

## **Jigger PD**

- Suitable for woven / fabric.
- Useful fabric width : 1200mm – 3200mm.
- Max. batch dia. : 1100mm (Others on request)
- Fabric speed adjustable from 11 to 110 mtrs/min, constant for the entire batch.
- Fabric tension adjustable from 10 to 60 Kgs, constant for the entire batch.
- The trough is built in stainless steel AISI 316 with liquor ratio 1:2.
- Doors with glass windows are pneumatically lifted.
- Fabric take off through winch/batch.
- Indirect heating through external heat exchanger. Maximum temp is 98°C.
- To prevent dripping of condensate, heating coils inside the hood.
- Dye liquor circulation is through pump.
- Shifting device (Optional).
- Automatic rocking device to avoid unbalancing of batches while machine is stopped.
- Dye liquor filter outside the machine with large filtering surface.
- Additional dosing tank with pump for dyeing.

## **Fabric Dryer PD**

- AISI 316 stainless steel for all parts in contact with liquor.
- Heavy duty cast stainless steel circulation pump ( low pressure high discharge) with mechanical seal to effect circulation and improve dye stuff fastness.
- PTFE sheet mounted inside to prevent and frictional damage.
- Frequently controlled AC drive for accurate speed variation of lifter reel.
- All critical bought outs from reputed manufacturers.
- Magnetic level indicator.
- High efficiency heat exchanger to ensure quick heating/cooling.
- High volume lint filter, particularly necessary in cotton and heavy GSM fabrics, for sampling process and indication of cycle time (option).

## **Technical Data**

- Maximum working temp 135°C
- Maximum working pressure 3.2 Bar.
- Heating Rate : Approx. 4°C/Min upto 90°C & 3°C /Min upto 135°C at steam pressure of 6 Bar.
- Cooling rate : Approx. 4°C/Min at water pressure of 4 Bar and 150°C.

## PLC Automatic Operator System

This system has the capacity to store around 200 dye programs of any length in the controller memory. The most commonly used machine settings are easily entered. The operator can select the required product by the simple push of a button.

Model HTHP	Numbers of Ropes	Capacity KGS (Nominal)	Power HP	Length MM	Width MM	Height MM
CS100	2	100	5	3000	2500	3000
CS250	2	250	7.5	4000	4000	3800
CS500	4	500	16	6000	4000	3800
CS750	6	750	26	7500	4000	3800
CS1000	8	1000	36	9000	4500	3800
CS1200	8	1200	40	9500	4500	4000
CS1500	10	1500	52.5	11000	4500	4000
CS1800	12	1800	65	12500	4500	4000
CS2100	14	2100	72	14000	4500	4000