

AU - 2005 D Hand Sheet Former (Semi - Automatic Sheet Former)

Automated Sheet Former: Model 2005 C With White Water Re-Circulation System, Pneumatic Sheet Press & Rapid Dryer mounted on base table complete with accessories.



The apparatus is equipped with central cabinet for automatic regulation of filling of water, air agitation settling, drainage. The couching pressure also be adjusted by pressure regulator & timer.

Fresh / tank water supplied through pneumatic control valves which shut off automatically after reached to correct level.

Stock is than added and agitated by air ring channel of the stock containers, settling and drainage action states automatically.

The new cycles start after completion of one with the help of Push Button. Provision provided for manual control of all parameters.

Suitable for producing sheet size: 160/165/200mm diameter.

SPECIFICATIONS

Standard Sheet Former with integral pneumatic couching, sheet pressing & drying.

Suitable for sheet formation of 165 mm diameter

Control cabinet for regulation of filling, air agitation, settling, drainage & Couching Complete with switch control box accessories to provide 600 KPA air supply to the sheet former and drainage system connection, water inlet supply may be set to fresh water and recirculation of water white water .

Shut off after filling air agitation of stock, settling of the stock immediately following automatic shut off of agitation, drainage commencing automatically at the end of settling cycles and signals when complete. On completion of pneumatic couching, controls reset for next cycle.

It is suitable for operation on 220-250 V 50 Hz AC.

AUTOMATIC SHEET PRESS

The press top made of duralumin for rigidity and lightness is secured by 4 rapid action clamping and release nuts.

Control panel houses two timers – one of 12 min and other of 6 min push button switches and pressure gauge.

Precision air pressure and air flow regulators are housed in the cabinet.

A fail – safe pressure relief valve is fitted to the air storage chamber, which functions automatically if the inlet supply pressure exceeds the maximum.

Press plattens are of stainless steel.

Centering template made of aluminum is supplied to adjust the location of sample sheets Multi-number samples can be placed simultaneously for pressing.

Working pressure 3.5 Kg/cm²

Pneumatics Type

Control Panel with 12 & 6 minutes timers.

Valve fitted to Air Storage Container.

RAPID DRYER

Rectangular Drying Plates.

Lower plate is lined with wire cloth to lead off the vapour during the drying process.

Provided with overheating protector.

Switch provided with indicator lamp.
Upper and lower drying plates are heated with flat electrical elements.

Temperature range	: Adjustable over a wide range, upto maximum of 180 °C ± 10 °C.
Heaters	: Flat Electrical Elements single phase, 220 V, 400 W each for upper and lower plate

The unit suitable for operation on 220-250 V 50 Hz AC.

OPTIONS

Square Punch for trimming sheets 200 cm²

Laboratory Blotting Paper

White Water Recirculation System

	Shipping Data	Ordering Data
	Net Weight	Model No.
	Gross weight	Voltage
	Dimension	Frequency

Changes:

UEC products undergo continuous development. The technical data in this catalogue are therefore subject to change.