

# SEMSF13

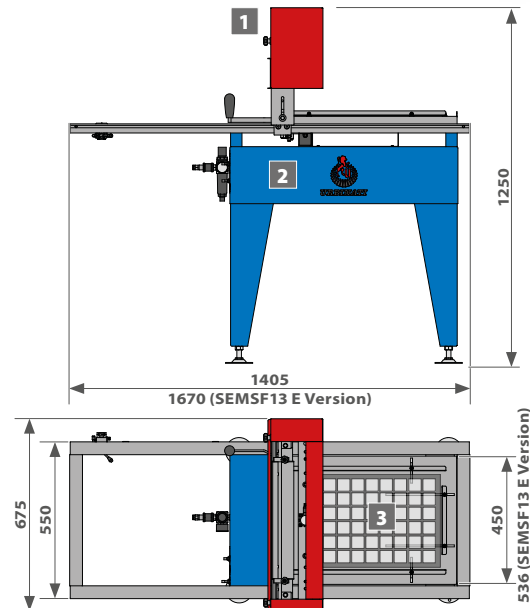
up to 1.700 rows/hour - ROW SEEDER



Video

# SEMSF13-T

TRANSVERSAL - up to 1.700 rows/hour



## MACHINES DESCRIPTION

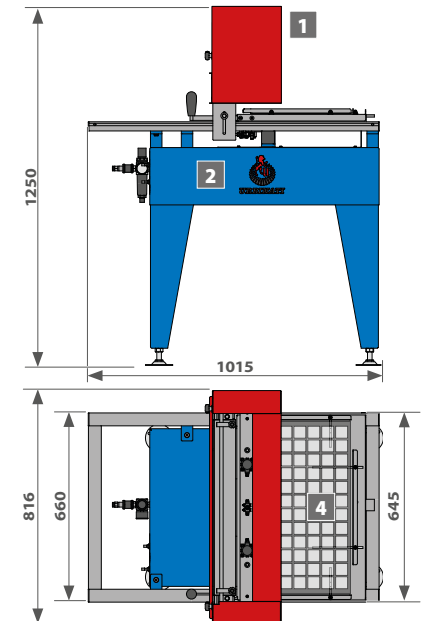
The SEMSF13 and SEMSF13-T seeders are pneumatically operated machines, suitable for any type of tray and represent an initial approach to the concept of automation of the greenhouse production process.

Similar to the SEMKAPPA65, the SEMSF13 models also represent an absolutely revolutionary production process compared to manual seeding, and are able to seed up to 1700 rows/hour which, in the case of 200-cells trays, translates into a production rate of 85 containers/hour.

Seeding is performed by a bar with nozzles which suctions the seed and deposits it in a precise and uniform way in the cells, row by row; in the same process, the hole is made in which the seed will be accurately inserted.

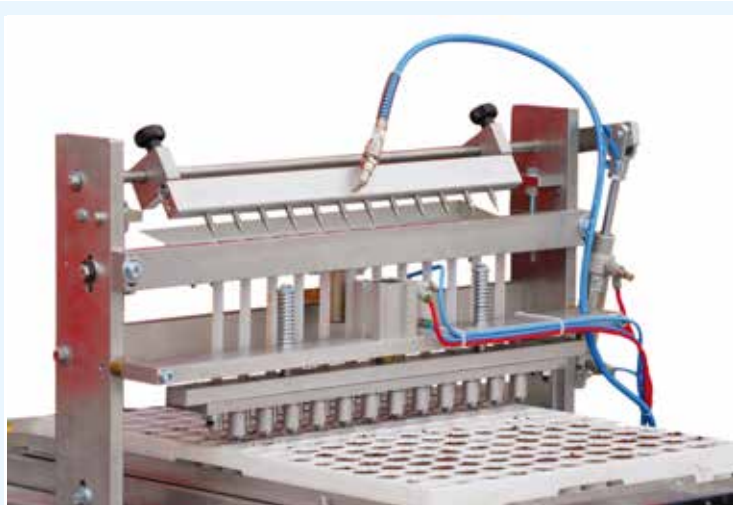
The SEMSF13 and SEMSF13-T are semi-automatic machines that operate with compressed air through a pneumatic system, working for single trays handled by the operator.

Excellent flexibility of use thanks to the easy seeding nozzle changeover, suitable for both small and large seeds.

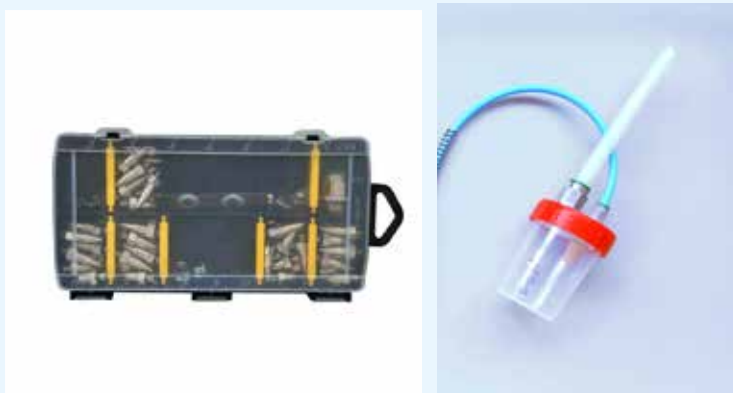


## TECHNICAL SPECIFICATIONS

- 1 Seeding head with nozzles and dibbler.
- 2 Movement of the seeding table with automatic step.
- 3 Longitudinal tray advancement.
- 4 Transversal tray advancement.



Seeding bar kit assembled on the seeder.



Nozzles kit, tools and remaining seed aspirator supplied with the machine.

## MAIN ACCESSORIES

- **Seeding bar kit** is supplied according to the seed and the trays to be used, and includes:

- 1 **Nozzle bar.**
- 2 **Tube descent bar.** Inner diameter available for the descent tubes: 6, 8, 12 or 17 mm.
- 3 **Dibbler bar.**
- 4 **Advancement bar.**



- 5 **Silicone nozzles**, with 1.0 mm or 1.5 mm hole diameter.
  - 6 **Nickel-plated brass nozzles** for multi-seed from 2 to 8 holes: the diameter varies according to the combination chosen (diam. of holes from 0.15 to 0.70 mm).
  - 7 **Single-hole nickel-plated brass nozzles**; available diam. 0,15 - 0,20 - 0,25 - 0,30 - 0,35 - 0,40 - 0,50 - 0,60 - 0,70 - 0,80 mm.
- **Upgraded vacuum pump** mod. Venturi System M20 (for SEMSF13-T).



TECHNICAL DATA	M.U.	SEMSF13	SEMSF13 E	SEMSF13-T
HOURLY PRODUCTION (max)	rows/hour	1700	1700	1700
TRAYS DIMENSIONS (max)	mm	600x400	750x500	400x600
TRAYS HEIGHT (max)	mm	150	150	150
VACUUM PUMP - Venturi System	model	M20	M20	M20
AIR CONSUMPTION (max)	l/min	190	190	190
SUPPLIED NOZZLE (single hole nickel-plated)	mm	diam. 0,20 - 0,30 - 0,40 - 0,50 - 0,60		
WEIGHT	kg	65	67	65

