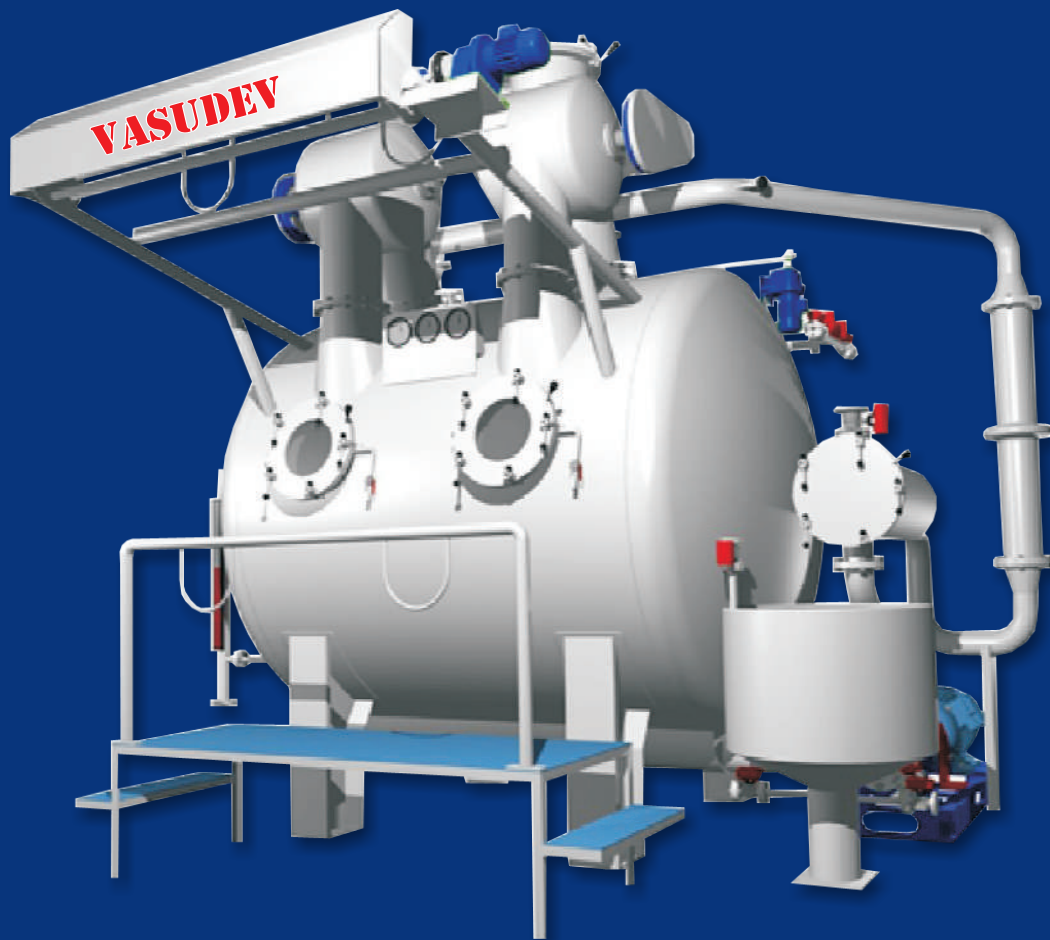


# H.T.H.P. Soft Flow Fabric Dyeing Machine



**VASUDEV ENGINEERING**

*Quality That's Deliver*

# H.T.H.P. Soft Flow Fabric Dyeing Machine

## GENERAL DESCRIPTION AND MAIN FEATURES

- Fabric Loading Capacity 100 Kgs up to 600 Kgs.
- Pressure vessel and all wet part of machine made of stainless steel AISI 316/316 L, highly corrosive resistance.
- Specially Designed the heat exchanger for quick heating and cooling.
- Liquor Ratio 1:5 to 1:7
- Newly developed high flow nozzle for light & heavy fabric.
- The fully folded Nozzle and Nozzle diameter up to 200 mm.
- High Fabric Speed up to 300 m / min.
- Dye - 30 to 400 Grams / Mtr. Sq. Fabric (Polyester, Polyester Blends, Woven & Knitted Fabrics)
- All spare easily available.
- Maximum working temperature 140°C
- Heavy duty low RPM pump which consume low power & high discharge of liquor
- Lifter reel driven by frequency inverter control motor, for fabric speed up to 200/300 meters, subject quality of material.
- Out finish high temperature colour
- Semi and fully automatic version



## TECHNICAL DATA

MODEL	UNIT	VEO-100	VEO-200	VEO-300	VEO-400	VEO-500	VEO-600
Fabric Loading Capacity	Kgs	100	200	300	400	500	600
Number of Tube	Tube	One	Two	Three	Four	Five	Six
Pressure Vessel Dia Meter	Dia	1800	1900	2100	2100	2100	2100
Liquor Ratio	Ratio	1:5 - 7	1:5 - 7	1:5 - 7	1:5 - 7	1:5 - 7	1:5 - 7
Fabric Speed	M / Min.	300-400	300-400	300-400	300-400	300-400	300-400
Maximum Temperature	°C	140	140	140	140	140	140
Steam Pressure Require	Kg / cm <sup>2</sup>	7	7	7	7	7	7
Water Pressure Require	Kg / cm <sup>2</sup>	2	2	2	2	2	2
Heating Time (Average 30-130°C)	Min.	25	25	35	40	45	50
Cooling Time (Average 130-85°C)	Min.	12	15	20	25	30	30
Main Pump Motor	Hp	7.5	12.5	15	25	30	30
Pilling Motor	Hp	0.5	0.5	2	2	3	3
Winch Motor	Hp	0.5	0.5	1	1	1	3
Inside Reel Motor	Hp	1	1	2	2	2	3
Total Power Consumption	Hp	9.5	14.5	20	30	36	39
Pump Size		80/200	80/200	100/200	125/300	125/300	125/300
Nozzle Size	Mm	95/105	95 / 105	95 / 105	95 / 105	95 / 105	95 / 105
No. of Nozzle	Nos	1	2	3	4	5	6
Dimention of Machine							
	Length	Mm	3500	4000	4000	4000	4000
	Width	Mm	2330	3110	3890	4670	5450
	Height	Mm	3200	3200	3200	3200	3200



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