

Agrotron TTV 1145–1160

Engine		1145	1160
Manufacturer / type		Deutz / BF 6 M 1013 EC	
Cylinders / displacement	No. / in. ³ (L)	6 / 436 (7.1 L)	
Bore / stroke	in. (mm)	4.25 / 5.1 (108 / 130)	
Crankcase capacity	U.S. gal. (L)	5.5 (21)	
Cooling system		Liquid	
Electronic engine control (EMC)		Standard	
Rated power (ECE R24)	hp (kW)	143 (105)	154 (113)
Maximum power (2000/25/EC)	hp (kW)	148 (109)	160 (118)
Rated engine speed	rpm	2300	
Maximum torque	ft.-lb. (Nm)	418 (567)	453 (615)
Power range	rpm	1800–1350	1800–1300
Torque rise	%	37	29
Constant power range	rpm	1700–2300	1750–2300
Air system		Turbocharger with charge air-cooling	
Oil cooler		Standard	
Fuel cooler		Standard	
Fuel tank capacity	U.S. gal. (L)	71 (270)	
POWERTRAIN			
Transmission		1145	1160
Transmission type		Stepless transmission ZF Eccom to 31 mph (50 km/h*); Optional: 25 mph (40 km/h)	
Speed adjustment		Accelerator pedal on PowerComV control lever	
Gear ratios		4 planetary units	
Reversing gearbox		Hydraulic, wet multi-disk clutches	
Oil cooler		Standard	
Transmission oil capacity w/hydraulics	U.S. gal. (L)	23.8 (90)	
Rear PTO		1145	1160
Clutch		Wet, engagement modulated	
Actuation		Electrohydraulic rocker switch	
PTO stub		Flange-mounted	
Profiles		1-3/8" 6-spline shaft or 1-3/8" 21-spline; 1-3/4" 20-spline	
Speed 540 / 1000	rpm	2024 / 2036	
Engine speed 540E / 1000E	rpm	1647 / 1656	

