothly and efficiently. Electronically controlled engines in Steiger and Quadtrac tractors ensure peak power growth at low fuel consumption.

If engine rpm drops under load, Engine Power Management unleashes up to 62 more horsepower. With that kind of power growth, you have the boost you need to handle the most difficult terrain in the field and on the road. To make the most of the new series four-wheel drive, specify high-capacity hydraulics, heavy-duty hitch and powerful PTO; when you need to lift, lower, and power implements, these systems help you do more work.



IT'S THE HEART OF THE MOST POWERFUL TRACTOR IN THE INDUSTRY.

Used in every Steiger tractor from the 350-hp row crop version to the industry-leading 600-hp model. It's a proven design first used in Steiger tractors in 2006 and later incorporated in Case IH Axial-Flow® combines. The 400-hp to 500-hp Steiger tractors feature a 12.9-litre engine with a single-stage turbocharger to properly match the engine with horsepower requirements. The 550-hp and 600-hp Steiger models feature a two-stage turbocharger system – a small turbocharger for low-RPM responsiveness and a second, larger one for maximum boost at high RPMs.



CARED FOR BY CASE IH EXPERTS FROM CONCEPT TO CALIBRATION.

The engines in Steiger tractors come from Case IH sister company FPT. And we engineer, design and test them at our Burr Ridge, Illinois, facility.

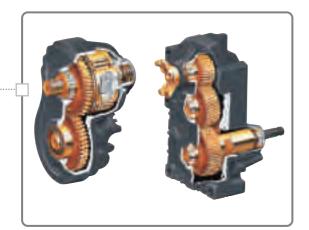
It's the same place where our high-horsepower tractors are engineered, and it ensures we maintain an exceptional standard of durability and reliability. FPT engines also mean that Case IH dealer service technicians are expertly trained to maintain your engine – at your local Case IH dealer.

HYDRAULICS AND PTO THAT HELP MAXIMIZE YOUR YIELDS.

The option of up to 428 litres per minute flowing into up to eight hydraulic remote valves. That's enough hydraulic flow for even the biggest air seeders in the industry.

The new flow-compensated, quick-connect valves make your 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 conditions throughout the day.

A 1000 rpm PTO unit can be added to any Steiger and Quadtrac tractor to deliver up to 473 hp at the PTO shaft.









COUNTING THE COST OF WORK DONE.

No matter how much horsepower is needed, the new Steiger and Quadtrac range delivers with improved fuel consumption that reduces fuel inputs by up to 9%. The new Case IH engine technology benefits the farmer as it improves horsepower, engine responsiveness, fuel economy and engine reliability. In addition, running with minimal down time and extended service intervals with easy and effective routine servicing provide more savings through the years of improved productivity.



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

The Diesel Saver™ Automatic Productivity

Management system takes the guess-work

out of setting the right gear/rpm combination.

It does the job for you. Wet spots and hills

pose no problems and should not affect your

fuel economy. Diesel Saver keeps you moving

at the same speed and gives you the best fuel

economy and power performance through

changing field conditions. No one else offers

a more effective or simpler solution.

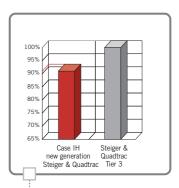
A DEPENDABLE TRANSMISSION THAT DOES MORE FOR YOU THAN JUST SHIFT GEARS.

The 16-speed, full powershift Steiger transmission produces smooth shifting and reduces fatigue at the end of a long day in the field. It accomplishes this by using pulse-width modulation, which maximizes the application of power. Other designs operate with less efficiency and waste power.



PRECISION COMPONENTS THAT MATCH THE WAY YOU FARM.

The optional AFS Pro 700™ touch screen monitor can be **integrated into the armrest** to provide a clear overview of vehicle settings, video inputs and simultaneous command and control of ISOBUS-compatible machinery.



EFFICIENT ENGINES.

