

Equipment variants.*

	Power+	Profi	Profi+
Engine			
Reversible fan	□	□	□
Fuel pre-filter (heated)	□	□	□
Preheater unit (engine, transmission, hydraulic oil)	□	□	□
Exhaust brake	□	□	□
Transmission			
VarioDrive with variable torque distribution between the front and rear axle	■	■	■
Shuttle function, stop-and-go function	■	■	■
Acoustic signal when reversing	□	□	□
Guidance system			
Guidance system basic package	■	□	■
Standard Trimble / NovAtel	□	□	□
RTK Trimble / NovAtel	□	□	□
TI Headland (TI Auto & TI Turn Assistant)	□	□	□
Contour Assistant	□	□	□
Agronomy			
Agronomy basic package	□	□	■
Telemetry			
Telemetry basic package	□	□	■
Smart Connect	□	□	□
Machine control			
Machine control basic package	■	■	■
Section Control	□	□	□
Variable Rate Control	□	□	□
Implement Management (TIM)	□	□	□
Implement Management (TIM-Steering)	□	□	□
Vario operation			
Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics	■	■	■
3L joystick	□	□	□
Individual Operation Manager – flexible key assignment	■	■	■
Digital Dashboard	■	■	■
12" terminal with touchscreen and key control	■	■	■
Second 12" terminal in roof	□	□	□
Electronic immobiliser	■	■	■
Without immobiliser	□	□	□
Cab			
Mechanical cab suspension	■	■	■
Pneumatic cab suspension, 4-point with integral self-levelling	□	□	□
Super Comfort Seat, air sprung	■	■	■
Super comfort seat Evolution dynamic / CA	□	□	□
Super Comfort Seat Evolution active DuMo leather/CA	□	□	□
Super Comfort Seat Evolution dynamic DuMo/CA	□	□	□
Comfort instructor seat	■	■	■
Integrated automatic climate control	■	■	■
Front windscreen laminated safety glass, heated	■	■	■
Rear window heated	■	■	■
300°-front windscreen wipers (with continuous windscreen)	■	■	■
Rear window wash/wipe	□	□	□
Side window wash/wipe system right	■	■	■
Infotainment package	□	□	□
Infotainment bundle + 4.1 sound system	□	□	□
EC tachograph standard	□	□	□
Fendt Reaction steering system	■	■	■
Radar sensor	□	□	□
Reverse drive control	□	□	□
Cool box	□	□	□

	Power+	Profi	Profi+
Lighting			
Auxiliary LED lights at front	□	□	□
3rd brake light	□	□	□
LED rotating beacons	□	□	□
Chassis			
FSC Fendt Stability Control	■	■	■
Single wheel suspension front axle	■	■	■
Pneumatic high-speed dual-circuit braking system 1 pedal	■	■	■
Pneumatic high-speed dual-circuit braking system 2 pedal	□	□	□
Electro-pneumatic handbrake	■	■	■
Electro-pneumatic handbrake (handbrake assist)	□	□	□
Automatic trailer steering axle lock	□	□	□
VarioGrip tyre pressure regulation system	□	□	□
4WD / differential locks			
Smart 4-wheel drive	■	■	■
Rear / front differential with 100% disc locking and steering angle sensors	■	■	■
Power lift			
Tractive power and stepless mixed control	■	□	■
Single-action Comfort front power lift with position adjustment and external controls	□	□	□
Comfort front power lift da, with position control and relief control, external controls	□	□	□
No rear power lift	■	■	■
Electrohydraulic power lift da (EHR), with external controls	□	□	□
Lower link tail arrester cat. 4	□	□	□
PTO			
Rear: Flanged PTO 1000/1000E/1300 rpm	□	□	□
External controls for rear PTO	□	□	□
Hydraulics			
External control for hydraulic control unit at rear	■	■	■
Load sensing system with axial piston pump (165 l/min)	■	■	■
Load sensing system with axial piston pump (220 l/min)	□	□	□
Load sensing system with 2 axial piston pumps (220+210 l/min)	□	□	□
Hydraulic power beyond connection	□	□	□
Return rear	■	■	■
Unpressurised rear return flow	□	□	□
FFC flat-gasket rear hydraulic couplings	□	□	□
Double connect-under-pressure lever couplings rear	■	■	■
CUP coupling rear	□	□	□
Bio hydraulic oil	□	□	□
Additional equipment			
Automatic trailer hitch with remote control, rear	■	■	■
Ball coupling, height adjustable	□	□	□
Ball coupling, short, in the bottom hitch	□	□	□
Ball coupling, long, in the bottom hitch	□	□	□
Hitch	□	□	□
Drawbar	■	■	■
Piton-fix	□	□	□
Comfort ballast for front-end weight (not available with front power lift)	■	■	■
Wheel weights, rear wheels	□	□	□
Forced steering (one or two-sided)	□	□	□
Wide vehicle marker	■	■	■

Technical specifications.

