



# SHEET PRESS ACC. TO TAPPI AND SCAN

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



System FRANK-PTI with 100 mm deviation

## MOST IMPORTANT BENEFITS

- ✓ Robust construction 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

## 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 (see pages 26–29). 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, see page 32, or drying rings) and conditioning.

## 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

### INSTALLATION REQUIREMENTS

Electrical connection	230 V / 50 Hz
Water connection	No
Compressed air	4 – 6 kbar

### APPLICABLE STANDARDS

- DIN EN ISO 5269-1\_2005
- TAPPI T205

## MODELS

### MODEL 100

- Plate size: 350 x 350 mm
- Deviation: 100 mm
- 4 air pressure cylinders

### MODEL 200

- Plate size: 350 x 350 mm
- Deviation: 200 mm
- 4 air pressure cylinders



System FRANK-PTI with 200 mm deviation