The new FPT designed engines fitted on the new Steiger range provides up to 9% lower fuel consumption compared to previous Tier 3 engines.



swath spacing to ensure each one is identical means fewer end-of-row turns and overlaps. It maintains perfectly straight and repeatable rows with RTK accuracy and controls traffic patterns and decreases compaction – benefits that bring higher yields. This 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.







COMFORT & SIMPLICITY. WORKING WITH THE BEST.

The comfort of the operator's environment is a priority for the highest operator productivity. The industry leading Case IH Surveyor cab improves ride comfort in all conditions, with the option of both cab and seat suspension systems. At the same time, operation is made easy with the Case IH Multicontroller armrest, maximising precision in vehicle and implement control. Controls integrate advanced innovative technology such as APM – Automatic Productivity Management for optimising vehicle settings and AFS – Advanced Farming Systems providing the architecture for fully automated precision farming.

Key functions are at your fingertips. Multicontroller™ Drive Logic armrest featuring ICP™ intuitive control panel so key functions are at your fingertips.

At-a-glance status information provided by the A-post mounted instrument cluster with integrated performance monitor.

360° visibility for clear line of sight in all directions.

Very low noise levels inside cab.

Smooth ride with optional seat suspension and cab suspension.

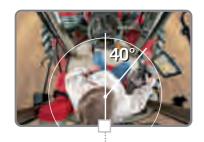
Ideal working environment with electronic climate control.





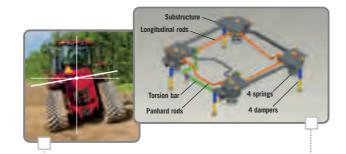
TAKING THE STRAIN OUT OF A TOUGH JOB.

It's a tough job and it's a job that has to be done right now. Good to know that your tractor is ready and waiting with the most comfortable cab in the business.



HARD WORK SHOULDN'T BE A PAIN IN THE NECK.

The optional autoguidance systems give you more freedom in the cab to look back and check on implement operations, so you don't want a tractor seat that forces you to keep looking forward. The exclusive, ·industry-leading 40-degree, right-hand swivel seat in Steiger tractors gives you a 180-degree full field of vision that keeps you from having to strain your neck all day. The cab controls are on the upper right too so everything is in your field of vision. In addition, the MultiControl Armrest console brings all vital operations into one simple controller – adjust your engine speed, gear, hitch, hydraulics and more without even moving your hand.



WORK LONGER AND STRONGER WITH THE INDUSTRY'S FIRST SUSPENDED CAB.

The optional Case IH Cab Suspension with shock-absorbing components at each corner of the cab stabilizes front-to-back, side-to-side and.... up-and-down motions, giving the operator a smooth ride no matter what terrain is underneath. A combination of springs, pads and mounts fully isolates the cab from chassis-created vibrations, which leads to freedom from repeated jarring and bouncing, allowing you to have greater focus on the job and more control over your tractor, without the fatigue and soreness that comes at the end of a long working day.



STAY RELAXED. STAY ALERT.

automatic climate control lets you select the perfect temperature for continuous comfort.



A SERIOUS WORD ABOUT SIMPLICITY.

Feedback from customers clearly indicates that tractors equipped with the Multicontroller and ICP (intuitive control panel) are the easiest to understand and operate. We have done the sums and found that compared to competitors' systems the Case IH control concept can save you nearly 30% on the time it takes to become fully acquainted with the way the tractor works. The fact is this time saving in the first month adds up to more than 80 hours which, if converted into driver's wages (multiplied by the number of drivers), becomes serious money. To put it simply, it puts money back in your pocket from day one. Do the maths – simplicity really adds up.





MULTICONTROLLER™ DRIVE LOGIC ARMREST

The Multicontroller – featuring drive logic – and the ICP intuitive control panel plus the optional AFS Pro 700™ touch screen monitor integrate all the tractor's functions into the armrest. Here, you have all the functions you need in one place: speed selection, direction changes, throttle, Headland Management Control, electronic remote valves, rear hitch controls, PTO, joystick and much more. This operator-friendly environment gets even a novice driver working effectively on day one.

