



Pulp Tester

Sheet press

Acc. to TAPPI and SCAN

For the de-watering and pressing and hand-sheets produced on sheet formers acc. to TAPPI or SCAN.



Sheet press 100 mm travel

MODELS

MODEL 100

- 350 x 350 mm
- 4 air pressure cylinders
- Travel 100 mm

MODEL 200

- 350 x 350 mm
- 4 air pressure cylinder
- Travel 200 mm

MOST IMPORTANT BENEFITS:

- ✓ Robust construction made of stainless steel
- ✓ Security cover made of acrylic glass
- ✓ Prepressing and main pressing time separately adjustable
- ✓ Four big air cylinders for equal force distribution

 **FRANK-PTI**
QUALITY TESTING INSTRUMENTS

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PRODUCT DESCRIPTION

The sheet press consists of two parallel plates, which are pressed against each other by pneumatic cylinders. Two timers are located on the control module to set the first pressing and second pressing. A channel around the lower plate allows problem free drainage of the liquid pressed out to the rear of the device. Opening the acrylic glass cover activates a safety switch, which immediately stops the pressing process and secures against the unit starting again, to prevent injury.

TEST DESCRIPTION

The sheet press is used to press sheets that have been manufactured on a sheet machine according to TAPPI and SCAN. The sample (consisting of blotters and hand sheet) is covered with the mirror polished plates, stacked and laid in the sheet press. The first stage is a first pressing of five minutes. Then the mirror polished plates are removed, the hand sheets given new blotters and the second pressing is started. A pressure of 245 kPa is applied for two minutes. Then the paper stack is removed and the hand sheets are ready for drying (e.g. with a speed dryer or drying rings) and conditioning



S401400002 Sheet press with 200mm travel

TECHNICAL DATA

DEVICE / INSTRUMENT

- Frame made of stainless steel
- Security cover made of acrylic glass
- Prepressing and main pressing time separately adjustable
- 4 big air cylinders for equal force distribution
- Channel around the pressure plates allows easy and smooth water outflow

Applicable Standards

DIN EN ISO 5269-1
TAPPI T205

Connections

Power supply:	230V / 50Hz
Power consumption:	<40W
Water connection:	-
Drainage:	-
Compressed air:	4-6 bar (hose 8mm)

Dimensions

Version	L x H x W
S401400001	400 x 400 x 680 mm
S401400002	400 x 500 x 680 mm
Weight:	Net
S401400001	98 kg
S401400002	110 kg

ARTICLE / MODELS

S401400001	Sheet press pneumatic 350x350mm Travel 100mm
S401400002	Sheet press pneumatic 350x350mm Travel 200mm

Applicable Accessories:

S415231003	Couching plate Ø160mm for Tappi Ø 159 mm
S415231013	Drying ring plastic for Tappi Ø 159 mm
S415231027	Couching plate Ø 170mm for Tappi Ø 159mm
S415231001	Blotting paper 200x200mm 1 pack a 200sheets for TAPPI sheet former Ø 159 mm
S415231014	Blotting paper 260x260mm 1 pack a 200sheets for TAPPI sheet former Ø 159 mm