

Equipment variants.*

	Power	Profi	Profit+
Engine			
Preheater unit (engine, transmission oil)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Transmission			
Shuttle function, stop-and-go function	■	■	■
Acoustic signal when reversing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Guidance system			
Guidance system basic package			■
Standard Trimble / NovAtel			<input type="checkbox"/>
RTK Trimble / NovAtel			<input type="checkbox"/>
TI Headland (TI Auto & TI Turn Assistant)			<input type="checkbox"/>
Contour Assistant			<input type="checkbox"/>
Implement Slope Compensation			<input type="checkbox"/>
Agronomy			
Agronomy basic package			■
Telemetry			
Telemetry basic package	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smart Connect			<input type="checkbox"/>
Machine control			
Machine control basic package		<input type="checkbox"/>	■
Section Control			<input type="checkbox"/>
Variable Rate Control			<input type="checkbox"/>
Fendt Implement Management (TIM)			<input type="checkbox"/>
Fendt Implement Management (TIM-Steering)			<input type="checkbox"/>
Vario operation			
Multi-function joystick with cruise control, engine speed memory, automatic modes, controls for hydraulics	■	■	■
3L joystick		<input type="checkbox"/>	<input type="checkbox"/>
Individual Operation Manager – flexible key assignment	■	■	■
Digital Dashboard	■	■	■
12" terminal with touchscreen and key control		<input type="checkbox"/>	■
Second 12" terminal in roof		<input type="checkbox"/>	<input type="checkbox"/>
Fendt Active steering			■
Cab			
Active charcoal filter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mechanical cab suspension	<input type="checkbox"/>	■	■
Pneumatic cab suspension		<input type="checkbox"/>	<input type="checkbox"/>
Super comfort seat 3-point belt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comfort seat, air sprung	■	■	■
Super Comfort Seat, air sprung	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air-conditioning	■	■	■
Integrated automatic climate control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Split windscreen and door on right	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Continuous windscreen	■	■	■
One-piece windscreen and door on right	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear window wash/wipe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear view mirror and wide-angle mirror electrically adjustable, heated		<input type="checkbox"/>	<input type="checkbox"/>
Auxiliary device holder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Terminal bracket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Universal mobile phone holder	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tablet bracket	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Radio mounting kit with two stereo speakers	■	■	■
Infotainment bundle + 4.1 sound system		<input type="checkbox"/>	<input type="checkbox"/>
4 camera connections		<input type="checkbox"/>	<input type="checkbox"/>
4 USB ports	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fendt Reaction steering system	■	■	■
Brake level device	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electric battery disconnect switch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Power	Profi	Profit+
Lighting			
Auxiliary lights front	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Work lights A-pillar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A-pillar LED work lights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear mudguard work lights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear mudguard LED work lights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Roof rear work lights / 2 pairs	■	■	■
Roof rear LED work lights / 2 pairs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Roof front external work lights	■	■	■
Roof front external LED work lights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Roof front internal work lights	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chassis			
Front axle suspension self-levelling, lockable	■	■	■
Steering brake	■	■	■
Automatic trailer steering axle lock		<input type="checkbox"/>	<input type="checkbox"/>
Compressed air system 2-circuit system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4WD / differential locks			
Rear / front differential with 100% disc locking and steering angle sensors	■	■	■
Power lift			
Sa front power lift, with external control (separate valve)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comfort front power lift da, with position control, external controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comfort front power lift da, with position control and relief control, external controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electrohydraulic power lift sa (EHR), with external controls	■	■	■
Externally controlled rear power lift	■	■	■
PTO			
Front: 1000 rpm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear PTO 540/WZW/1000 rpm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear PTO 540/540E/1000 rpm	■	■	■
Rear: Flanged PTO 540/540E/1000 rpm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External controls for rear PTO	■	■	■
PTO comfort control, electrohydr. preselection	■	■	■
Hydraulics			
EHS valve actuation crossgate lever, multi-function joystick	■	■	■
EHS valve actuation linear module	<input type="checkbox"/>	■	■
External control for hydraulic control unit at rear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hydraulic tandem pump, hydraulic oil cooler (46+ 38 l/min)	■		
Load sensing system with axial piston pump (110 l/min)	<input type="checkbox"/>	■	■
1st and 2nd EHS valve at rear	■	■	■
3rd EHS valve at rear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4th EHS valve at rear or 3rd EHS valve at rear and 1st EHS valve in front	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unpressurised rear return flow	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rear DCUP couplings (connect under pressure)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CUP coupling rear	■	■	■
Additional equipment			
Manual hitch	■	■	■
Automatic trailer hitch with remote control, rear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ball coupling, height adjustable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hitch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drawbar	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Piton-fix	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wheel weights, rear wheels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pivoting front wheel mudguard	<input type="checkbox"/>	■	■
Front loader			
Front loader Cargo 4X/75 Compact	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Front loader Cargo 4X/75 Profi		<input type="checkbox"/>	<input type="checkbox"/>