- 1 Constant engine speed or Headland Management Control
- 2 EHC linkage raise/lower
- 3 Remote valve control
- 4 Powershuttle
- 5 Gear ratio up shift or down shift
- 6 AFS Pro 700™ touch screen monitor
- 7 Remote valve controls
- 8 Hydraulic motor mode and timer buttons
- 9 Joystick for remote valves
- 10 ICP™ Intuitive Control Panel
- 11 Constant engine speed

- 12 Auto Field and Auto Road
- 13 Manual and Auto 4WD/Diff-Lock
- 14 EHC Position Control
- 15 EHC Draft control
- 16 EHC linkage raise/lower
- 17 PTO on/off
- 18 Slip Control
- 19 Encoder to adjust timer and flow control
- 20 Linkage upper limit control
- 21 Linkage drop rate control
- 22 Draft sensitivity control

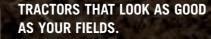
MAXIMUM UPTIME IS ALWAYS ON OUR MIND. BECAUSE IT'S ALWAYS ON YOURS.

Planting and harvesting seasons don't wait for downtime. To get maximum yields, you need to stay up and running. Steiger tractors are designed to keep you there. From the frame construction to the heavy-duty powertrain. Case IH dealers are certified to maintain every component of your tractor, including the engines. When you buy a Steiger tractor, we want you to use it. Not wait for it to be usable.

A HEAVY-DUTY FRAME FOR THE MOST DEMANDING WORK.

Steiger tractors have always featured a longer wheel base with built-in weight. That package gives you better traction and more front-end weight. And no competitor matches the Steiger's 1/2-inch thick steel frame. High-horsepower jobs put tremendously demanding

forces on a tractor. Steiger tractors perform so well they're used worldwide in construction applications because they're the toughest ones around. That's durability you can use for those demanding jobs on your farm.



Your tractor should look as strong as it performs.

The new Steiger tractor is the first tractor
in the industry to use Class 6 automotive-grade ...
paint. (Others use Class 3 paint.) That means
a Steiger tractor will hold up to the different,



harsh conditions that pound it day after day, from spring to autumn. And stronger resistance to fading means better resale value for your new Steiger tractor.







CHOOSE THE TRACTOR WITH BUILT-IN EXPERIENCE AND QUALITY.

Equipment availability is critical in farming because, when it's time to get going, you need to know that you have every possible resource at your disposal. That is why it is important to choose a tractor that is backed by a heritage of quality, built in the USA: Case IH has been developing reliable agricultural machinery for more than 160 years and Case IH took the lead in pioneering Automatic Productivity Management, well ahead of the rest of the field. More than 50,000 Steiger tractors have been sold.

If you are looking for a tractor that is durable from the engineering to the paintwork, easy to service (600-hour service interval) and promises a high resale value, then you are looking for the World Record Holder.



THE WORLD RECORD HOLDER.

This Series from Case IH combines the tradition of the legendary Steiger tractors with the requirements of the 21st century.No compromise large acreage technology for maximum productivity – as proven in the industry's highest accolade: the 24 hour ploughing World Record.



PARTS & SERVICE.

Maintain the productivity of your investment.

Case IH and its dedicated dealer network provide excellent support when you take delivery of your new machine and whilst it remains in your ownership. On the farm, you can rely on trained service professionals to maintain the productivity of your investment.



DEALER.

Skilled business advisor at your dealership. Demand more from your Case IH dealership.

Purchasing a standalone piece of new equipment? Keeping a whole fleet up-to-date? Whatever your size of operation, contact your local Case IH dealership for professional advice on your business needs. Case IH knows your farming needs best.

DO NOT RISK YOUR MACHINE'S LIFE. BUY CNH ORIGINAL PARTS!

