



MCS

DYEING & FINISHING MACHINERY

*Your ideal partner since 1963,
which means reliability, research and innovation.*

SILURO

BEAM DYEING MACHINE

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HT BEAM DYEING MACHINE

La máquina de tintura al ancho en plegador a alta temperatura es de uso común y extendido en el sector y la empresa MCS todavía lo ha hecho actual y fiable.

Propone un amplio programa de modelos en línea con las exigencias tecnológicas y productivas de nuestros días.

SILURO permite teñir artículos de tejido sintético, de 100% Pes y 100% PA, de calcetería rectilínea con Cachemira de AC/PA; o 100% PA pero también artículos de COT/PES, punta de PA 100%, calcetería elástica de PA/Licra etc....

The beam dyer for open width dyeing at high temperature is widely used in the textile industry. MCS can offer an up-dated and reliable machine in a wide range of models according to different technologic and production needs.

*A big variety of articles can be dyed in **SILURO** machine synthetic fabrics 100% PES and 100% PA, warp-knits such as cashmere AC/PA or 100% PA, COT/PES articles, 100% PA lace, PA/LYCRA elastic knits, etc.*

TECNICAL DATA

- Relación baño mínimo 1:5
- Plegador simple y/o doble de diferente diámetro
- Recipiente de expansión abierto (o cerrado presurizado)
- Calentamiento indirecto
- Control automático de la presión de la bomba
- Regulación completamente automática con PC industrial PCx-TEX, por Termoelectrónica
- Preparación con cocina colores centralizada
- Sistema de dosificación de álcali
- Sistema descarga baño rápido modelo MQD
- 2º depósito de adición de productos con mezclador
- Minimum liquor ratio 1:5
- Single and/or double beams of different diameter
- Expansion tank, open or pressurised
- Heating by steam, diathermic oil or overheated water, through an external heat-exchanger
- Pump pressure with automatic control inside/outside
- Micro touch-screen by Termoelectrónica model PCx-TEX
- Pre-arrangement for computerised dyestuff-kitchen
- Product dosing system.
- Drain by main pump, mod. MQD
- 2nd side tank for products, with pneumatic level probes and mixer



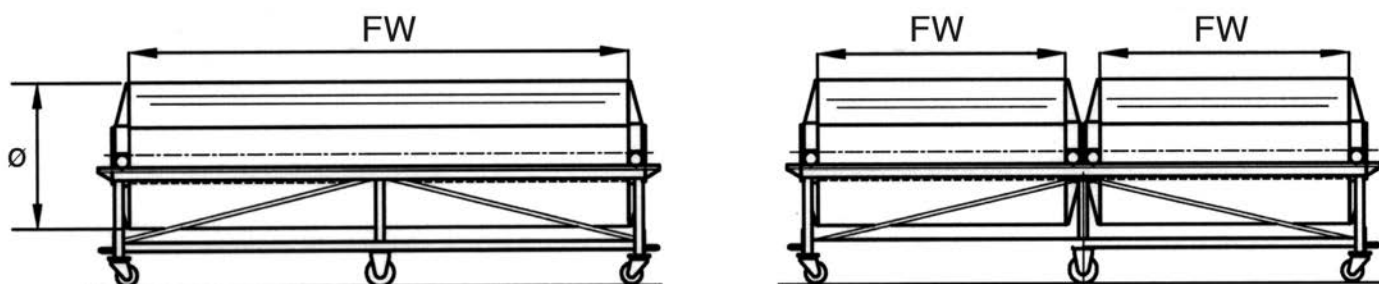
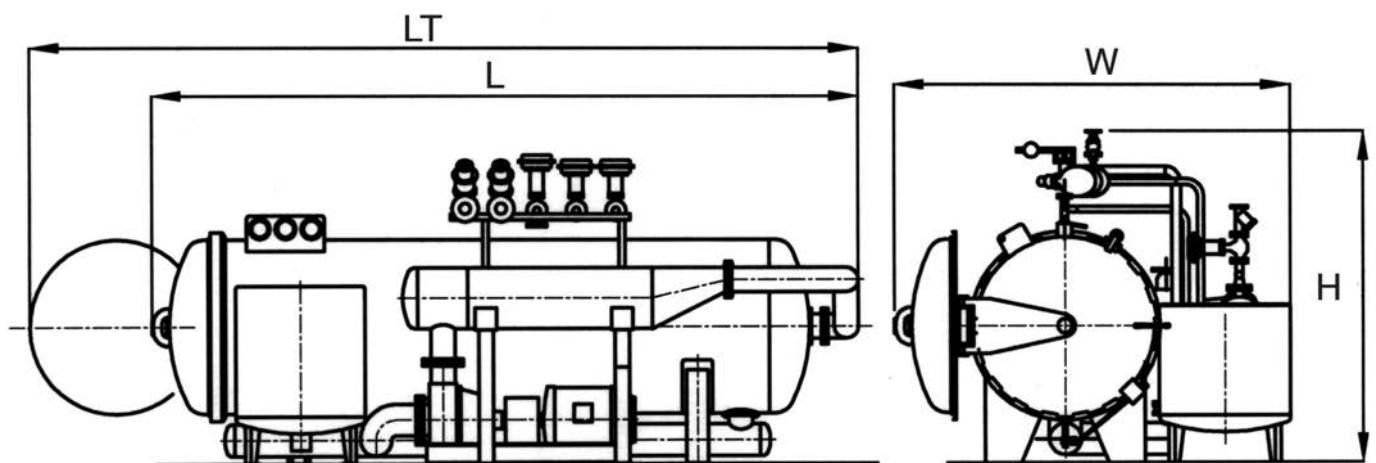
Add Tanks



