



SHEET FORMER ACC. TO TAPPI OR SCAN SEMIAUTOMATIC

For the semi-automatic production of standardised hand-sheets.



MOST IMPORTANT BENEFITS

- ✓ Pneumatic couching device
- ✓ Gravitation drainage, no vacuum needed
- ✓ Bench top made entirely of waterproofed polypropylene
- ✓ Semi-automatic sheet forming process
- ✓ Automatic control system: 4 fix, 21 free defineable programs

MODELS

ROUND FORMER COLUMN

- 159 mm diameter (TAPPI-standard)
- 215 mm diameter

SQUARE FORMER COLUMN

- 165 x 165 mm
- 250 x 250 mm up to 350 x 350 mm

PRODUCT DESCRIPTION

The warp resistant stainless steel frame creates a robust base for the work table. The forming column, the control panel, and the couching plate are mounted on the waterproof table surface. The sheet forming process is regulated by automatic sequence control. This includes four standard programmes and also 21 programs that can be defined as required. The inflow of water stops automatically as soon as the filling level is reached. Agitation and drainage is done automatically. Couching is done pneumatically with a rubber membrane.

TEST DESCRIPTION

The prepared suspension is taken from the equalizer (see page 14). When the start button is pressed the former column automatically fills with water. The suspension is then added. As soon as the unit is as full as required the water inflow stops automatically. The agitation starts and ends after the preset time has elapsed. The water is drained from the former column after the defined settling time, forming the hand sheet on the screen. The former column is opened, two blotters and the couching plate are laid on the hand sheet and then the couching unit is closed. The membrane is pressurised, causing the hand sheet to be pneumatically couched. The couching time is set via a timer. Once the time has elapsed, the sheet can be removed and is ready for pressing and drying.

TECHNICAL DATA

DEVICE/INSTRUMENT

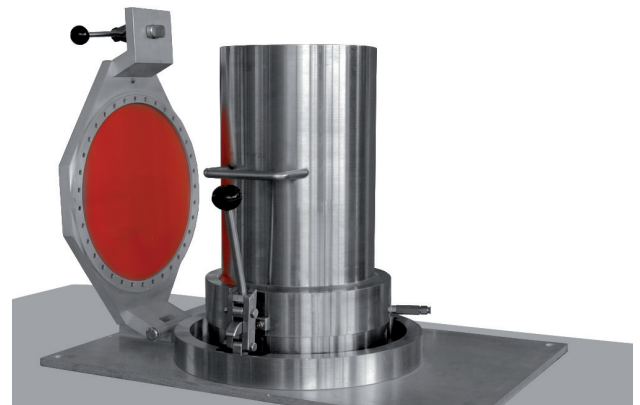
- Former column available in different sizes
- Automatic control system:
- 4 default programs
- Up to 21 free definable programs
- Change to manual control anytime
- Air pressure agitation
- Gravitation drainage, no vacuum needed
- Pneumatic couching device
- Included into delivery:
- 10 mirror-polished plates and drying rings
- Optional available: Blotters

INSTALLATION REQUIREMENTS

Electrical connection	230 V / 50 Hz
Water connection	Yes
Compressed air	4 – 6 bar

APPLICABLE STANDARDS

- DIN EN ISO 5269-1_2005
- TAPPI T205



Former column available in various shapes and sizes



Pneumatic couching device



Control panel, changeable to manual control anytime