

FENDT IDEAL

Technical specifications.

Standard and optional equipment

Standard: ■

Optional: □

		IDEAL 7	IDEAL 7 PL	IDEAL 8	IDEAL 8 PL	IDEAL 9	IDEAL 9 PL
Table							
Table widths PowerFlow from - to	m	7.70 - 10.70	7.70 - 9.20	9.20 - 12.20	9.20 - 12.20	10.70 - 12.20	10.70 - 12.20
Cutting frequency PowerFlow	cuts/min	1220	1220	1220	1220	1220	1220
TerraControl II™ table guidance		■	■	■	■	■	■
AutoLevel table control		■	■	■	■	■	■
Automatic reel speed		■	■	■	■	■	■
Electric rape knife		□	□	□	□	□	□
Multi-coupler		■	■	■	■	■	■
Hydraulic reel drive		■	■	■	■	■	■

		IDEAL 7	IDEAL 7 PL	IDEAL 8	IDEAL 8 PL	IDEAL 9	IDEAL 9 PL
Crop elevator							
EHU (Eyesight Hook Up)		■	■	■	■	■	■
AutoDock™ - automatic table docking		□	□	□	□	□	□
Ag Tag - automatic table recognition		□	□	□	□	□	□
Variable table drive		□	□	□	□	□	□
HP - hydraulic cutting angle adjustment		□	□	□	□	□	□
Intake chains	number	3	3	3	3	4	4
Hydraulic reverse		■	■	■	■	■	■

		IDEAL 7	IDEAL 7 PL	IDEAL 8	IDEAL 8 PL	IDEAL 9	IDEAL 9 PL
Threshing system							
Single Helix threshing mechanism		■	■				
Dual Helix threshing mechanism				■	■	■	■
Rotors	number	1	1	2	2	2	2
Rotor diameter	mm	600	600	600	600	600	600
Rotor length	mm	4838	4838	4838	4838	4838	4838
Rotor speed	rpm	400 - 920	400 - 920	400 - 920 / 280 - 1160	400 - 920 / 280 - 1160	280 - 1160	280 - 1160
Helix threshing mechanism concave area	m²	0.83	0.83	1.66	1.66	1.66	1.66
Helix threshing mechanism separation area	m²	1.44	1.44	1.92	1.92	2.40	2.40
Rotor feeder diameter	mm	600	600	600	600	600	600
Rotor feeder speed	rpm	285-656	285-656	285 - 656	285 - 656	200 - 828	200 - 828

		IDEAL 7	IDEAL 7 PL	IDEAL 8	IDEAL 8 PL	IDEAL 9	IDEAL 9 PL
Residual grain separation							
Total separation area	m²	2.27	2.27	3.58	3.58	4.06	4.06

		IDEAL 7	IDEAL 7 PL	IDEAL 8	IDEAL 8 PL	IDEAL 9	IDEAL 9 PL
Cleaning							
Cyclone cleaning system		■	■	■	■	■	■
IDEALbalance™ - grain pans		■	■	■	■	■	■
Preparation floor area	m²	2.05	2.05	2.05	2.05	2.05	2.05
Top sieve area	m²	2.71	2.71	2.71	2.71	2.98	2.98
Lower sieve area	m²	2.19	2.19	2.19	2.19	2.42	2.42
Total sieve area	m²	4.9	4.9	4.9	4.9	5.4	5.4
Fan speed	rpm	250 - 1400	250 - 1400	250 - 1400	250 - 1400	250 - 1400	250 - 1400
Electrical blower setting		■	■	■	■	■	■
Double, ventilated steps		■	■	■	■	■	■
Separate rethresher		■	■	■	■	■	■
Electric sieve adjustment		■	■	■	■	■	■
Returns indicator		■	■	■	■	■	■

		IDEAL 7	IDEAL 7 PL	IDEAL 8	IDEAL 8 PL	IDEAL 9	IDEAL 9 PL
Grain tank							
Streamer 210 - 210 l/s / 17,100 l		□		□		■	
Streamer 140 - 140 l/s / 12,500 l		■	■	■	■		■
ScrollSwing control		■	■	■	■	■	■
StreamerGates - discharge rate adjustment		■	■	■	■	■	■
Interior lighting		■	■	■	■	■	■
Ladder in grain tank for safe entry		■	■	■	■	■	■
Flap and slide for taking samples		■	■	■	■	■	■
Grain tank discharge tube 7.60 m - rigid		■	■	■	■	□	□
Grain tank discharge tube 9.15 m - rigid		□	□	□	□	■	■
Grain tank discharge tube 9.15 m - foldable		□	□	□	□	□	□
Grain tank discharge tube 10.60 m - foldable		□	□	□	□	□	□

		IDEAL 7	IDEAL 7 PL	IDEAL 8	IDEAL 8 PL	IDEAL 9	IDEAL 9 PL
Straw chopper							
BaseCut - 56 serrated knives		■	■	■	■	■	■
ShortCut - 112 serrated knives		□	□	□	□	□	□
Chaff spreader		□	□	□	□	□	□
Electrically adjustable deflector plates		□	□	□	□	□	□
ActiveSpread radial spreader		□	□	□	□	□	□

