



Multipurpose pneumatic seeders / planters SPU-3M, SPU-4M and SPU-6M



Multipurpose pneumatic seeders / planters SPU-3M, SPU- 4M and SPU- 6M are designed to plant in rows grain (wheat, rye, barley, oats, corn), legumes (beans, bean, pea, lupine), vegetables (turnip, carrot, swede) as well as grass mixtures (canola, clover, cocksfoot, timothy, flax) in the tilled soil.

It is aggregated with tractors of minimal power of 60 kWt/80 hp.

Technical specifications:

	SPU-3M	SPU-4M	SPU-6M
Type	semi-mounted	semi-mounted	semi-mounted
Output per 1 hour of seeding time, hectare	to 3,6	to 4,8	to 7,2
Working speed at basic operations km/h	to 12	to 12	to 12
Hopper volume, dm ³	750	750	1600
Row spacing width of single-disk coulters and tip coulters, cm	12,5±0,5 6,2±0,5	12,5±0,5 6,2±0,5	12,5±0,5 6,2±0,5
Seed covering depth, cm	1-5	1-5	1-5
Dry constructional weight, kg	3500	715	1370

It is equipped with the automatic system of control and management of seeding that enables:

- to format a tramline (overlapping drill tubes and stopping delivery of seeds into coulters) for further cultivation by automatic and manual functioning electromagnetic valves.
- to control fan, sowing devices functioning, the seed level in the hopper;
- sound and light alarm to inform about the occurred malfunctions;
- to calculate the sowed area;

It is equipped by markers: along with the standard designed markers, the markers that provide down pressure by means of hydro-cylinders can be applied on firm soils that considerably improve quality and convenience of work.

The disk coulters are newly-designed and protected by the corresponding patent that enables to combine advantages of tip and disk coulters: decreasing working soil resistibility that minimizes fuel usage of traction mechanisms; format the seed bed with a firm bottom and non-showered edges at the required depth, to keep equal deposit depth of all seeds, to exclude sticking of plant residues, to ensure equal plant shoots especially on non-tilled soils due to the reversible cutter that considerably in 2 times extend coulters time of service to a full wear-out (to 3000 hectares).

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