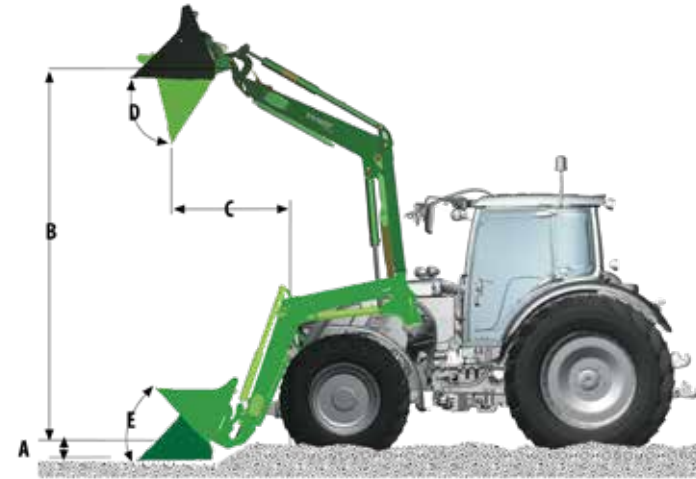


Fendt 500 S4 Series Specifications

	512	513	514	516
Engine				
Rated power ECE R120 (HP / kW)	124 / 91	133 / 98	150 / 110	163 / 120
Rated PTO power (HP / kW)	107 / 79	114 / 84	124 / 91	137 / 101
No. of cylinders / cooling	4 / water			
Cubic capacity (in. ³ / cm ³)	246 / 4,038			
Rated engine speed (RPM)	2,100			
Engine speed at max. power (RPM)	1,900			
Max. torque 1,500 RPM (ft lb / Nm)	405 / 550	435 / 590	478 / 649	506 / 687
Torque rise (%)	42	40	38	33
Fuel tank (gal / l)	78.7 / 298			
DEF tank (gal / l)	8.1 / 31			
Oil change interval operating hours	500			
Transmission / PTO				
Continuously variable Vario transmission model	ML90			
Speed range (forward / reverse)	Forward: 60 ft/h to 31 mph (20 m/h to 50 km/h) Reverse: 60 ft/h to 20.5 mph (20 m/h to 33 km/h)			
Rear PTO	540 / 1000			
Front PTO (optional)	1000			
Linkage				
Type of control	Electro hydraulic			
Hydraulic pump capacity (GPM / l/min)	29 (110) / Optional 42 (158)			
Max. rear 3-point lift capacity (lb / kg)	15,000 / 6,803			
Front linkage max. lift capacity (lb / kg)	7,688 / 3,487			
Hydraulic remotes	Rear – 3 Std. / Up to 5 opt., Front – Up to 2 opt.			
Weights and Dimensions*				
Overall length (in. / mm)	175 / 4,453			
Width (in. / mm)	98.5 / 2,501			
Overall height cab (in. / mm)	117 / 2,965			
Wheelbase (in. / mm)	100.8 / 2,560			
Unladen weight (lb / kg)	6,050 / 13,338			
Perm. overall weight (lb / kg)	10,500 / 23,148			
Electrical Equipment				
Starter (kW) battery	4			
Alternator	14.4 V / 200 A			

*Standard wheels in U.S.: 16.9R28 / 20.8R38



Loader specifications

Model	4X/75	4X/80
A Digging depth in. ¹	6	6
B Lifting height in. ¹	163	163
C Dumping distance in. ¹ [B = 11.4 ft. (3.5 m)]	63.3	63.3
C Dumping distance in. ¹ [B = max.]	45	45
D Angle of emptying	55°	55°
E Angle of backwards tilt	48°	48°
Lift capacity over full height lbs.	4,361	5,080
Maximum lift capacity lbs.	5,058	5,889