

TUME Vega – a shining star among all seed drills



TUME Vega MiniTill takes its place in the Tume seed drill range between the models JC and Nova Combi. In the design of the Vega MiniTill series, special attention has been paid in the compatibility in minimum tillage conditions, because this method is fast gaining success, while conventional ploughing is losing share at the same time. The new Vega has been dimensioned for large annual acreages. The main strong points in the construction are long life cycle, reliability and high performance, without forgetting the high precision of sowing itself. Wide range of optional equipment offers good opportunities for tailoring according to customer's needs. Vega can be equipped with the ingenious TUME CultiPack intermediate disc harrow, which enables simultaneous minimum cultivation, fertilizer placement and sowing as one pass operation.

New coulter system

Vega has separate coulters for fertilizer and seed. Both coulters are of single disc type, equipped with large, serrated discs with robust bearings to ensure safe rotation. The seed coulters are fixed in strong arms in order to stand the maximum coulter pressure 50 kPa, which is sufficient for all minimum tillage conditions. The coulter pressure can be adjusted hydraulically. In order to limit the seed depth on light soils and shallow sowing, the discs are equipped with depth limiting sideplates, that can be removed or changed to another plate with different profile, if necessary.

Extra large hoppers

Thanks to the hopper size, it is possible to sow 5–7 hectares without re-filling! The hopper volume of a 3m Vega is 4000 litres and in 4m Vega 5600 litres. The partition wall between the fertilizer and seed hoppers is adjustable, which enables to optimize the ratio between the two hopper volumes. This is a great benefit, for example, in sowing rape or when the use of chemical fertilizers is low.

The support wheel system familiar from Nova Combi

Vega has the same brilliant support wheel system that can also be found in Nova Combi. Every pair of wheels has a hydraulic suspension and the wheel system follows the contours of the ground. The support wheels are large and they roll easy on any soil type.

Small transport width makes it easier on the roads

The transport width of Vega is the same as the working width. You can easily and safely keep your own lane with a 3m Vega! The weight is divided on all support wheels, which minimizes the risk of overloading individual tyres.

Wide range of optional equipment

The equipment range enables extensive tailoring according to customer's requirements. As an example, the unique TUME CultiPack disc harrow enables simultaneous seedbed preparation and sowing by one pass.





TECHNICAL DATA

	Vega 3000	Vega 4000
Transport & working width, mm	3000	4000
Hopper volume, m ³	4,07	5,64
Seed hopper volume max, m ³	2,9	4,01
Seed hopper volume min, m ³	1,72	2,38
Fertilizer hopper volume max m ³	2,35	3,26
Fertilizer hopper volume min m ³	1,17	1,62
Unladen weight, kg (standard spec.)	3200	4000
Filling height, mm	2080	2080
Maximum seed coulters pressure, kp	50	50
Coulters pressure adjustment during work	Yes	Yes
Number of seed coulters	24	32
Diameter of seed coulters discs, mm	360	360
Number of fertilizer coulters	12	16
Diameter of fertilizer coulters discs, mm	360	360
Support wheel size	7,50–16	7,50–16
Number of support wheels	12	16
OPTIONAL EQUIPMENT		
Seed dressing device, hopper volume, litres	19	26
Grass seed/starter fertilizer box, volume, litres	320	450

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Compatibility of TUME fertilizer & seed drill in different cultivation methods

CULTIVATION AND SOWING METHOD		TUME SEED DRILL MODEL			
Basic cultivation	Seedbed preparation	JC PRO (Suffolk c.)	JC PRO Laser	Vega MiniTill	Nova Combi
Ploughing	Ordinary seedbed preparation	+++	+++	+++	+++
	PTO rotary cultivator + seed drill	+++	+++	+++	+++
	Levelling	-	+++	+*	+++
Stubble work w. tine cultivator	Ordinary seedbed preparation	-	+**	+++	+++
	Rotary (Hankmo) or disc harrow	-	++	+++	+++
No cultivation	Rotary (Hankmo) or disc harrow	-	++	+++	+++
	No cultivation	-	-	-	+++

Application examples of TUME CultIPack DD + TUME seed drill combination

Operations done by one pass	TUME SEED DRILL MODEL			
	JC PRO (Suffolk c.)	JC PRO Laser	Vega MiniTill	Nova Combi
Seedbed preparation + sowing direct in levelled ploughed land	+++	+++	+++	+++
Seedbed preparation + sowing direct in minimum cultivated land	+	+++	+++	+++
Seedbed preparation + sowing direct in stubble	-	++	+++	+++

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+++ = highly suitable ++ = suitable + = suitable with restrictions - = not suitable
 *) Not suitable for the heaviest clay soils **) Suitable, if the amount of straw is moderate or reasonable ***) On light soils



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