

CHERVONETS

SEEDBED CULTIVATOR





CHERVONETS

DESIGNED FOR PERFECT SEEDBED PREPARATION



TRADITIONAL
and ORGANIC



The first task met by agrarians on the way to receiving a high yield is seedbed preparation.

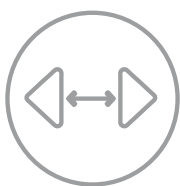
Especially effective seedbed preparation is performed by implements, simultaneously doing several tillage operations, weed control and leveling the surface. Such machines allow not only to reduce the time for these operations and increase productivity, but also, and it is very important, to reduce the number of tractor passes preventing the soil compaction.

Hardly any other implement can be such versatile.

The CHERVONETS allows to perform simultaneously:

- loosening the soil to a depth from 3 to 15 cm;
- incorporation of solid and liquid manure;
- second plowing and killing the weedage young crops;
- harrowing-out of the thread-like weeds;
- soil levelling.

The CHERVONETS seedbed cultivator creates a perfect seed bed: compacted layer, embedded with well-loosened soil on top. Being effective on small and large areas, the CHERVONETS is a multi-purpose and conventional implement for seedbed preparation.



8 m



min 150 hp



min 8,55 ha/h



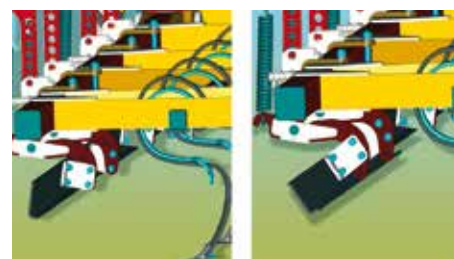
Perfect seedbed preparation

Four rows of S-shaped spring tines with different working tools provide perfect soil tilling with further pulverization.



Loosened wheel tracks

CHERVONETS is equipped with track looseners, which can be adjusted depending on track height and width.



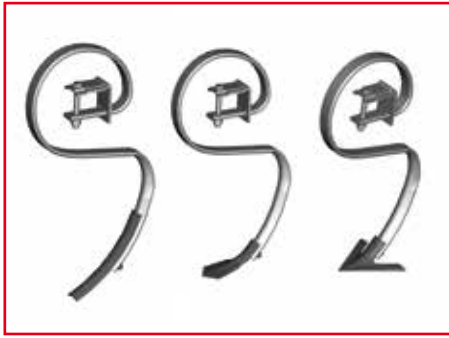
Perfect even surface

CHERVONETS has a spring-loaded multi-levelling bar for cost-effective levelling the soil in one pass.

On medium and heavy soils the spring-loaded multi-levelling bar is set backward, to "grip". This compensates any unevenness in one pass. Springs protect the bar from damage.

On light soil the bar is set forward, to "drag". Therefore, on level ground less soil piles in front of the bar, and the implement has a lower drag.





Working with different soil types

For working with different soil types the implement is supplied with three types of tools with working width from 35 mm to 150 mm.

Working tools:

- wing sweep;
- duck foot;
- reversible chisel point.



Effective work on hard soils

3D tine can be additionally springloaded for rougher operation conditions.



Simple folding to transport sition and vice versa transport position

Original folding system allows to fold the implement quickly for transportation without leaving the workplace.

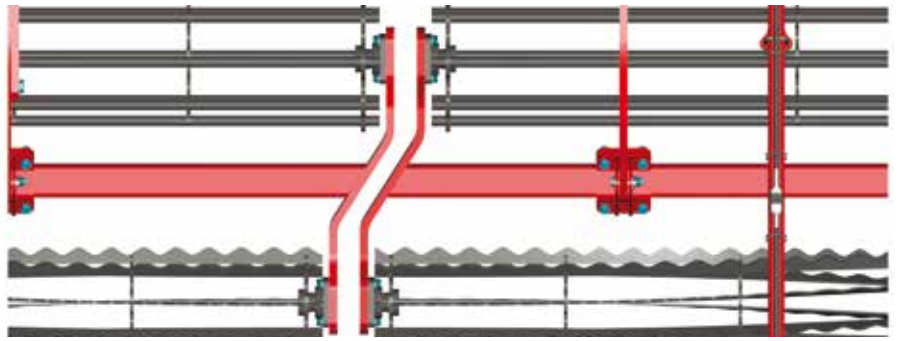
Control device folds sections for transportation and blocks them.





Blockage-free roller

The roller has no central axle, thus there is no roller blockage even in overwatered conditions.

