FENDT



FENDT® 900 SERIES | 296 to 415 HP

The ultimate row crop tractor

Nearly 400 years ago, in the town of Oberdorf in the Bavarian Alps, the Fendt family clockworks ran day and night. Sylvester Fendt didn't burn the midnight oil just to keep up with demand for his precision-crafted church and town hall clocks. He had a higher purpose: the uncompromising pursuit of excellence.

In 1930, Johann Georg Fendt and his son Hermann, direct descendants of Sylvester, introduced the first six-HP Dieselross tractor, a cleverly designed machine that enabled farmers to achieve in a single day the equivalent output of a week's work by manual labor.

Every great tower clock—and every tractor—crafted by the Fendts was expected to be better than the last, improved by prior learning. Ever-evolving to be more precise, more durable, more reliable. Today, Fendt® 900 Series tractors more than live up to that legacy, taking performance, efficiency and operator comfort to the next level.

In fact, the sixth-generation 900 Series is the ultimate row crop tractor. Our low-engine-speed, high-torque concept means less fuel consumption and better reliability, with much more power. Inside, a state-of-the-art operating system, paired with pneumatic cab suspension, delivers incomparable comfort during the longest days.

The 900 Series has "time" in its German heritage. So you drive home the perfect tractor for today's North American agribusiness.

It's Fendt. It's Time.

IT'S TIME TO GET SERIOUS ABOUT JUST HOW GOOD YOUR TRACTOR CAN BE.



Quick Specs and Features

Base weight: 26,200 lbs. (11,884 kg)	Max ballast weight: 42,000 lbs. (19,050 kg)
Constant engine power ECE R120: 296–415 HP	Rear power lift capacity: up to 21,500 lbs. (9,752 kg)
PTO power: 237–341 HP	Front power lift capacity: up to 12,310 lbs. (5,584 kg)
Engine: Tier 4 Final, 6-cylinder, 9-liter MAN engine	VarioDrive CVT
Maximum speed: 31 mph (50 km/h)	Fendt VarioGrip tire pressure regulation system

Ideal for: Planting

Tillage

Row crop applications Large hay tools Grain cart work Transport

Potato and beet lifters

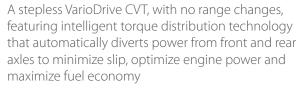
Fendt 900 Series at a glance

If you're a large-scale farm or contracting operation, you're serious about agribusiness. And you're serious about your equipment. Because you know the difference between break-even and profitable is defined in hours, gallons and data. The high-performance Fendt 900 Gen6 Series is purpose-built to be the hardest-working, most reliable tractor you can buy. Sure, others casually talk about efficiency, productivity, fuel-savings, comfort and profitability. But no one is more obsessed than Fendt with actually engineering them into every tractor we make.

What makes a Fendt a Fendt?



An incredibly smooth, quiet, high-torque-at-low-engine-speed power plant that drives more power to the ground at an extremely low operating cost

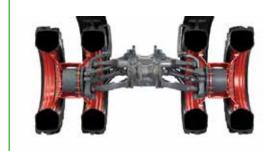




A 10.4 in. touch screen terminal paired with a customizable multi-function joystick puts everything you need to operate the tractor right at your fingertips



A hydraulic system fully dedicated to the implements it powers — the optional dual-pump, dual-circuit system, provides up to 113.5 GPM hydraulic oil capacity, designed to handle the most demanding implements of today, and tomorrow



VarioGrip™, our factory-installed tire inflation and deflation system allows the operator to set and control tire pressure, ensuring minimal compaction, less tire wear, and maximum performance in the field or on the road



The best warranty in the business — threeyear/3,000-hour full machine warranty, PLUS all scheduled maintenance and a loaner guarantee GOLD STAR CUSTOMER CARE Racecar-influenced, self-leveling front-axle suspension, with 7.8 in. of travel, coupled with a second-to-none pneumatic cab suspension and air-ride seat provides the sophisticated comfort of a luxury pickup truck, even in the field

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IT'S TIME FOR AN UNCOMPROMISING TRACTOR BUILT FOR THE CHALLENGES OF MODERN AGRICULTURE.

