



**Bleaching, Light Biowash w/o enzyme stop, Reactive dyeing; Extra Dark Shade with HT Drain**



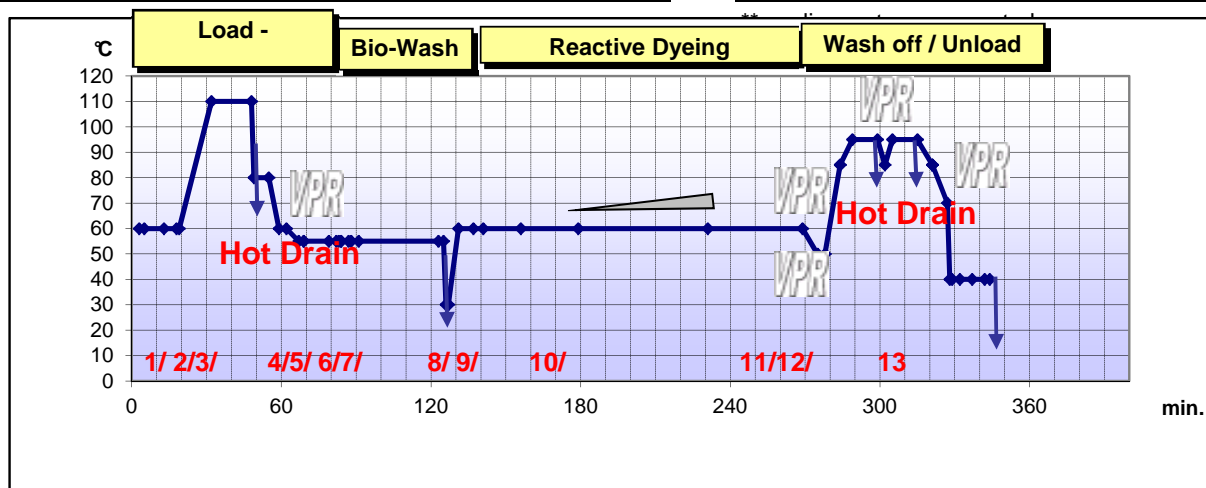
Machine data		81-CO-010
Number of ports		2
Number of chambers		2
Capacity / chamber	kgs	210
Liquor ratio	1 :	4,00
Liquor refill ratio	1 :	0,45
Liquor direct rinse	ltrs/sec	3,3
Blower	kW	45
Saving factor with inverter		0,38
Main winch	kW	3,8
Saving factor with inverter		0,6
Main pump	kW	7,5
Additions pump	kW	1,5
Plaiting device	kW	0,75
Local Hot water supply system	°C	60
Cold Water Temp.	°C	20
Nozzle	DN	110
Nozzle pressure (spray)	bar	3,0
Speed	m/min.	250
Cycle time	min.	2,6

Fabric features	
Article	100 % Co Jersey tubular
Process	Reactive Isotherm 60°C
Colour	extra dark red
gr/m	328,1
gr/m²	205
Width cm	160
Tubular cm	80
Total capacity kg	420
Total meters	1280

Chemicals			
1% Rucolin JES	[1]	0,4% Rucorit GUL	[8]
2% Ruco-flow AIO	[1]	0,5 ml/lit Verolan NBH	[8]
0,5 ml/lit Verolan NBH	[1]	65 g/lit Glaubersalt	[8]
4,5% H2O2 35%	[2]	4,2% Reafix Red F-GR	[9]
3% NaOH 50%	[3]	1,584% Everzol Red ED 3B	[9]
1,4% Acetic Acid 60%	[4]	0,223% Dri. Blue HF-RL	[9]
0,45% Bactosol SAP	[5]	3 g/lit Soda	[10]
1% Ruco-Acid ABS 200	[6]	2,6 g/lit NaOH 50%	[10]
1% Novazime DP conc.	[7]	1,3 ml/lit Acetic Acid	[11]
		2% Rucogen NLX	[12]
1% Rucogal RLC	[8]	1 ml/lit Acetic Acid	[13]
1% Rucolin JES	[8]		

Results		
Process time	min.	344
Machine steam	kgs	381
Hot water steam	kgs	850
Cold water	ltrs	3917
Hot water	ltrs	11272
Water for cooling **	ltrs	0
Electricity	kWh	125

Consumption per kg fabric:		
Steam	kgs	2,93
Water	ltrs	36,17
Electricity	kWh	0,30
Compressed air	Std.m³	0,09



(In practice, the times and consumptions can vary depending on the material, depth of colour and the installation.)