

VENGA Technical parameters

PneuseJ + Quality = 

PNEUSEJ

Technical parameters	Venga 400	Venga 450	Venga 500	Venga 600
Working width (m)	4	4,5	5	6
No. of rows (ks)	24 or 32	30 or 36	32 or 40	40 or 48
Row spacing (cm)	16 or 12,5	15 or 12,5	15 or 12,5	15 or 12,5
Hopper (l)	1800			
Dosing unit	Accord system, mechanically driven from a wheel / electronically driven with Drill-Control			
Rate (kg/ha)	1-380			
Coulters	DXD RC II – disc coulters			
Coulter pressure	Max. 50kg			
Depth adjustment	On every coulter with pressing wheel			
Pressure adjustment	Centrally			
Fan drive	540 RPM			
Weight without seed (kg)	from 1950	from 2000	from 2100	from 2300
Power required (mounted version) (kW)	from 60	from 66	from 75	from 88
Power required (trailed version) (kW)	from 54	from 57	from 60	from 66
Working speed (km/h)	5-12			
Efficiency (ha/h)	2-4,8	2,2-5,4	2,5-6	3-7,2
Attachment	Coupling ring 4t			
Transport width (m)	3			
Filling heigh (m)	2,1			
Filling hole dimensions (m)	1,86x0,9			
Tires	31x15,5-15			
Drill wheel tillers (ks)	2x2			
Tractor wheel tillers (ks)	2x2			





Pneusej VENGA - New era of seed drills

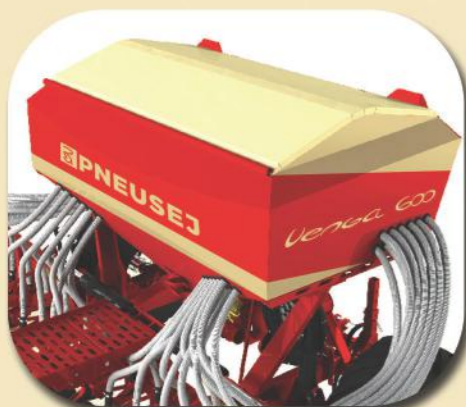
Seed drill designed to fit the requirements of every farmer. Pneusej Venga is a lightweight machine with completely new design and construction, and thanks to the modular system is manufactured in two versions – mounted and trailed. By integrating independent hydraulic axle, 3-point hitch of the tractor is unloaded, which make this machine suitable for tractors from 80 HP. New design allows to use DXD RC II coulters, which precisely place the seed into the seedbed. Pneusej Venga is designed to increase areal efficiency while minimizing power requirements.

Pneusej Venga – reduces inputs, increases yield.



Trailed and Mounted version

Modular system allows production of this machine in trailed or mounted version. Integrated hydraulic axle carries the entire machine weight, which reduces tractor power requirements. Axle is placed in front of coulters, which provides better stability and control, and seeding from the edge of a field.



Hopper

The seed hopper with capacity of 1,800 liters minimizes downtime. Great accessibility makes filling and cleaning easy.



Dosing unit

Centrally located ACCORD dosing unit allows to accurately adjust seed rate. Good accessibility ensures easy setup and calibration. Dosing unit drive is handled by an automatic switching system based on the position of the axle. Pneusej Venga can be equipped with electronic drive of dosing unit.

