



FABRICmaster

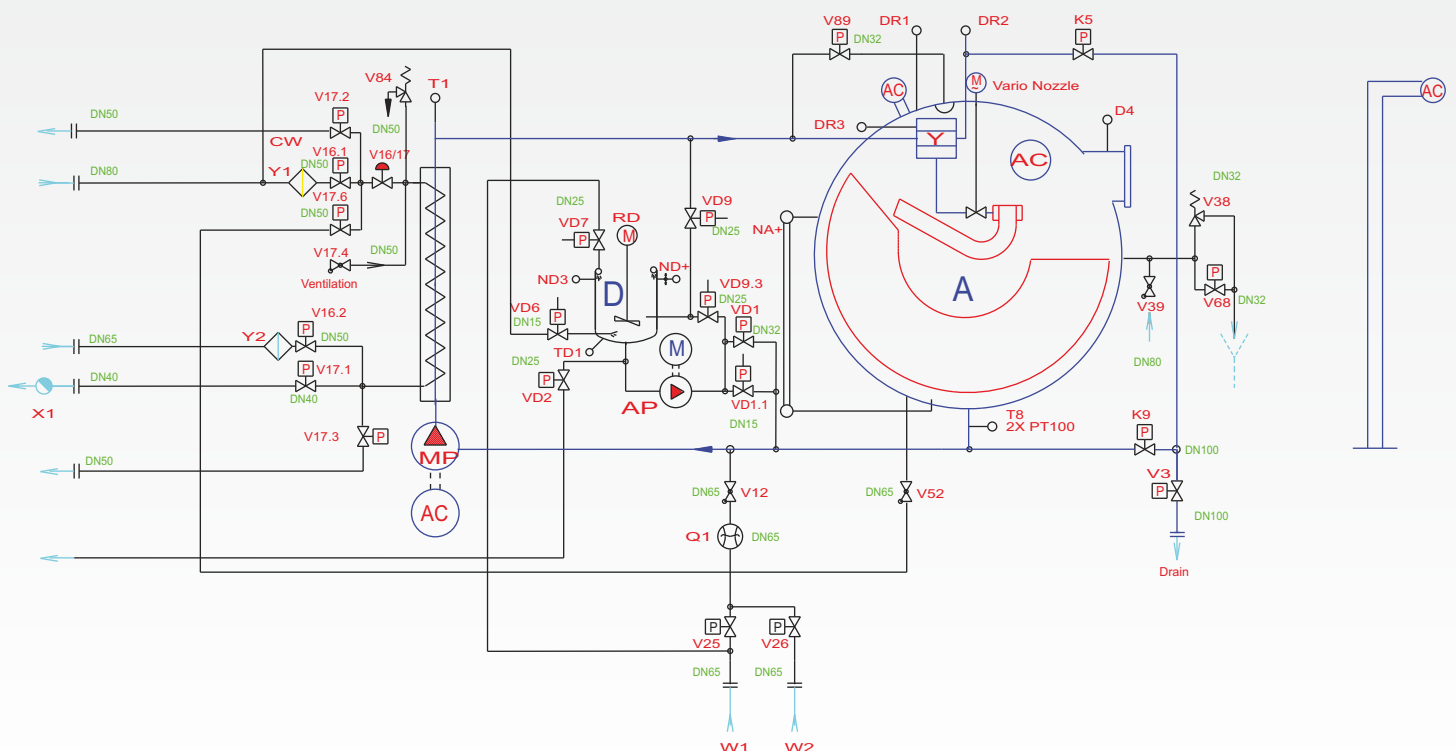
*discontinuous fabric dyeing machines
with the performance that beats everything seen before*



Unbeatable performance due to unique features

- Programmable nozzle for adjusting to fabric weight variations and programmable speed controlled internal fabric plaiter
- Self cleaning filter with automated monitoring of lint buildup
- Lowest liquor ratio of any water driven piece dyeing machine, through optimized chamber
- Fast unloading with frequency controlled unloading winch
- Programmable winch with digital speed indication
- Operator platform with stainless steel structure
- Fast heating gradients with high capacity heat exchanger
- Halogen lighting for the inside of the machine
- Programmable nozzle pressure through speed controlled pump and differential pressure control feedback loop
- Pre-fabricated connection piping system
- Automated add tank with dosing and mixing function
- Dosing pump

FABRICMASTER



No stretch, no edge curling

Customers have decided for FabricMaster due to the ability of the FabricMaster to dye difficult Lycra blends of Cotton, Rayon, Nylon and Modal fabrics in open width form without any rope marks or edge curling.

Economics

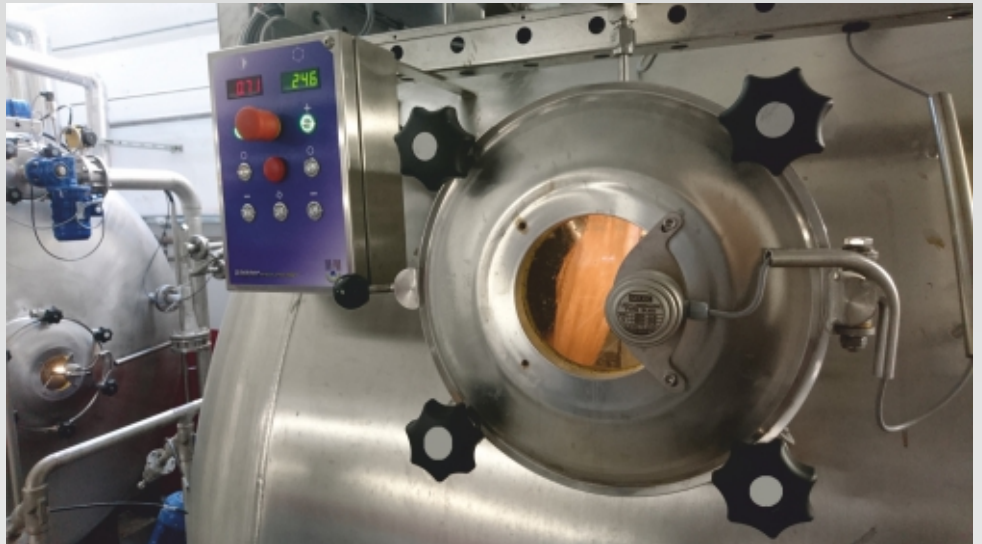
Extremely low energy consumption and lower liquor ratio than any other machine.

Low lift

Fabric lift from the chamber to the reel is less than half of the competitors' machines, which improves the fabric transport.

Operator friendly

FabricMaster is easy for the operator to learn and understand due to its simplicity. All operational elements such as reel, nozzle, chamber and plaiter can be viewed during operation even under high temperature. Loading can be done without loading tape.



Programmable Nozzle 'Smoothflow'

Fully automatic and programmable setting of nozzle gap. Lightweight fabrics can be processed with low liquor volume while heavy fabrics are treated with increased flow. Jet flow or soft flow can be programmed through setting of nozzle gap and pump speed.

Filter

100 % filtration with inbuilt self-cleaning filter.

Quality

FabricMaster uses first quality components and is made in Switzerland and Germany, with polished surface finish.

Process control

Dosing of chemicals with pre-dilution. Exact gradient control with stainless steel control valve and electropneumatic positioner. Filling with programmable flow meter and analogue level controls.



LAB-PRO GmbH
Dorfstrasse 19, CH-4806 Wikon/Switzerland

Tel.: +41 62 745 16 00
Fax: +41 62 745 16 01

info@lab-pro.ch
www.lab-pro.ch

