

# REDPOWER

EMISSION SOLUTIONS: BOOSTING ENGINE PERFORMANCE & PRODUCTIVITY

## STEIGER SERIES TRACTORS

### NEW 2011 PREVIEW



**CASE IH**  
AGRICULTURE

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AGRICULTURE

SAFETY NEVER HURTS!™ 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. CNH America LLC reserves the right to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice. Availability of some models and equipment builds varies according to the country in which the equipment is used.  
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## YOU ASKED FOR IT. MEET THE NEW GENERATION OF STEIGER® TRACTORS.



What happens when a company asks its customers to play a major role in the development process? See for yourself. Introducing the 2011 Case IH Steiger tractors. **Engineered with input from the very start by producers, for producers.** Fact is, no one knows more about how a farmer uses equipment than farmers themselves. So before we cut one piece of metal or turned one bolt, we spent a lot of time asking producers like you what matters most.

They said they wanted a more comfortable cab for those long days and longer nights. No problem. They said they wanted more fuel efficiency to keep costs down. You got it. They said they wanted more power to pull their biggest implements. Done. You see, Case IH and every one of our employees are committed to putting your needs first.



We're here to make the equipment you need to farm the way you want.





# INDUSTRY LEADING FEATURES

ENGINEERED TO HELP YOU FARM THE WAY YOU WANT.



The features you've been asking for are here. More comfort. More convenience. More efficiency. From front to back, the 2011 Steiger is engineered to make your job easier and more productive than ever before.

#### THE BEST CAB IN THE INDUSTRY JUST GOT BETTER.

- **Steiger Surveyor® cab:** Already the largest in the industry, it's now even bigger, with more comfort and visibility.
- **A new 40-degree, right-hand swivel seat:** Gives you a natural, ergonomic seated position to see where you're going – and what your implement is doing – without straining your neck.
- **New MultiControl Armrest console:** The most frequently used functions on one easy-to-operate controller. Provides simple, fingertip control of speed, gears, up to eight hydraulic remotes and automatic end-of-row functions. Ideal for larger implements with more hydraulic and PTO functions, the MultiControl Armrest is now standard on all Case IH high-horsepower tractors.
- **New AFS® Pro 700 color display:** Integrated into the MultiControl Armrest within your natural line of sight, it moves with the seat for easier access. Controls all tractor, performance, implement and guidance functions.
- **New cab suspension option:** Stabilizes front-to-back, side-to-side and up-to-down. Offers the industry's smoothest ride, whether you're crossing furrows or cruising in road gear.

#### PULL WHAT YOU WANT, WHERE YOU WANT.

- **The power you need:** The biggest Steiger provides the most power in the industry (up to 660 peak hp) plus extra Power Boost for meeting higher PTO and hydraulic requirements. The largest row-crop model has 500 peak HP to pull the biggest planters and strip-till bars. The largest wide-frame models now have heavier axles and 18-bolt hubs to handle the biggest broad-acre implements in the toughest conditions.
- **Heavy-duty frame:** The industry's heaviest frame – welded using half-inch thick steel – is accustomed to construction work, so it has no problem handling heavy tillage. And the industry's longest wheelbase gives you a comfortable ride, exceptional traction and plenty of pulling power.
- **Industry-leading hydraulics:** With the most hydraulic flow in the industry – up to 113 gpm – there's more than enough flow for the biggest planters and seeders without the need for additional external hydraulic pumps.
- **Easy maintenance:** All engine, transmission and hydraulic/axle fluids are serviced from ground level. Engine oil and filter change intervals have been extended, thanks to the Selective Catalytic Reduction (SCR) system.

#### EASIER ON FUEL. EASIER ON YOUR BOTTOM LINE.

- **A powerful leader:** We've improved our proven Case IH high-horsepower engines. The largest models are powered by a new, more fuel-efficient version of the 12.9-liter engine at work in Steiger tractors for the past several years, as well as in Axial-Flow® 9120 combines. Row-crop models are equipped with a rugged 8.7-liter powerplant from the same family lineage as the 12.9-liter.
- **Tier 4A compliant:** All our Steiger tractors now feature Case IH SCR Technology to meet Tier 4A emissions standards.
- **Smart emissions solutions:** The SCR system is separate from the engine – it doesn't recirculate exhaust gas back into the engine – so it doesn't interfere with engine performance.
- **Efficiency without sacrifices:** Eliminating exhaust gas recirculation improves fuel efficiency by a minimum of 10 percent, because SCR technology allows Case IH engines to be tuned for efficient power, not emissions.
- **DieselSaver™ system:** It automatically selects the best gear and engine speed combination, giving you fuel savings of up to 24 percent.



