

T-ForcePlus 450



The workhorse for your farm

The T-ForcePlus 450 is Novag's most produced drill for good reasons. Thanks to a good balance between size and power requirements, this model is appealing for most farms and contractors, including bigger operations during the transition phase to no-till. At an average working speed of 8 km/h, a lot of ground can be covered in many less hours than a conventional tillage system!

The 450 platform can be specified from two variants: the standard 450 has a working width of 4 m, and the "controlled traffic" model, the 450CT, has an extended work width of 4.5 m.

Get onboard the T-ForcePlus drill range



4 m – 4.5 m
Working width



16.66 \ 19 \ 25 cm
Rowspacing



> 160 HP
Tractor power



4,200 l
Main hopper capacity



Novag no-tillage seed drills

It's time to see red. Now.

The way it's yours: optional systems & specifications

T-ForcePlus	150	250	350
Dimensions			
Working width	1.12 – 2 m	2 – 3 m	3 m
Transport width	1.2 – 2.1 m	2.1 – 3 m	3 m
Total length with drawbar	4.7 m	5.27 m	6.5 m
Height with std equipment	2.55 m	2.35 m	2.9 m
Empty Weight	1.8 – 3.2 t	3 – 4 t	6.5 t
Additional weight: Ballast	Optional, 300 – 800 kg	Optional, 300 – 1,950 kg	-
Max. Technical Weight	4 – 6 t	7 t	12 t
Openers			
Row spacing (cm)	16.66\18.75\25	16,67\18,75\25	16.66\18.75\25
Nb of rows	max. 8	max. 16	18\16\12
Recommended power	> 70 HP	> 100 HP	> 120 HP
Downforce	Applied by a hydrl. cylinder on each opener, from 100 to 500 kg		
Discs	Hardened notched discs 575 × 5 mm or 520 × 5 mm		
Blades	Pair of hard chrome iron blades NiHard. Optional Carbide		
Press Wheels	2 press wheels arranged in V; semi pneumatic tyres 410 × 75 mm or 400 × 115 mm		
Seeding depth	Fully adjustable on a 0 – 8 cm range		
Hitch			
Tow Hitch	3 pt linkage (Cat. 1\2\3)	3 pt linkage (Cat. 2\3)	Tow eye, ball hitch K80 or 3 pt linkage system
Drawbar	-	-	Hydraulic adjustable drawbar
Metering System			
Type	Pneumatic System	Pneumatic System	Pneumatic System
Drive	Hydraulic drive with Variable Rate Control		
Hoppers			
Main Double hopper	550 l\180 l	1,600 l\700 l	4,200 l
Adjustable wall ratios	-	-	2,300\1,900 l or 1,400\2,800 l
Auxiliary bin	Optional, up to 2 × 30 l	Optional, up to 2 × 80 l	Optional, up to 2 × 120 l
Empty hopper sensor	Capacitive sensor on each bin		
Spreader counts front\rear	-	Optional, 2\2	Optional, 4\2
Singulation; IntelliRowPlus	Optional, 37.5\50\75 cm	37.5\50\75 cm	Optional, 37.5\50\75 cm
Electronics			
Depth control	IntelliForcePlus System	IntelliForcePlus System	IntelliForcePlus System
Monitor and VRA	Configurable, ISOBUS Ready controls", Opt. Variable Rate Application (VRA) IntelliRatePlus		
Blockage monitor + seed	Optional, fully integrated to the monitor		
Axle			
Track	1,200 – 1,500 mm	1,600 – 1,800 mm	2,200 mm
Type	Optional, hydraulic brake	Hydraulic or pneumatic brakes	Hydraulic or pneumatic brakes
Standard tyres \ tracks sizes	420\65 R20	500\45 R22.5 or 650\40 R22.5	710\50 R26.5
Hydraulics			
Distributors	1 distributor	LS-System. 2 distributors	LS-System. 2 distributors
Oil cooler \ Air heater	-	-	Included in basic model
Hydraulic flow requirement	> 20 l/min	> 30 l/min	> 40 l/min

450	450CT	650	850\950\950X
4 m	4.5 m	6 m	8 – 10 m
3 m	3 m	3 m	3 m
6.5 m	6.5 m	7.5 m	9.5 m
3 m	3 m	3.7 m	3.95 m
7.5 t	8 t	12 t	18 t
Optional, 1,200 kg	Optional, 1,700 kg	Optional, 1,300\2,500 kg	Optional, 3,500 kg
12 t	12 t	17 t	26 t
16.66\19\25	18.75\25	16.66\18.75\25	18.75\20\25
24\21\16	24\18	36\32\24	max. 48
> 160 HP	> 200 HP	> 250 HP	> 360 HP
Applied by a hydrl. cylinder on each opener, from 100 to 500 kg			
Hardened notched discs 575 × 5 mm or 520 × 5 mm			
Pair of hard chrome iron blades NiHard. Optional Carbide			
2 press wheels arranged in V; semi pneumatic tyres 410 × 75 mm or 400 × 115 mm			
Fully adjustable on a 0 – 8 cm range			
Tow eye, ball hitch K80 or 3 pt linkage system (Cat. 3\4)			
Hydraulic adjustable drawbar			
Pneumatic System	Pneumatic System	Pneumatic System	Pneumatic System
Hydraulic drive with Variable Rate Control			
4,200 l	4,200 l	5,400 l	7,700 l
2,300\1,900 l or 1,400\2,800 l	2,300\1,900 l or 1,400\2,800 l	3,000\2,400 l or 1,800\3,600 l	3,650\4,050 l or 5,000 l\2,700 l
Optional, up to 2 × 120 l	Optional, up to 2 × 120 l	Optional, up to 2 × 120 l	Optional, up to 2 × 350 l
Capacitive sensor on each bin			
Optional, 6\4	Optional, 6\4	Optional, 6\4 or 6\6	Optional, 12\6
Optional, 50\75 cm	Optional, 37.5\75 cm	Optional, 50\75 cm	Optional, 75 cm
IntelliForcePlus System	IntelliForcePlus System	IntelliForcePlus System	IntelliForcePlus System
Configurable, ISOBUS Ready controls", Opt. Variable Rate Application (VRA) IntelliRatePlus			
Optional, fully integrated to the monitor			
2,200 mm	2,200 mm	2,200 mm	2,200 mm
Hydraulic or pneumatic brakes	Hydraulic or pneumatic brakes	Hydraulic or pneumatic brakes	Camso Track Syst.
710\50 R26.5	710\50 R26.5	710\50 R30.5	750 × 2,700
LS-System. 2 distributors	LS-System. 2 distributors	LS-System. 3 distributors	LS-System. 3 distributors
Included in basic model			
> 50 l/min	> 50 l/min	> 70 l/min	> 90 l/min