Protect the value of your investment. Behind every Case IH product stands an extensive parts logistics organisation, stocking parts for products both old and new. Choosing to fit genuine Case IH parts will maintain the safety, value and performance of your original investment.









MODELS	STEIGER 350	STEIGER 400	STEIGER 450	STEIGER 500	STEIGER 550	STEIGER 600		
ENGINE								
Number of cylinder / type / emission level	6 / EVG / Tier 4	6 / WGT / Tier 2	6 / WGT / Tier 2	6 / WGT / Tier 2	6 / 2ST / Tier 2	6 / 2 ST / Tier 2		
Capacity (I)	8.7	12.9	12.9	12.9	12.9	12.9		
Rated power ECE R120 ³⁾ [kW/hp(CV)]	264 / 354	298 / 406	336 / 457	373 / 508	410 / 558	447 / 608		
Rated power ECE R120 ³⁾ Power Management [kW/hp(CV)]	291/ 390	328 / 446	365 / 497	403 / 548	440 / 599	492 / 669		
Rated engine speed (rpm)	2000	2100	2100	2100	2100	2100		
Maximum power ECE R120 ³⁾ [kW/hp(CV)]	290 / 390	328 / 446	369 / 502	410 / 558	451 / 614	492 / 670		
at engine speed (rpm)	1900	1900	1900	1900	1900	1900		
Maximum torque (Nm @ 1400 rpm)	TBA	1899	2136	2374	2611	2848		
Torque rise Standard and Power Management (%)	40	40	40	40	40	40		
Diesel fuel tank / diesel exhaust fluid tank (litres)	871/174	1200	1200	1200	1760	1760		
Additional Fuel Filtration	water separator	water separator	water separator	water separator	water separator	water separator		
TRANSMISSION	-							
Туре	16/2 Powershift PS4	16/2 Powershift PS4	16/2 Powershift PS4	16/2 Powershift PS4	16/2 Powershift PS6	16/2 Powershift PS6		
Powershuttle	•	•	•	•	•	•		
AXLES								
Axle drive and gear arrangement	Planetary	Planetary	Planetary	Planetary	Compound Planetar	· /		
	4 Planet	4 Planet	4 Planet	4 Planet	3 Planet			
Axle diameter (mm)	115	127	127	115	140	140		
Rear axle diff-lock type		Multi disc wet plate with management system						
POWER TAKE OFF (OPTIONAL)			·					
Туре		Live independent system integral with transmission						
Speeds Option	1000	1000	1000	1000	1000	1000		
Engine speeds Standard / Option (rpm)	2000	2000	2000	2000	2000	2000		
Shaft type		1 3/4" shaft - 20 spline						
HYDRAULIC SYSTEM								
System type		Variable displacement, pressure and flow compensating (PFC)						
Max. pump flow (I/min)	159	159	159	159	159	159		
Optional pumps max.pump flow High Flow / Twin Flow (I/min)	216 / 428	216 / 428	216 / 428	216 / 428	216 / 428	216 / 428		
System pressure (bar)	210	210	210	210	210	210		
No. of remote valves	4 to 8	4 to 8	4 to 8	4 to 8	4 to 8	4 to 8		
THREE POINT HITCH (OPTIONAL)								
Max. lift capacity (kg)	9071	8900	8900	8900	8900	8900		
Category type	CAT IV-N	Cat IV-N	Cat IV-N	Cat IV-N	Cat IV-N	Cat IV-N		
DRAWBAR								
Diameter of drawbar pin-high capacity (mm)	51	51	51	51	51	51		
Max. permissible vertical load (kg)	4983	4983	4983	4983	4983	4983		
Max. permissible pulling load (kg)	17463	17463	17463	22453	22453	22453		
WEIGHT								
Minimum shipping weight (kg)	16260	16351	16351	17913	19979	20805		
Permissible total weight (kg)	22453	22453	22453	25401	29937	29937		
DIMENSIONS 1)								
Total length (mm)	7493	7493	7493	7615	7615	7615		
Total height (mm)	3843	3843	3843	3963	3963	3963		
Total width (mm) without Dual fitted	3048	3048	3048	3048	3048	3048		
STANDARD TYRES 2)								
Front and rear		710/70R42						