If you're considering a Fendt, you already know you're looking at an engineering masterpiece. But you're not here to admire. You're here to get the job done, better than anybody else. It starts with the power of a super-quiet, low-speed, engine that delivers fuel-efficient, high-torque performance. A hyper-efficient CVT that independently powers the front and rear axles to minimize slip and push power to the ground at low engine speeds. So you can pull the largest implements through the toughest conditions, all while the banker in your head appreciates that you're using less fuel and minimizing wear and tear on the tractor. Of course, powering the tractor is only half the story. With a hydraulic system that's independent of all other tractor functions, you can also power the most demanding implements, without sacrificing pressure and flow. It's the kind of total performance that makes you glad you didn't settle for just another tractor.

- 9-liter MAN engine produces up to 415 constant HP with engine speeds between 650–1,700 RPM
- VarioDrive CVT, the latest in award-winning transmission innovation, uses two hydraulic motors and an intelligent four-wheel-drive clutch to instantaneously transfer power between the front and rear axles
- Standard 58-GPM hydraulic system with optional dual-pump, dual-circuit system for up to 113.5-GPM of hydraulic oil flow
- A full offering of row crop tire configurations ranging from 320–520 mm and 320–420 mm on the rear and front respectively. For a larger footprint, configure your Fendt with 710–900 mm rear tires

A tractor whose time is now.

Power is nothing without flexibility and control. The Fendt 900 Series offers Stability Control and has a wide range of tire and ballasting configurations so you can always adapt to any job or condition on your farm. Sure, you can always find a cheaper tractor. Just not a better one.



- Optional Fendt Stability Control (FSC) takes steering precision, driving stability and braking safety to new levels. At speeds above 12.4 mph (20 km/h), FSC locks the front axle suspension cylinders and dampens side-to-side movement to ensure maximum stability in transport. When speeds drop below the FSC threshold, it automatically disengages to ensure maximum ground contact with all four tires
- VarioGrip, an industry-first, factory-installed tire inflation and deflation system, allows the operator to set and adjust inner tire pressure from 8.7 to 36 PSI when transitioning from field work to roading, even at maximum speed
- To ensure maximum power to the ground, the simple-to-adjust front and rear flexible ballasting system lets you increase the tractor's weight from 26,200 lbs. to a maximum ballast weight of 42,000 lbs.







It's when you look around the cab that you realize you're in a tractor like no other. From your seat, you access the cutting-edge, easy-to-operate Fendt VarioTerminal, where everything you need to control the tractor, implements and technology is at your fingertips. The comfortable, floating armrest has simple, color-coordinated operating controls and the multi-function joystick puts you in control of virtually every tractor function. It's about now that you begin to sense you're in a tractor perfectly designed to be one with its operator. And, one that's also been designed to make your sometimes-opinionated neighbor green with envy.

- Varioterminal Clear, practical, 10.4 in. display with full-screen, half-screen and split-screen modes, or a four-in-one view, with each section displaying a different function; fully integrates tractor and implement controls, camera function, guidance and documentation
- **Multi-Function Joystick** Assign and control up to 10 ISOBUS implement functions with the four-way, multi-function joystick. Includes additional operating buttons for the 3rd and 4th auxiliary hydraulic control unit, cruise control, engine-speed memory buttons and activation of Variotronic¹¹ headland management
- Fendt Guide Work with the utmost precision without having to actively steer, even when using wide implements or in poor reception; reduced product overlapping could save 3–10%
- Fendt TaskDoc® Quickly capture and wirelessly transfer data like seed-quantity, fertilizer applied or fuel consumption per acre for analysis and documentation
- **Fendt TaskDoc Pro** Record GPS position data and transfer it in near real-time, enabling mapping and automated, seamless exchanges with ISOXML-compatible field files
- Fendt Rate Control Call up, visualize on application maps and automatically execute variable-rate application of seeds, fertilizer and pesticides, based on agronomic needs. Plan farm inputs in field files, precisely apply them every time and save on operating inputs
- Fendt Section Control for ISOBUS implements Fully automatic section control ensures seeds, fertilizer and pesticides are applied evenly and economically, preventing overlaps; switch up to 36 sections when operating ISOBUS-capable planters, drills or sprayers

IT'S TIME FOR A PRACTICAL DATA MANAGEMENT SYSTEM YOU CAN ACTUALLY USE.



