

LABORATORY · SEED TREATMENT MACHINE

SeedT

Seed treatment machine



OVERVIEW

SeedT is a superficial seed coating (treatment) machine, designed to operate in laboratories or experimental stations on seed quantities ranging from 50 to 1000 g.

Its compact design makes it easy to integrate into automatic seed-processing setups, and the Ethernet connection lets it exchange information with service databases. A connection to an external suction system avoids the dispersion of dust or vapours into the surrounding environment during processing.

KEY DATA

50-1000 g

Sample load

0.25-2 dm³

Batch size

30 ml/min

Max dosage

LAN RJ45

Connectivity

HIGHLIGHTS

- ✓ The treatment-product dosage is adjusted automatically according to the weight of the seed.
- ✓ Drive-plate speed adjustable according to the amount of seed.
- ✓ Automatic start once the weight in the load bucket has stabilised.
- ✓ Automatic seed discharge at the end of the cycle.
- ✓ Connection to an external suction system: no dispersion of dust or vapours into the environment.
- ✓ Ethernet connection for easy data exchange with service databases.
- ✓ Compact design for easy integration into automatic seed-processing setups.

OPTIONS

- ✓ Customisable maximum machine height, from 1200 mm to 1450 mm (load-area height), on request.
- ✓ Single-phase 220V 1.5 kW power supply.
- ✓ Multiple-treatment version with up to 3 selectable pumps (also simultaneously).
- ✓ Wireless connectivity for real-time data exchange.
- ✓ Total suction hood, for insertion into seed processing lines.

TECHNICAL DATA

SeedT

Seed treatment machine

Power supply	400V AC 50 Hz
Max power consumption	1 kW
Sample load (min-max)	50-1000 g
Batch size	0.25 - 2 dm³
Air inlet	< 10 bar
Max dosage	30 ml/min
Max noise level (at 1 m)	75 dB
Air suction hole diameter	32 mm
Connectivity	LAN RJ45
Weight	115 kg

APPLICATIONS

For laboratory use and seed processing stations

Automata can develop and supply all the accessories and devices needed, to the customer's specifications, for the best use of the machine both in the laboratory and in seed processing stations.

Seed laboratories

Experimental stations

Seed processing lines