



## **TCS SOFT OVER FLOW DYEING MACHINE**



**Truly we fulfill your wish**

## 1. INTRODUCTION: SOFT OVERFLOW DYEING MACHINE – SOF

We thank you for refer us to purchasing the soft overflow dyeing machine. The machine is ideal for synthetics, woolen, cellulose and their blends either in woven or knitted form. The machine is suitable for texturised spun and from light weight delicate fabric material to high gsm suiting fabrics.

Processing can be carried out in full width under atmospheric as well as high temperature and high pressure condition up to 145°C. Rate of heating, cooling and hold time is controlled automatically through microprocessor controller. Unlike jet dyeing machines where the cloth transportation was due to high speed jet nozzles, here a variable speed winch is provided for cloth transportation. This eliminates the distortion of fabric construction and the feel and the handle of the fabric is maintained. The nozzle is fixed oval shaped overflow type to accept any width fabric.

## 2. SPECIFICATION OF VARIOUS SOFT OVERFLOW DYEING MACHINES

SER. NO	SPECS.	1 KG	2 KG	5 KG	10 K G	15 K G	25 K G	50 K G	75 K G	100 K G	150 K G	200 K G	300 K G
1	LIQUOR RATIO#	1:20	1:15	1:10	1:8	1:8	1:8	1:7	1:7	1:6	1:6	1:6	1:6
2	WINCH SPEED MTR/MIN.	30	30	40	125	125	125	200	200	200	200	200	200
3	WINCH MOTOR	0.25 HP	0.25 HP	0.5 HP	1 HP	1 HP	1 HP	1 HP	2 HP	2 HP	2 HP	2 HP	2 HP
4	MAIN PUMP	1 HP	2 HP	2 HP	3 HP	3 HP	3 HP	5 HP	5 HP	5 HP	7.5 HP	10 HP	10 HP
5	MAX TEMP.°C	145	145	145	145	145	145	145	145	145	145	145	145
6	MAX.(KG) PRESSURE	4	4	4	4	4	4	4	4	4	4	4	4

# THE MATERIAL TO LIQUOR RATIO GIVEN ABOVE IS FOR THE FABRIC IN WET CONDITION. AND THE SAME IS FOR STEAM HEATING ONLY, FOR ELECTRICAL HEATING THE MLR WILL INCREASE.



## CONTROL PANELS



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