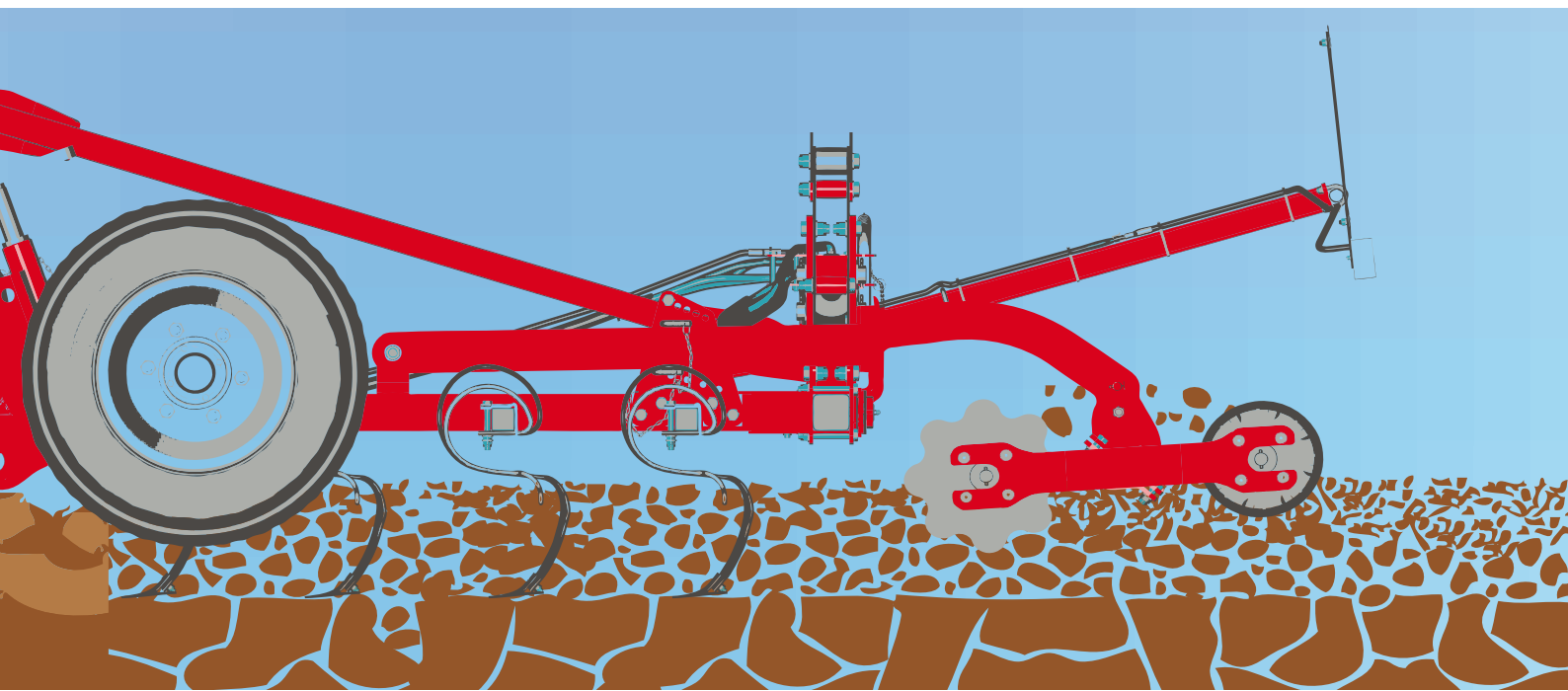


Rollers mating without gaps

Front and rear rollers have different diameters and rotation speeds, providing the finer soil fraction.

Doubled balance roller provides constant soil compacting with both rollers independently of ground contours. There are no gaps at the rollers joint.





S-shaped spring tine provides an optimal water-air regime. Elastic deformation of such tine leads to oscillatory movement of shares in the soil, which vibrate both in longitudinal and lateral directions, with minimum height movement.

This provides strict observance of the required depth, increases quality of soil crumbling, decreases draft force and leads to the prevention of working tool blocking with soil and plant residues. Spacing between working tools of

125 mm provides high quality of soil tillage along the whole working width.

TECHNICAL DATA

	CHERVONETS-8
Working width, m	8
Tractor power, hp	min. 150
Coupling with tractor	mounted / semi-trailed
Basic weight, kg	2673...3590
Number of tines, pcs	65
Operating depth, cm	3-15
Operating speed, km/h	10...15
Efficiency, ha/h	до 8,55
Fuel consumption, l/ha	3,5...5,0
Transport dimensions (length x width x height), mm	mounted – 3555x3020x4000 semi-trailed – 5345x3020x4000.