

Canadian Paper Instruments Inc.

Specifications

Auto DYNAMIC SHEET FORMER (ADSF®)

ADSF produces large rectangular paper sheets with controlled fiber orientation, which are similar to the paper made on a commercial paper machine. Completely automatic operation of ADSF ensures superior quality and reproducibility of the test sheets, production of multi-layer sheets, white water collection and reuse.

SPECIFICATIONS

Wire speed during sheet making: 700 to 1900 m/min
Stock flow volume: 0.75 to 4.0 liters/min
Three 50-liter stock tanks, on-board
One 10-liter stock tank, attached to the machine
Computerized control with simple entry of operating parameters
Automatic collection and reuse of white water.
Electrical: 200 to 240 Volts ac, 15 Amps, 50/60Hz
Compressed air: 550 kPa (80 PSI)
Utility water and drainage.
Dimension: 125 cm x 150 cm x 85 cm
Weight: 580 kg

Pulp consistency: 0.1-3.0%
Sheet size: 250mm x 970mm
Sheet basis weight range: 10-1200 g/m²
Wet sheet dryness: 20%
CD/MD fiber orientation ratio: 0.2 to 0.9
Fiber retention: approx. 95%

CanPa® SHEET PRESS

The Sheet Press is a laboratory roller press for pressing wet sheets of paper produced on the Dynamic Sheet Former.

SPECIFICATIONS

Max sheet width: 300 mm
Speed of the paper feed: adjustable max 10 cm/sec
Electrical: 120 to 240 Volts ac, 3 Amps, 50/60 Hz
Compressed air: 550 kPa (80 PSI)
Dimension: 2.2 m x 600 mm x 450 mm

CanPa® DRUM SHEET DRYER

The Sheet Dryer is used to dry moist, pressed sheets of paper rapidly. A loop of wool felt carries the sheet along a rotating electrically heated drum. Selectable speed and temperature.

SPECIFICATIONS

Electrical: 240 Volts ac, 15 Amps, 50/60 Hz

Visit us on the web : www.CanPa.ca

or call us at +1 450 672-0045