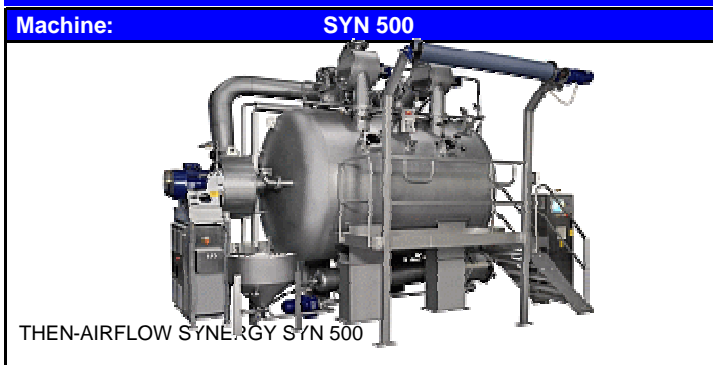




**100% CO; Short Scouring with Pectinase, Reactive dyeing, Black Isotherm 60°C, Softening without HT Drain**



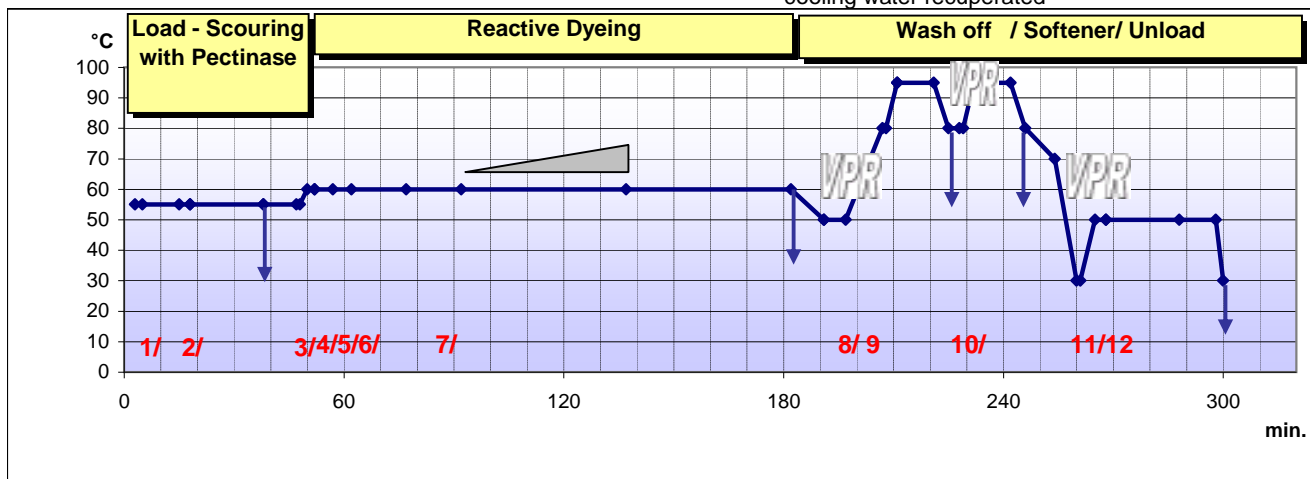
Machine data	81-CO-007
Number of ports	2
Number of chambers	2
Capacity / chamber	kgs 250
Liquor ratio pretreatment	1 : 4,00
Liquor ratio dyeing	1 : 4,00
Liquor refill ratio	1 : 0,38
Liquor direct rinse	ltrs/sec 3,8
Carry Over	1: 2,25
Blower	kW 45
Blower Setting	0,4
Main winch	kW 3,8
Saving factor with inverter	0,6
Main pump	kW 7,5
Additions pump	kW 1,5
Plaiting device	kW 0,75
Local Hot water supply system	°C 45
Cold Water Temp.	°C 28
Nozzle	DN 110
Nozzle pressure (spray)	bar 3,0
Speed	m/min. 300
Cycle time	min. 2,6

Fabric features	
Article	100% CO jersey
Process	Reactive 60°C
Colour	Black
gr/lm	315
gr/m <sup>2</sup>	180
Width cm	175
Total capacity kg	500
Total meters	1587

Chemicals			
0,5% Rucogen NOY (Wetting)	[1]	0,82% Jak Orange CE	[6]
1 g/l Rucolin ECM (Lubricant)	[1]	0,6% Jakofix Red ME4BL	[6]
0,5% Rucogen PTZ (Bleaching)	[1]	8% Jakazol Black JNN	[6]
0,12 g/l Soda	[2]	3 g/l Soda ash	[7]
		3,6 g/l Alkali	[7]
0,72 g/l Acetic Acid	[3]	1,3 g/l Acetic Acid	[8]
1 g/l Verolan NCB	[4]	0,5 g/l Setawash SB (Soaping Agent)	[9]
1 g/l Rucolin ECM (Lubricant)	[4]	0,5 g/l Setawash SB (Soaping Agent)	[10]
		0,5 g/l Acetic acid	[11]
75 g/l Salt	[5]	8% Setasil AK (Softener)	[12]

Results		
Process time	min.	300
Machine steam	kgs	48
Hot water steam	kgs	928
Cold water	ltrs	3962
Hot water	ltrs	18016
Water for cooling **	ltrs	0
Electricity	kWh	110
Consumption per kg fabric:		
Steam	kgs	1,95
Water	ltrs	43,96
Electricity	kWh	0,22
Compressed air	h.m <sup>3</sup>	0,07

\*\* cooling water recuperated



The above mentioned process times and consumption figures may vary. They depend on local production