		IDEAL 7	IDEAL 7 PL	IDEAL 8	IDEAL 8 PL	IDEAL 9	IDEAL 9 PL
Engine							
MAN engine				■	■	■	■
AGCO Power Engine		■	■				
AirSense® cooling system		■	■	■	■	■	■
Emission stage	Stage	5 / V	5 / V	5 / V	5 / V	5 / V	5 / V
Cylinders	number	7	7	6	6	6	6
Displacement	litres	9.8	9.8	12.4	12.4	15.2	15.2
Rated engine speed	rpm	1900	1900	1900	1900	1900	1900
Max. performance with PowerBoost (ECE R 120)	kW/hp	336 / 451	336 / 451	401 / 538	401 / 538	483 / 647	483 / 647
Fuel tank capacity Standard/optional	litres	1000 / 1250	1000 / 1250	1000 / 1250 / 1500	1250 / 1500	1000 / 1250 / 1500	1250 / 1500
AdBlue tank capacity	litres	180	180	180	180	180	180
DriveCenter		■	■	■	■	■	■
Air compressor		□	□	□	□	□	□

		IDEAL 7	IDEAL 7 PL	IDEAL 8	IDEAL 8 PL	IDEAL 9	IDEAL 9 PL
Chassis							
MotionShift gearbox		■	■	■	■	■	■
Gear steps	number	2	2	2	2	2	2
Max. driving speed*	km/h	40	40	40	40	40	40
AllDrive 4WD		□	□	□	□	□	□
ParaLevel slope compensation			■		■		■

		IDEAL 7	IDEAL 7 PL	IDEAL 8	IDEAL 8 PL	IDEAL 9	IDEAL 9 PL
Cab							
Vision cab		■	■	■	■	■	■
Air-suspended driver seat		■	■	■	■	■	■
Deluxe operator's seat		□	□	□	□	□	□
Automatic climate control		■	■	■	■	■	■
Electrically adjustable heated exterior mirrors		■	■	■	■	■	■
Additional wide-angle mirror		■	■	■	■	■	■
Additional work light		■	■	■	■	■	■
Work light - full LED		□	□	□	□	□	□
Radio		□	□	□	□	□	□
Multimedia navigation		□	□	□	□	□	□
Reversing camera		■	■	■	■	■	■
360° camera system		□	□	□	□	□	□
Cooler compartment integrated into the passenger seat		□	□	□	□	□	□
Loss indicator		■	■	■	■	■	■
Adjustable steering column		■	■	■	■	■	■
ProSound System		□	□	□	□	□	□
PowerFold swingable entry ladder		■	■	■	■	■	■

		IDEAL 7	IDEAL 7 PL	IDEAL 8	IDEAL 8 PL	IDEAL 9	IDEAL 9 PL
Fendt Variotronic							
Fendt Varioterminal 10.4*		■	■	■	■	■	■
Fendt Dashboard		■	■	■	■	■	■
SmartConnect™ app		□	□	□	□	□	□
HarvestPlus - automatic output control		■	■	■	■	■	■
IDEALharvest™ - machine optimisation		□	□	□	□	□	□
Fendt VarioGuide		□	□	□	□	□	□
Fendt VarioGuide NovAtel/Trimble		□	□	□	□	□	□
Fendt VarioGuide pre-equipment		■	■	■	■	■	■
Fendt VarioDoc		■	■	■	■	■	■
Fendt VarioDoc Pro		□	□	□	□	□	□
Fendt Connect		■	■	■	■	■	■
Yield and moisture measurement		■	■	■	■	■	■
Yield mapping		□	□	□	□	□	□

		IDEAL 7	IDEAL 7 PL	IDEAL 8	IDEAL 8 PL	IDEAL 9	IDEAL 9 PL
Weights and dimensions							
Length without table	m	9.127	9.13	9.126	9.13	10.632	10.63
Width without table, standard tyres	m	3.29	3.49	3.49	3.49	3.49	3.49
Height	m	3.99	3.99	3.99	3.99	3.99	3.99

		IDEAL 7	IDEAL 7 PL	IDEAL 8	IDEAL 8 PL	IDEAL 9	IDEAL 9 PL
Tyres							
Drive axle tyres (standard)		800/70R32	800/70R32	800/70R32	800/70R32	800/70R32	800/70R32
Steering axle tyres (standard)		520/80R26	520/80R26	620/70R26	620/70R26	620/70R26	620/70R26
Transport widths							
1000/55R32	mm	3890	3890	3890	3890	3890	3890
900/60R38	mm	3790	3790	3790	3790	3790	3790
800/70R38 - 3.3 m	mm	3290		3290		3290	
800/70R38 - 3.5 m	mm	3490	3490	3490	3490	3490	3490

* = depends on country - additional legal constraints may apply