

Mounted seed drills on power harrow



The mechanical mounted seed drills is a modern construction based on many years of experience and continuous development. Top seed drills are in typical widths of 2.5 m and 3.0 m enabling assembly with a power harrow. These are easy to use seed drills with traditional mechanical seeding system, with a simple, durable construction.

Mechanical seed drill mounted on a power harrow depending on soil conditions can be equipped with hoe coulters, single- or double disc coulters. Single- or double-disc coulters can be optionally equipped with copying wheels. The main task of copying wheels is to maintain proper seeding depth and soil compaction over the sown grain. Soil compaction results in better access to moisture especially on sandy soils, which is very important at spreading small-seed plants e.g. rape. This affects obtaining faster and more equal emergence of sown crops.

Connection of the seed drill with a power harrow is performed by a special bracket installed on the arm mounting the tillage roller of the power harrow.

Seed hopper with "V"-shaped bottom provides complete emptying of the seed. Drive of sowing units is performed by the drive wheel, chain transmission unit and the 60-position variable transmission.

The mounted seed drills is, as a standard, equipped with hydraulic track markers and a platform for easy loading the hopper. Power-operated tramlines can be the additional optional equipment of the seed drill. Moreover, this seed drill can be equipped with pre-emergence markers.

Technical specification

Symbol of machine	-	S109	S109/1
Work width	m	2,5	3,0
Number coulters	pcs	19	23
Row distance	mm	130	
Hopper volume	l	443	576
Machine weight (hoe coulters)	kg	450	540
Machine weight (single disc coulters)	kg	505	605

Machine weight (double disc coulters)	kg	580	670
Power demand with power harrow	kW / HP	100 / 136	120 / 163

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