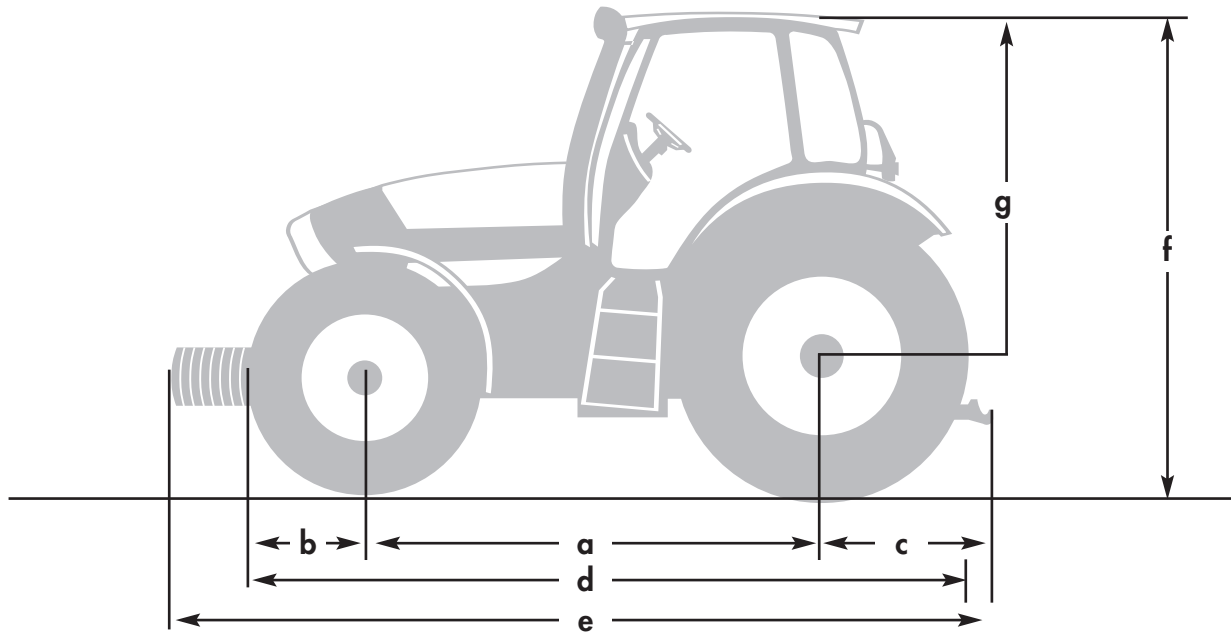
Specifications

POWERTRAIN (cont.)		
Front PTO	1145	1160
Clutch		Wet, multi disk
Actuation		Electrohydraulic
Speed	rpm	1000
PTO profile		1-3/8" 6-spline
Max. transferable power	hp (kW)	150 (112)
Direction of rotation		Clockwise
HYDRAULICS		
System specs	1145	1160
System type		Load sensing
Oil reservoir		Common, with transmission
Main pump capacity	gpm / psi (L/min. / bar)	31.7 / 2,900 (120 / 200)
Oil capacity	U.S. gal. (L)	11.9 (45)
3-point hitch	1145	1160
Agrotronic-hD	Draft control / position control / combined control / float / diagnosis / vibration damping / slip control	
Rear 3-point hitch	Cat. 2 / 3; quick-connect	
Rear lift capacity	lbs. (kg)	20,240 (9200)
Rear 3-point hitch remote control	Standard, on left fender (left and right on wide fenders)	
Front 3-point hitch	Optional	
Front 3-point hitch	Cat. 2; quick-connect	
Front lift capacity	lbs. (kg)	7,920 (3600)
Rear hydraulic outlets	1145	1160
No. electronically actuated	4 (standard); 1 additional front (optional)	
Functions	Double-acting with float position (can be coupled under pressure)	
Actuation	1 + 2 electronic (standard), 3 + 4 electronic joystick (optional)	
Flow rate / time	Electronically adjustable	
Leakage oil collection containers	Standard	
Power Beyond direct connection	Standard	

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Steering, brakes and chassis		1145	1160
Steering system		Hydrostatic with balanced steering cylinder	
Steering pump		Separate circuit with separate pump	
Steering pump capacity	gpm / psi (L/min. / bar)	11.62 / 2,683 (44 / 185)	
Steering angle / turning radius	ft. (m)	52° / 16.8 (5.12)	
Brakes	front/rear	Automatic activation of the front drive / Oil-immersed, multi-disc brake system	
Parking brake		Actuates the rear disc brakes	
Front axle suspension		31 mph (50 km/h) (standard); 25 mph (40 km/h) (optional)	
Differential locks front / rear	ASM	Fully automatic control by speed, steering angle, individual wheel braking and slip (100% locking); can be deactivated	
Electrical system		1145	1160
Alternator	V/A	12 / 95 (standard); 12 / 120 (optional)	
Battery	V/Ah	12 / 170	
External socket		7-pole signal / 7 poles to ISO and DIN	
High current socket		3-pin, 25 A	
Agrotronic-hD connections		External signal transmitter, 4-pin	
Operator's station		1145	1160
Manufacturer		Deutz-Fahr	
Cab		Standard	
Glass roof hatch		Standard	
PowerComV armrest		Standard	
Cab suspension		Mechanical (standard); Pneumatic (optional)	
Track widths and tires in. (mm)		1145	1160
Available factory-production wheels*			
16.9 R28	Front	74.8 (1900)	
20.8 R38	Rear	74.8 (1900)	
480/70 R28	Front	74.8 (1900)	
580/70 R38	Rear	74.8 (1900)	
540/65 R28	Front	74.8 (1900)	
650/65 R38	Rear	72.8 (1850)	
Service tires (acceptable tire combinations)			
230 / 95 R36	Front	70.9 (1800)	
270 / 95 R48	Rear	70.9 (1800)	
270 / 95 R32	Front	70.9 (1800)	
300 / 95 R46	Rear	70.9 (1800)	

Specifications



Dimensions (with tires 580/70R38)		1145	1160
a. Wheel base	in. (mm)	108.9 (2767)	
b. Distance wheel center front member	in. (mm)	27.8 (705)	
c. Distance wheel center lower link powerlift	in. (mm)	49.5 (1257)	
d. Length, w/o linkage or weights	in. (mm)	186.2 (4730)	
e. Overall length with ballast weights	in. (mm)	199 (5049)	
f. Height to top of cab	in. (mm)	117.1 (2975)	
g. Height axle center / top of cab	in. (mm)	83.5 (2120)	
Width across tires	in. (mm)	97.6 (2480)	
Ground clearance	in. (mm)	22.5 (570)	

With 31 mph (50 km/h) or wide fender: Overall width 98.4 (2500 mm).

Weights		1145	1160
Shipping weight	lbs. (kg)	14,355 (2195)	
Max. gross weight	lbs. (kg)	23,100 (10,500)	

With front axle suspension: +440 lbs. (200 kg); cab suspension +55 lbs. (25 kg); front powerlift: +660 lbs. (300 kg); front PTO +176 lbs. (80 kg); trailer braking system +110 lbs. (50 kg); front ballast carrier +726 lbs. (330 kg).