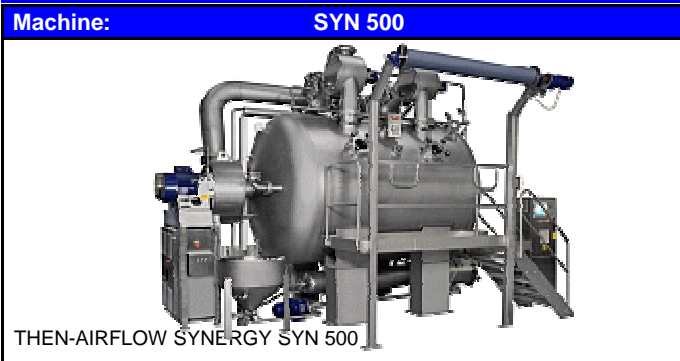




100% CO; DYSTAR-THEN AIRFLOW[®] SYN Bleach, Reactive dyeing Remazol ULTRA RGB, Dark Red



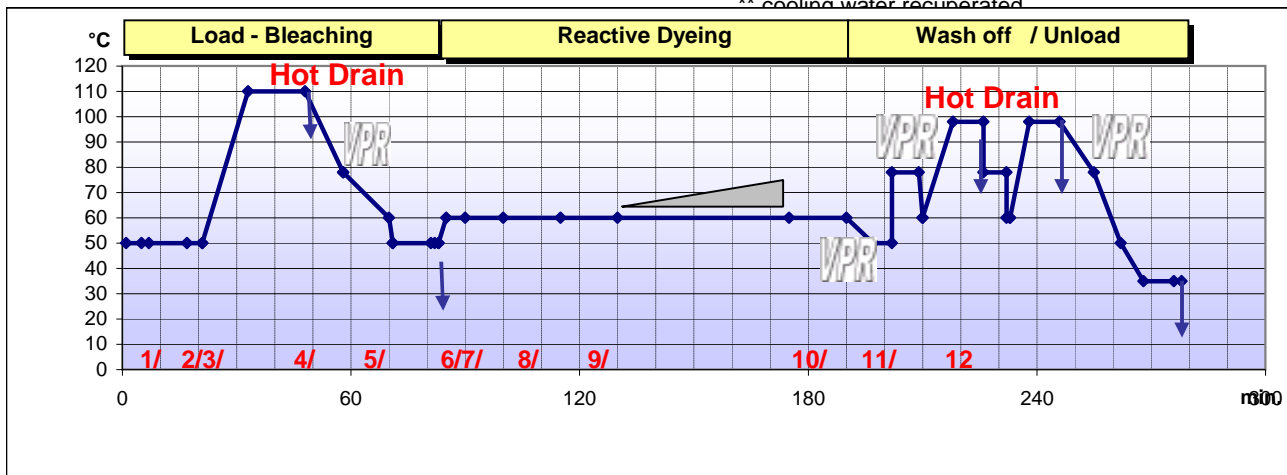
Machine data		81-CO-004
Number of ports		2
Number of chambers		2
Capacity / chamber	kgs	250
Liquor ratio pretreatment	1 :	3,5
Liquor ratio dyeing	1 :	3,80
Liquor refill ratio	1 :	0,38
Liquor direct rinse	ltrs/sec	3,3
Carry Over	1:	2,25
Blower	kW	45
Blower Setting		0,45
Main winch	kW	3,8
Saving factor 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.	250
Cycle time	min.	2,6

Fabric features	
Article	100% CO
Process	Remazol Ultra RGB Isotherm 60°C
Colour	dark shade (red)
gr/lm	386
gr/m ²	195
Width cm	198
Tubular cm	99
Total capacity kg	500
Total meters	1300

Chemicals			
1 % Lubricant	[1]	0.15 % Remazol Ultra Orange	[8]
2 % Stabilizer	[1]	1.80% Remazol Ultra Carmine RGB	[8]
4 % H2O2 50 %	[2]	0.15 % Remazol Blue RGB	[8]
1 % NaOH	[3]	8 g/l Soda calc.	[9]
0.25% Acetic Acid %98	[4]	1.2 g/l NaOH	[9]
0.4% H2O2 Killer	[5]	1.3 g/l Acetic Acid %98	[10]
1% Seq. Agent	[6]	2.0% Sera Fast C_RD (soap)	[11]
1 % Lubricant	[6]	1.0% Sera Fast C_RD (soap)	[12]
53.6 g/l Glaubersalt	[7]		

Results		
Process time	min.	278
Machine steam	kgs	129
Hot water steam	kgs	1269
Cold water	ltrs	3412
Hot water	ltrs	20655
Water for cooling **	ltrs	0
Electricity	kWh	113
Consumption per kg fabric:		
Steam	kgs	2,80
Water	ltrs	48,13
Electricity	kWh	0,23
Compressed air	h.m ³	0,06

** 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.