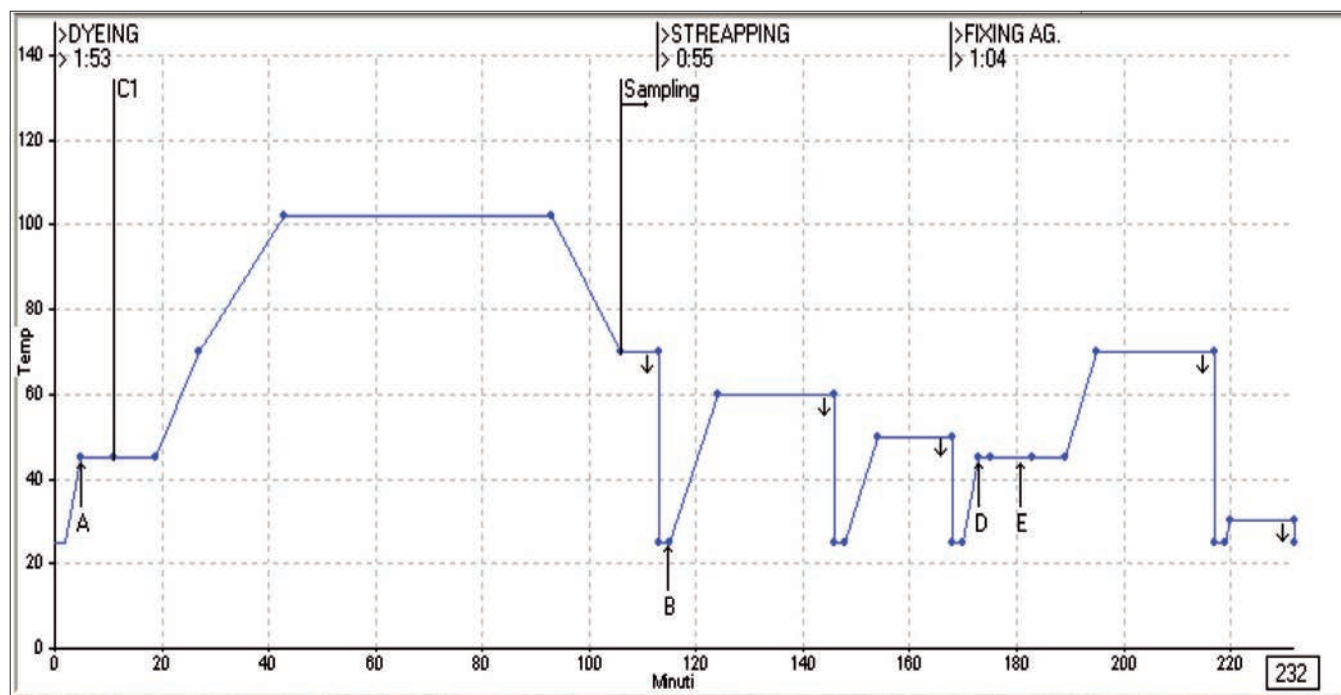
Big production machines

MODELS DATA

Beam Dyer HT 143°	AT 08/273	AT 09/650	AT 10/856	AT 11/1027	AT 12/1200	AT 13/1400	AT 14/1600
FW [mm]	1600; 1800; 2000; 2200; 3200; 4200	1600; 1800; 2000; 2200; 3200; 4200	1600; 1800; 2000; 2200; 3200; 4200	1600; 1800; 2000; 2200; 3200; 4200	1600; 1800; 2000; 2200; 3200; 4200	1600; 1800; 2000; 2200; 3200; 4200	1600; 1800; 2000; 2200; 3200; 4200
Beam \varnothing [mm]	200	530	740	910	1080	1280	1490
W [mm]	1200	1900	2200	2400	2750	3000	3500
H [mm]	1800	2000	2000	2000	2500	2500	2850
L [mm]	3000	3350	3550	3650	3900	4000	4100
LT [mm]	3300	3750	4100	4500	4700	4900	5200



DYEING REPORT



MCS reserve the right to change technical data and specifications without prior notice.

FABRIC FEATURES AT14-4200 (Double Beam)	
Article	KNITTED FABRIC
Composition	80% PA 20% LY
Colour	BLACK
Weight [gr/m]	280
Weight [gr/m ²]	180
Width [cm]	155
Lot [Kg]	1020
Lot [m]	3640
Preparation	Pre Setting
Finishing	Stenter
Remarks	=

MACHINE REGULATION AT14-4200 (Double Beam)	
Delivery regul. circul. pump	1050
Internal pressure [bar]	4,2
External pressure [bar]	3,1
Thickness [mm]	34
Beam diametre [mm]	600
Liquor ratio [l/Kg]	6,2
First filling [l]	6400
Next. fillings [l]	5100
DYESTUFF	
C	Acid Dyestuff

RESULTS	
Water consum. [l]	26800
Water per kg fabric [l/kg]	26,27
Steam consum. [Kgs]	2885
Steam fabric [Kgs/Kg]	2,82
Energy kg fabric [Kw/Kg]	0,105
Real time [1']	232
Program N.	00-362

AUXILIARES	
A	Levelling agent + Buffer
B	Sodium Hydrosulfite + Soda ASH
D	Acetic Acid
E	Fixing Ag.

Please take note that technical data may be changed by MCS spa to improve the quality of the offered product.