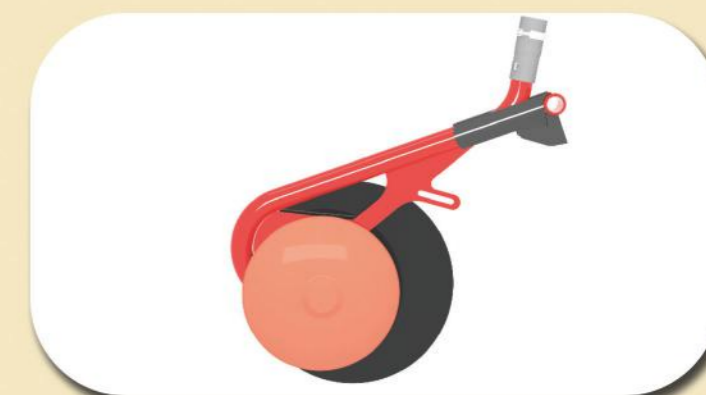
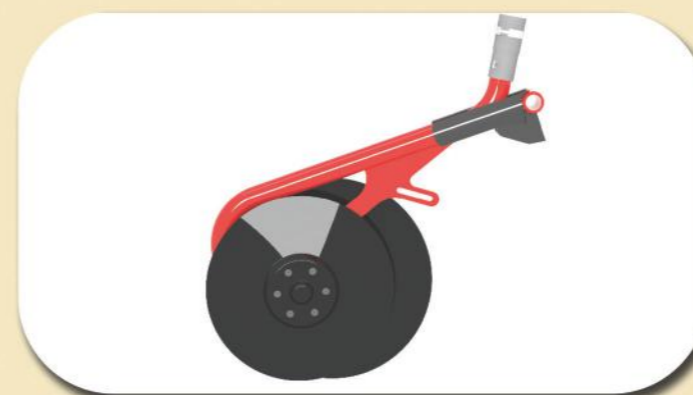


Operator comfort

Centrally adjustable coulters pressure, simple seed rate adjustment, convenient access to the hopper – now only these things make Pneusej Venga a unique machine. Farmers will also appreciate design of the disc markers, which allows passing under the trees and other obstacles.

DXD RC II coulters

DXD RC II coulters are the successor of years proven coulters. DXD RC II coulters are designed by using the latest technologies and with the study of coulters behavior in soil – in real conditions. New mounting led to unification of coulters length, which resulted in equal pressure on each disc. Bigger pressing wheel reduces rolling resistance, prevents delving, and along with increased coulters pressure helps to maintain precise seed depth. The design of DXD RC II not only allows to easier penetrate the soil, but also precise seed placement into the seedbed. For coulters DXD RC II Pneusej offers two types of scraper discs – plastic or metal.



Precise seed placement

Innovative design of DXD RC II allows to precisely placed the seed directly into the seedbed. New design reduces soil resistance and improve disc penetration to soil. Disc offset causes a self-cleaning effect. Reduced distance between the discs and also reduced angle of the discs creates perfect narrow furrow for placing the seed. Precise seed placement accelerates seed germination and increases uniformity in crop emergence.

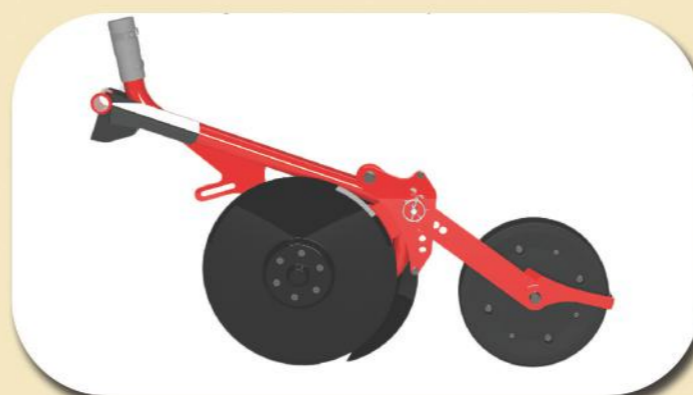


Equal coulters length

Unified length of coulters eliminates differences in coulters pressure. Coulters are specially mounted directly on a frame with an offset. This guarantees maximum throughput even with large amount of crop residue.

Centrally adjustable pressure

Easy coulters pressure adjustment allows stepless pressure change for current conditions. Pressure spring is located in the axis of coulters. Downforce of DXD RC II coulters is adjustable up to 500 N.



Pressing wheel

Pressing wheel helps to support sowing coulters in all conditions and takes care of keeping precise depth of sowing. Bigger diameter and width of the wheel prevent delving into the soil. Rubber surface together with a scraper minimize soil adhesion in wet conditions. Pressing wheel compacts the soil surface and increases the contact area with the seeds.