		1038 Vario	1042 Vario	1046 Vario	1050 Vario
Engine					
Rated power ECE R 120	kW/hp	291/396	320/435	350/476	380/517
Maximum power ECE R 120	kW/hp	291/396	320/435	350/476	380/517
Constant power ECE R 120 from 1500 rpm to 1700 rpm	kW/hp	291/396	320/435	350/476	380/517
No. of cylinders	number	6	6	6	6
Cylinder bore/stroke	mm	126/166	126/166	126/166	126/166
Cubic capacity	cm³	12419	12419	12419	12419
Rated speed	rpm	1700	1700	1700	1700
Max. torque at 1100-1500 rpm	Nm	1910	2108	2305	2420
Torque rise	%	17.0	17.0	17.0	13.0
Fuel level	litres	740.0	740.0	740.0	740.0
AdBlue tank	litres	84.0	84.0	84.0	84.0
Constant power range	rpm	1500 - 1700	1500 - 1700	1500 - 1700	1500 - 1700
Transmission and PTO					
Transmission type		TA 400	TA 400	TA 400	TA 400
Speed range forward	km/h	0,02-60	0,02-60	0,02-60	0,02-60
Speed range reverse	km/h	0,02-33	0,02-33	0,02-33	0,02-33
Top speed	km/h	60	60	60	60
Rear PTO option		1000/1000E/1300	1000/1000E/1300	1000/1000E/1300	1000/1000E/1300
Power lift and hydraulics					
Variable flow pump	l/min	165	165	165	165
Variable flow pump option 1	l/min	220	220	220	220
Variable flow pump option 2	l/min	220+210	220+210	220+210	220+210
Working pressure / control pressure	bar	200	200	200	200
Max. valves (front/centre/rear) Profi / Profi+	Number	1/0/6	1/0/6	1/0/6	1/0/6
Max. available hydraulic oil volume	litres	100	100	100	100
Max. lift capacity of rear power lift	daN	12920	12920	12920	12920
Max. lift capacity of front power lift	daN	5584	5584	5584	5584
Tyres					
Front tyres (standard)		650/60R38	650/65R38	650/65R38	650/65R38
Standard tyres rear		750/70R44	750/75R46	750/75R46	750/75R46
1st option for front tyres		650/65R38	710/60R38	710/60R38	710/60R38
1st option for rear tyres		750/75R46	900/65R46	900/65R46	900/65R46
Dimensions					
Front track width (standard tyres)	mm	2100	2100	2100	2100
Rear track width (standard tyres)	mm	2000	2000	2000	2000
Overall width with standard tyres	mm	2750	2750	2750	2750
Overall length	mm	6350	6350	6350	6350
Total height of driver's cab with standard tyres with Fendt Guide	mm	3506	3606	3606	3606
Max. ground clearance	mm	600	600	600	600
Wheelbase	mm	3300	3300	3300	3300
Weights					
Unladen weight (base tractor with cab - full tanks, without driver)	kg	14000.0	14000.0	14000.0	14000.0
Max. permissible overall weight up to 40 km/h country-specific exception approval required	kg	23000.0	23000.0	23000.0	23000.0
Max. permissible overall weight up to 50 km/h country-specific exception approval required	kg	21000.0	21000.0	21000.0	21000.0
Max. permissible overall weight up to 60km/h	kg	18000.0	18000.0	18000.0	18000.0
Max. trailer hitch load	kg	2000.0	2000.0	2000.0	2000.0
Max. permissible front axle load	kg	10000.0	10000.0	10000.0	10000.0
Max. permissible front axle load up to 8 km/h	kg	11000.0	11000.0	11000.0	11000.0
Max. permissible rear axle load (country-specific)	kg	13000.0	13000.0	13000.0	13000.0

* Please refer to the Settings for equipment variants