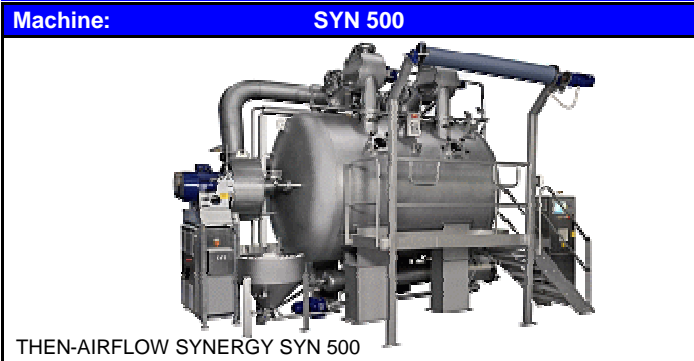




100% CO; Scouring, Reactive dyeing Drimarene HF, Navy, Isotherm 60°C with HT Drain Based on Clariant Recommendation



Machine data		81-CO-006
Number of ports		2
Number of chambers		2
Capacity / chamber	kgs	250
Liquor ratio pretreatment	1 :	4
Liquor ratio dyeing	1 :	4,00
Liquor refill ratio	1 :	0,38
Liquor direct rinse	ltrs/sec	3,3
Carry Over	1:	2,25
Blower	kW	45
Blower Setting		0,4
Main winch	kW	3,8
Saving factor with inverter		0,6
Main pump	kW	7,5
Additions pump	kW	1,5
Plaiting device	kW	0,75
Local Hot water supply system	°C	50
Cold Water Temp.	°C	28
Nozzle	DN	110
Nozzle pressure (spray)	bar	3,0
Speed	m/min.	300
Cycle time	min.	2,9

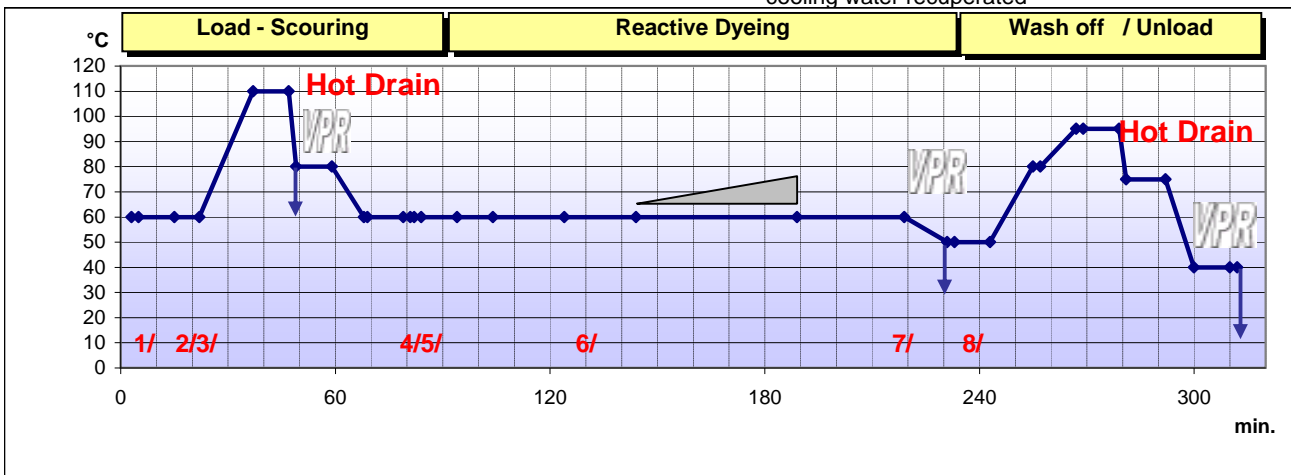
Fabric features	
Article	100% CO jersey
Process	reactive 60°C
Colour	Navy
gr/lm	285
gr/m²	190
Width cm	150
Tubular cm	99
Total capacity kg	500
Total meters	1754

Chemicals			
0,7% Imerol JSF liq.	[1]	3 ml/l Imacol C2G Liq.	[4]
0,5% Sirrix SB Lig.	[1]	60 g/l Glauber's salt	[4]
1 ml/l Tinoclarite GS	[1]	0,13% Drimaren Red CL-2R	[5]
3 ml/l NaOH 30%	[2]	0,36% Drimaren Deep Red HF-2	[5]
		2,5% Drimaren Navy HF-GN	[5]
2 ml/l Sirrix NE liq.	[3]	15 g/l Soda ash	[6]
		Acetic acid	[7]
		1.5 ml/l Ladiquest 1097N	[8]

Results		
Process time	min.	312
Machine steam	kgs	57
Hot water steam	kgs	1061
Cold water	ltrs	2594
Hot water	ltrs	17955
Water for cooling **	ltrs	0
Electricity	kWh	116

Consumption per kg fabric:		
Steam	kgs	2,24
Water	ltrs	41,10
Electricity	kWh	0,23
Compressed air	h.m³	0,07

** cooling water recuperated



The above mentioned process times and consumption figures may vary. They depend on local production conditions, dyehouse utilities as well as the auxiliaries and dyes applied.