

TAPPI Sheet Former

acc. to TAPPI or SCAN
manual or pneumatic

Code: P.502.159.x

Usage

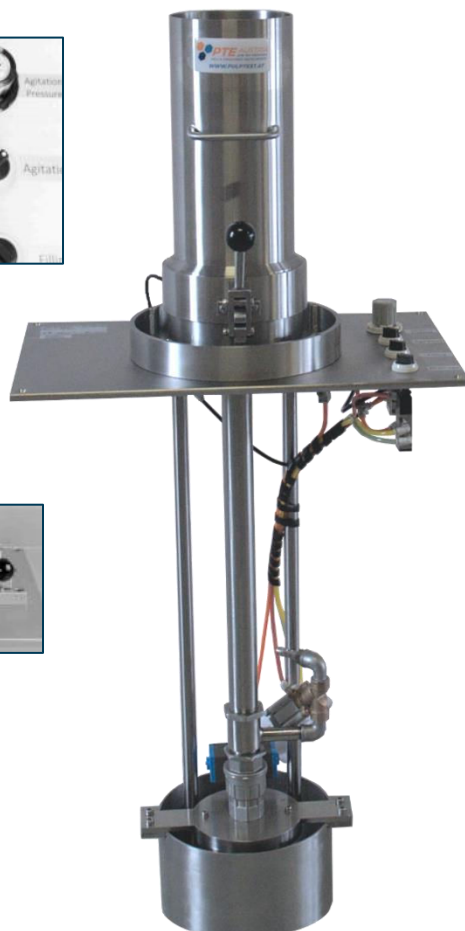
For the production of standardized laboratory sheets.

Applicable standards

- TAPPI T205
- ISO 5269/1
- SCAN C26

Pneumatic version

Manual version



Pneumatic couching device (optional)





Freshly formed hand sheet



Accessories

Device description

The Sheet Former is intended for installation into a laboratory bench (not included). The individual stages are carried out by operating two hand levers. Swirling is done with an agitator with perforated bottom plate and the couching is done with a 10 kg stainless steel roller (both included in the delivery). Additionally, ten mirror polished plates and drying rings are included in the delivery. All parts are made of corrosion resistant material.

Manual:

The individual stages are carried out by operating two hand levers. Swirling is done with an agitator.

Pneumatic:

The individual stages as well as the swirling are carried out by three pneumatic switches.

Process description

By opening the hand valve, the former column is half filled with water and the suspension, which has been prepared in the disintegrator and equalizer, is added. Then the former column is filled up until the mark is reached. The agitator is used to swirl the content of the column. Once the settling phase has ended, the second lever is moved to open the drainage valve and the water is drained through the forming screen. The freshly formed laboratory sheet remains on the screen. Then the former column can be opened and two plotting papers are placed on top of the wet laboratory sheet. The sheet is couched with the stainless steel roller and can then be removed carefully from the screen and further processed with the sheet press, the drying rings or the speed dryer.

Specifications

- top quality materials and manufacturing
- only corrosion resistant materials
- easy to operate
- gravitational dewatering
- manual agitation by means of the agitation stirrer or by pneumatic switch
- couching by rolling the 10 kg stainless steel couching roll over the sheet
- inclusive couching plates, drying plates, drying rings and blotting paper starter pack

Connections

- Water: tap water supply is required
- Drainage: Ø 50 mm drainage pipe

Additional for pneumatic version:

- Air: 600 – 800 kPa
(a Ø 6 mm air hose is included in the delivery)

Models

Code	Model
P.502.159.M	TAPPI manual version
P.502.159.P	TAPPI pneumatic version
P.502.159.P.PAG	TAPPI pneumatic version with pneumatic couching device