



FABRIC LOOP STEAMER.



Features:

This machine is specially designed for small production requirements of Digital Inkjet Printers. It does not need any external steam supply and hence does not need any elaborate steam generator. In case if steam is available at site, it does have a provision for using external steam.

The Machine is suitable for fixing of dyestuff such as disperse, reactive, pigment etc. on variety of substrates like cotton, polyester, viscose, silk etc. by steaming of fabric for post treatment in Dyeing and Printing by

- Saturated Steaming • Super Heated Steaming • Hot air treatment

PLC based controls the parameters such as Temperature, Speed, etc. of the machine. These parameters can be stored in the memory for quick and easy recall.(optional)

Common Specifications

Temperature range

: 95 deg C to 104 deg C for saturated steaming,

OPTIONAL:

Maximum 185 deg C by super heated steaming with extra cost.

Maximum 185 deg C with hot air with extra cost.

Steam generation

: Internal electric heater & external steam option

Steam superheating

: By electrical heating

Electrical heating control for steam generation

: 3 levels of heating Power depending on the process

Control of the Steamer

: Through PID controller.

Heated Roof and entry slits to prevent moisture condensation

Variable frequency Drive for speed control.

Batching rollers at entry and exit.

Observation Window on the door.

Rollers : Teflon coated SS 316, all are driven.

Material of construction : SS 304, SS 316 and powder coated MS for structure

Electric supply : 415 V, 3 Phase, 50 Hz

MODEL TCS-	W.W MM	FABRIC CONTENT	PRODUCTION IN 20 HR WORKING		SATURATED STEAM ELECTRIC LOAD KW		SUPER HEATED STEAM ELECTRIC LOAD KW	
			6 MIN DWELL	30 MIN DWELL	ELE. HEATING	SUPER HEATING	ELE. HEATING	SUPER HEATING
600-600	600MM	3	600	120	6	2.5	7.5	6
1600-1200	1600MM	6	1200	240	10	4	13	10
1600-2400	1600MM	12	2400	480	20	7	24	18
1600-3000	1600MM	15	3000	600	20	7	24	18
1600-4800	1600MM	24	4800	960	30	9	30	20
1600-9600	1600MM	48	9600	1920	50	18	55	40
1900-1200	1900MM	6	1200	240	10	4	13	10
1900-2400	1900MM	12	2400	480	20	7	24	18
1900-4800	1900MM	24	4800	960	30	9	30	20
1900-9600	1900MM	48	9600	1920	50	18	55	40

COUNTINIOUS FABRIC STEAMER WORKING WIDTH 1600MM X 6 MTR FABRIC CONTENT.

Specifications:

Working width : 1600mm

Fabric speed : 0.2 mtr. To .6 mtr / minute.

Max fabric length in steamer	: 6 meter.
Qty processed	: 240 meters for 20 hour working for 30 min.dwell time 720 meters for 20 hour working for 10 min.dwell time.
Temperature	: 105 deg.
Steam	: Generated internally by electrical heating.
Steam super heating	: by electrical heating.
Options as additional cost.	A. steam super heating up to 130 degree. B. Hot air treatment at 130 degree.
Batching rollers and winding rollers at entry and exit.	
Variable frequency drive for speed control.	
Observation window on the door.	
Material of construction	: SS 304 AND SS 316 AND TABLE BY M.S.
Rollers	: All are driven and Teflon coated S.S 316.
Electrical load	: 15KW at 415v 3 phase, 50Hz.
Dimensions	: 2600mm depth x 1100mm width x 1500mm height.

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