Technical specifications.

		311 Vario	312 Vario	313 Vario	314 Vario
Engine					
Rated power ECE R 120	kW/hp	74/100	83/113	90/123	97/132
Rated power with DP ECE R 120 (approval rating)	kW/hp				104/142
Maximum power ECE R 120	kW/hp	83/113	90/123	98/133	104/142
Maximum power with DP ECE R 120	kW/hp				112/152
Cubic capacity	cm³	4400	4400	4400	4400
Rated speed	rpm	2100	2100	2100	2100
Max. torque at 1500 rpm	Nm	497	536	571	608
Max. torque with DP at 1500 rpm	Nm				650
Torque rise	%	48.3	41.5	38.9	37.2
Fuel level	litres	210.0	210.0	210.0	210.0
AdBlue tank	litres	23.0	23.0	23.0	23.0
Transmission and PTO					
Transmission type		ML 75	ML 75	ML 75	ML 75
Speed range forward	km/h	0,02-40	0,02-40	0,02-40	0,02-40
Speed range reverse	km/h	0,02-25	0,02-25	0,02-25	0,02-25
Top speed	km/h	40	40	40	40
Rear PTO		540/ 540E/ 1000	540/ 540E/ 1000	540/ 540E/ 1000	540/ 540E/ 1000
Rear PTO option (including ground speed PTO)		540/1000/4,2	540/1000/4,2	540/1000/4,2	540/1000/4,2
Front PTO option		1000	1000	1000	1000
Power lift and hydraulics					
Dual hydraulic pump	l/min	46+38	46+38	46+38	46+38
Variable flow pump	l/min	110	110	110	110
Max. valves (front/centre/rear)	number	0/0/4	0/0/4	0/0/4	0/0/4
Max. valves available as an option (front/centre/rear)	number	1/0/3	1/0/3	1/0/3	1/0/3
Max. available hydraulic oil volume	litres	43	43	43	43
Max. lift capacity of rear power lift	daN	5960	5960	5960	5960
Max. lift capacity of front power lift	daN	3130	3130	3130	3130
Tyres					
Front tyres (standard)		440/65R24	440/65R24	480/65R24	480/65R24
Standard tyres rear		540/65R34	540/65R34	540/65R38	540/65R38
1st option for front tyres		480/65R24	480/65R24	16.9R24	16.9R24
1st option for rear tyres		540/65R38	540/65R38	18.4R38	18.4R38
2nd option for front tyres		540/65R24	540/65R24	540/65R24	540/65R24
2nd option for rear tyres		600/65R38	600/65R38	600/65R38	600/65R38
Dimensions					
Front track width (standard tyres)	mm	1685	1685	1820	1820
Rear track width (standard tyres)	mm	1660	1660	1800	1800
Overall width with standard tyres	mm	2220	2220	2320	2320
Overall length	mm	4336	4336	4336	4336
Max. ground clearance	mm	510	510	510	510
Wheelbase	mm	2420	2420	2420	2420
Weights					
Unladen weight (base tractor with cab - full tanks, without driver)	kg	4850.0	4850.0	5010.0	5010.0
Max. permissible overall weight	kg	9000.0	9000.0	9000.0	9000.0

* Please refer to the Settings for equipment variants