SPECIFICATIONS (PRELIMINARY)	STEIGER 350	STEIGER 400	STEIGER 450	STEIGER 450 QUADTRAC	STEIGER 500	STEIGER 500 QUADTRAC	STEIGER 550	STEIGER 550 QUADTRAC	STEIGER 600	STEIGER 600 QUADTRAC
<b>POWER</b>										
Type	Tier 4A with Selective Catalytic Reduction (SCR)				Tier 4A with Selective Catalytic Reduction (SCR)					
Engine HP at Rated RPM	350 hp @ 2000 rpm	400 hp @ 2100 rpm	450 hp @ 2100 rpm		500 hp @ 2100 rpm		550 hp @ 2100 rpm		600 hp @ 2100 rpm	
Maximum Engine HP	385 hp	440 hp	495 hp		550 hp		605 hp		660 hp	
Cylinders / Displacement	6 cyl. / 8.7L (531 cu. in.)		6 cyl. / 12.9L (787 cu. in.)			6 cyl. / 12.9L (787 cu. in.)				
Number of valves	24				24					
Aspiration	Turbocharged (Electronic Variable Geometry) with Air-to-Air Aftercooling	Turbocharged (Wastegate) with Air to Air Aftercooling			Turbocharged (Wastegate) with Air to Air Aftercooling		Turbocharged (2 stage) with Air to Water Intercooling and Air to Air Aftercooling			
<b>ELECTRICAL</b>										
Alternator	200 amp				200 amp					
Batteries	Two 12 volt, 1000 CCA				Two 12 volt, 1000 CCA					
<b>TRANSMISSION / PTO</b>										
Transmission - Standard	Full Powershift 16F/2R w/16 Hi (25 mph / 40 kph)				Full Powershift 16F/2R w/16 Hi (25 mph / 40 kph)					
PTO (optional)	1000 rpm – 1-3/4 in shaft				1000 rpm – 1-3/4 in shaft					
<b>AXLES</b>										
Axle Diameter (standard/optional)	4.5 in. (115 mm) / 5 in. (127 mm) – Planetary	5-in (127 mm) – Planetary		Flanged	4.5 in. (115 mm) Planetary	Flanged	4.5 in. (115 mm) / 5.5 in. (140 mm)	Flanged	5.5 in. (140 mm) Compound	Flanged
Axle Width	120 in. (3048 mm)		90.3 in. (2294 mm)		120 in. (3048 mm)		90.3 in. (2294 mm)		120 in. (3048 mm)	
Wheelbase	148 in. (3759 mm)		154 in. (3912 mm)		154 in. (3912 mm)					
<b>HYDRAULICS / HITCH</b>										
Remote Valves - Std./Opt	4 / Up to 8				4 / Up to 8					
Standard Hydraulic Pump (PFC)	40 gpm (151 lpm)		42 gpm (159 lpm)		42 gpm (159 lpm)					
Optional High Flow Hydraulic Pump (PFC)	55 gpm (208 lpm)		57 gpm (216 lpm)		57 gpm (216 lpm)					
Optional TwinFlowHydraulic Pump (PFC)	53 gpm (200 lpm)		56 gpm (212 lpm)		56 gpm (212 lpm)					
Total Tractor Hydraulic w High/Twin Flow Pumps	108 gpm (408 lpm)		113 gpm (428 lpm)		113 gpm (428 lpm)					
Available Flow at Single Remote Valve	35 gpm (132 lpm)				35 gpm (132 lpm)					
3-point Hitch Category – Optional	Cat IV-N				Cat IV-N					
Hitch Lift Capacity	20,000 lb. (9071 kg)			19,600 lb. (8900 kg)						
<b>CAPACITIES</b>										
Fuel Tank	220 gal. (829L)		310 gal. (1170L)		310 gal. (1170L)		455 gal. (1722L)		470 gal. (1779L)	
Diesel Exhaust Fluid (DEF) Tank	46 gal. (174L)		64 gal. (242L)		62 gal. (235L)		64 gal. (242L)		62 gal. (235L)	
<b>CAB</b>										
Volume (Size)	132 cu. ft. (3.70 cu. m)				132 cu. ft. (3.7 cu. m)					
Glass	88.1 sq. ft. (8.18 sq. m)				88.1 sq. ft. (8.18 sq. m)					
<b>WEIGHT</b>										
With GY 710/70R42 DT820 HD Duals	35,848 lb. (16 260 kg)		36,048 lb. (16 351 kg)		39,492 lb. (17 913 kg)		44,046 lb. (19 979 kg)		45,868 lb. (20 805 kg)	
With 30" tracks	—		—		53,554 lb. (24 292 kg)		53,554 lb. (24 292 kg)		53,804 lb. (24 405 kg)	
Maximum Ballasted Weight	42,000 lb. (19 051 kg)		49,500 lb. (22 453 kg)		56,000 lb. (25 401 kg)		56,000 lb. (25 401 kg)		66,000 lb. (29 937 kg)	