

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 / l)	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 / l)	165 (625)				
DEF capacity (gal / l)	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) 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					
Type	Closed Center / Pressure & Flow Compensation				
Hydraulic pump capacity (gpm / l/min)	1 pump: 43.6 / 165, 58 / 220 2 pumps: 113.5 / 430 (55.5 / 210 + 58 / 220)				
Working pressure (psi / bar)	2,900 / 200				
Hydraulic control valves, max. rear/front	Single pump: 8 valves (6 rear / 2 front) Dual pump: 7 valves (6 rear / 1 front or 5 rear / 2 front)				
3-Point					
Type	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)	14 V / 2 x 160 A				

* With Rear 710/70R42 and Front 650/65R34 tires