[•] Standard Equipment - Not available 1) With standard tyres 2) Other tyres on request 3) ECE R120 is equal to ISO 14396 and 97/68/EC

MODELS	QUADTRAC 450	QUADTRAC 500	QUADTRAC 550	QUADTRAC 600		
ENGINE						
Number of cylinder / type	6 / WGT	6 / WGT	6 / 2 ST	6 / 2 ST		
Capacity (I)	12.9	12.9	12.9	12.9		
Rated power ECE R120 ²⁾ [kW/hp(CV)]	336 / 457	373 / 508	410 / 558	447 / 608		
Rated power ECE R120 ²⁾ Power Management [kW/hp(CV)]	365 / 497	403 / 548	440 / 599	477 / 649		
Rated engine speed (rpm)	2100	2100	2100	2100		
Maximum power ECE R120 ²⁾ [kW/hp(CV)]	369 / 502	410 / 558	451 / 614	492 / 670		
Maximum power ECE R120 ²⁾ Power Management [kW/hp(CV)]	369 / 502	410 / 558	451 / 614	492 / 670		
at engine speed (rpm)	1900	1900	1900	1900		
Maximum torque (Nm @ 1400 rpm and @ 1500 rpm with Power Management)	2136	2374	2611	2848		
Torque rise Standard and Power Management (%)	40	40	40	40		
Fuel tank, diesel (litres)	1200	1200	1820	1820		
TRANSMISSION						
Туре	16/2 Powershift PS4	16/2 Powershift PS4	16/2 Powershift PS6	16/2 Powershift PS6		
Powershuttle	•	•	•	•		
AXLES						
Axle drive and gear arrangement	Planetary & drop gear, 3 planet					
Rear axle diff-lock type	Multi disc wet plate with management system					
POWER TAKE OFF (OPTIONAL)						
Туре	Live independent system integral with transmission					
Speeds Option	1000	1000	1000	1000		
Engine speeds Standard / Option (rpm)	2000	2000	2000	2000		
Shaft type	1 3/4" shaft - 20 spline					
HYDRAULIC SYSTEM						
System type	Variable displacement, pressure and flow compensating (PFC)					
Max. pump flow (I/min)	159	159	159	159		
Optional pumps max.pump flow High Flow/Twin Flow (I/min)	216/428	216/428	216/428	216/428		
System pressure (bar)	210	210	210	210		
No. of remote valves	4 to 8	4 to 8	4 to 8	4 to 8		
THREE POINT HITCH (OPTIONAL)						
Max. lift capacity (kg)	8949	8949	8949	8949		
Category type	Cat IV-N	Cat IV-N	Cat IV-N	Cat IV-N		
DRAWBAR						
Diameter of drawbar pin-high capacity (mm)	51	51	51	51		
Max. permissible vertical load (kg)	4983	4983	4983	4983		
Max. permissible pulling load (kg)	22453	22453	22453	22453		
WEIGHT						
Minimum unballasted shipping weight (kg)	24292	24405	24405	24405		
Permissible total weight (kg)	26308	26308	26308	26308		
DIMENSIONS 1)						
Total length (mm)	7613	7613	7613	7613		
Total height (mm)	3912	3912	3912	3912		
Total width (mm)	2997	2997	2997	2997		
TRACKS						
Drive			t crawler tracks	Tanana		
Track width Standard / Option (cm)	30 / 36	30 / 36	30 / 36	30 / 36		

[•] Standard Equipment - Not available 1) With standard tyres 2) ECE R120 is equal to ISO 14396 and 97/68/EC





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SAFETY NEVER HURTS!TM Always read the Operator's Manual before operating 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

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