

LABORATORY · LABORATORY SHELLER

SP1500

Laboratory sheller



OVERVIEW

SP1500 is a laboratory sheller designed to reduce process timing and improve operator safety. It is designed to be operated by a single person, with a shelling rate of about 20 seconds per kilogram of seed.

Seed is moved by pneumatic conveying. Thanks to the vacuum system and the optimisation of seed transport, the treatment area stays clean and healthy for the operator.

KEY DATA

< 20 sec/kg

Shelling rate

Single operator

Designed for one person

10" TFT

Control-panel screen

Pneumatic

Seed conveying

HIGHLIGHTS

- ✓ Threshes cereals (wheat, barley, oat, sorghum, rice), legumes (beans, broad beans, chickpeas, lentils, peas), forage, oilseed and vegetable crops.
- ✓ Herbal use: separates the leaves from the stem of aromatic and medicinal plants (thyme, oregano, sage, mint, etc.).
- ✓ Machine design that makes feeding the sheller easier.
- ✓ Operated by a single user.
- ✓ Ergonomic hopper height (130 cm).
- ✓ Internal light for easy inspection and cleaning.
- ✓ Viewing screen to follow the seed flow at the bottom, maximising time and avoiding plot mixing.
- ✓ High productivity (less than 20 sec/kg of seed).
- ✓ Designed to offer maximum safety.
- ✓ Electronic drum speed control.
- ✓ Essential control panel with a 10" TFT screen.
- ✓ Vacuum system that keeps the treatment area clean and healthy for the operator.
- ✓ Easy to implement into a processing line.

OPTIONS

- ✓ Single-phase 220V 50 Hz 1.5 kW power supply.
- ✓ Corncobs belt conveyor.

TECHNICAL DATA

SP1500

Laboratory sheller

Power supply	400V 3-phase 50 Hz - 1.5 kW
Air pressure	6 bar
Height	1300 mm
Length	2000 mm
Width	1000 mm
Weight	250 kg
Shelling rate	< 20 sec/kg
Hopper height	130 cm
Control panel	10" TFT screen

APPLICATIONS

Ready to integrate into the seed processing line

A single-operator laboratory sheller with pneumatic seed conveying, designed to speed up processing while keeping the working area clean and safe, and easily integrated into a seed processing line.

Seed laboratories

Breeding and varietal research

Research and testing centres

Seed processing lines

GALLERY

