

Pneumatic presses are equipped with large sliding hatches that allow fast and easy filling and emptying of the press drum. The execution and dimensions of the hatch depend on the press type.

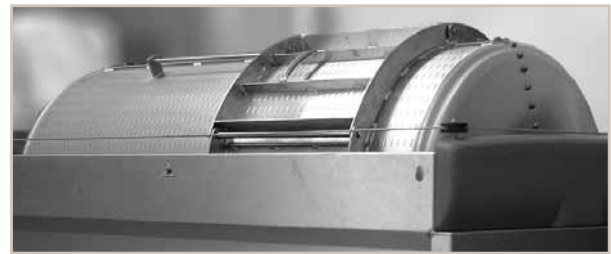
Basic hatch versions:

- ▶ sliding hatch (one or two leaves)
- ▶ hermetic hatch



Sliding hatch

Pneumatic press	Hatch opening	Execution
PS 5-8	345 x 425 mm	single (1 leaf)
PS 10-12	345 x 650 mm	double (2 leaves)
PS 16	345 x 900 mm	double (2 leaves)
PS 21-29	480 x 900 mm	double (2 leaves)
PS 42-55	495 x 900 mm	double (2 leaves)



perforated single sliding hatch (drum design PSP)

Sliding hatch - manual opening



perforated double sliding hatch (drum design PSP)



double sliding hatch (drum design PST)

Sliding hatch with pneumatic drive

The pneumatic drive can be installed on one or both hatch leaves and is controlled in manual operating mode of the press using the keys on the control panel. The pneumatic drive is particularly useful for large presses, as it makes closing and opening the hatch much easier.

The position of hatches is regulated by sensors on the pneumatic cylinder:

- ▶ basic version: two sensors (hatch closed – open)
- ▶ optional: three sensors (hatch closed – partially open - open)



perforated sliding hatch with pneumatic drive (drum design PSP)



sliding hatch with pneumatic drive (drum design PST)

Hermetic hatch

Hermetic hatches are optional for the presses with a closed drum design PST. The hermetic hatch combined with the plugging of drain channel outlets, allow leech maceration and its agitation by means of the press drum rotation.

Pneumatic press	Hatch opening	Execution
PST 21-29-42-55	485 x 600 mm	single (1 leaf)
PST 80-100-130-150	800 x 600 mm	single (1 leaf)



hermetic hatch (drum design PST)

Hermetic hatch - manual opening

The cover of the hatch is opened/closed manually. The state of the sealing tube is regulated using a valve on the outer edge of the hatch frame. The seal is inflated or deflated, according to the position the valve stopper.



hermetic hatch with manual opening (drum design PST)

Hermetic hatch with pneumatic drive

The pneumatic drive is particularly useful for large presses, as it makes closing and opening the hatch much easier. The movement of the hatch is controlled by two keys on the control panel.

The position of hatches is regulated by sensors on the pneumatic cylinder:

- basic version: two sensors (hatch closed – open)
- optional: three sensors (hatch closed – partially open - open)



hermetic hatch with pneumatic drive (drum design PST)