Fendt Connect™ is like a control tower for your fleet, seamlessly linking your operators, your office and your dealer. Through one easy-to-use interface — on a smartphone, tablet or laptop — Fendt Connect provides signals that keep you connected to the field and to your dealer. It's robust data visualization that enables remote, real-time monitoring, decision-making and even diagnostics.

Your Office See where your machines are, what they're doing and how they're performing, in near-real time or historically. From anywhere. This operational visualization anticipating or diagnosing problems that enables everything from scheduling timely refueling to providing documentation for invoicing

Your Dealer Should you enable it, your dealer can remotely access and monitor fault codes and performance parameters, can speed up service, minimize downtime and reduce cost

Your Operators Operators can focus on their task at hand, knowing both you and your dealer are practically right there with them in the cab



Fendt 900 Series Specifications

	930	933	936	939	942		
Engine							
Rated power ECE R 120 at 1,700 RPM (HP ISO) (HP / kW)	296 / 217	326 / 239	355 / 261	385 / 283	415 / 305		
Rated PTO power (HP / kW)	237 / 177	264 / 197	290 / 216	317 / 236	341 / 254		
No. of cylinders / cooling	6 cylinder / water						
Cylinder bore / stroke (in. / mm)	4.53 (115) x 5.70 (145)						
Displacement (in. ³ / I)	549/9.0						
Rated engine speed (RPM)	1,700						
Max. torque (@ 1,550 RPM) (ft/lb / Nm)	1.143 / 1.550	1,217 / 1,650	1,291 / 1,750	1.364 / 1.850	1,453 / 1,970		
Torque rise (1,000 based on 1,700 RPM) (%)	26.9%	22.7%	19.4%	16.4%	15.0%		
Diesel tank capacity (gal / I)	165 (625)						
DEF capacity (gal / I)	18.5 (70)						
Oil change interval (operating hours)	500						
Transmission / PTO							
Type / model	Stepless VarioDrive transmission / TA 300						
Speed range	Forward — 65 ft/hr to 31 mph / (20 m/h to 50 km/h)						
Special ange	Reverse — 0.01 to 21 mph / (0.02 to 33 km/h)						
Speed reduced max. speed	31 mph (50 km/h) @ 1,200 RPM						
Rear PTO	1000 @ 1630 / 1000E @ 1,250 RPM						
Hydraulics							
Туре	Closed Center / Pressure & Flow Compensation						
Hydraulic pump capacity (gpm / I/min)	1 pump: 43.6 / 165, 58 / 220						
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Working pressure (psi / bar)	2,900 / 200						
Hydraulic control valves, max. rear/front	Single pump: 8 valves (6 rear / 2 front)						
		Dual p	oump: 7 valves (6 rear / 1 front or 5 rear / 2	front)			
3-Point							
Туре	Electrohydraulic Powerlift Control (EPC) with shock load stabilizing and standard load compensation						
Rear lift capacity @ ball ends (lb / kg)	21,500 / 9,750						
Max. lift capacity, front 3-Point (lb / kg)	12,310 / 5,584						
Weights and Dimensions							
Unladen weight (lb / kg)*	24,900 / 11,300						
Max. permissible overall weight (lb / kg)	42,000 / 19,000						
Overall length (in. / mm)	219.5 / 5,575						
Overall width (in. / mm)	118.2 / 3,000						
Overall height (in. / mm)	133 / 3,375						
Ground clearance (in. / mm)	21.8/553						
Wheelbase (in. / mm)	124/3,150						
Smallest turning circle with standard tires (ft / m)	20/6.1						
Electrical Equipment							
Starter (V / kW)	24 V – 7 kW						
Battery (V / Ah)	2 Batteries — 12 V/180 Ah						
Alternator (V / A)	14V/2 x 160 A						
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^{*} With Rear 710/70R42 and Front 650/65R34 tires

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