

Mathis

*SIZING MACHINE FOR 48 YARNS
Type FIOMAT-48-B*

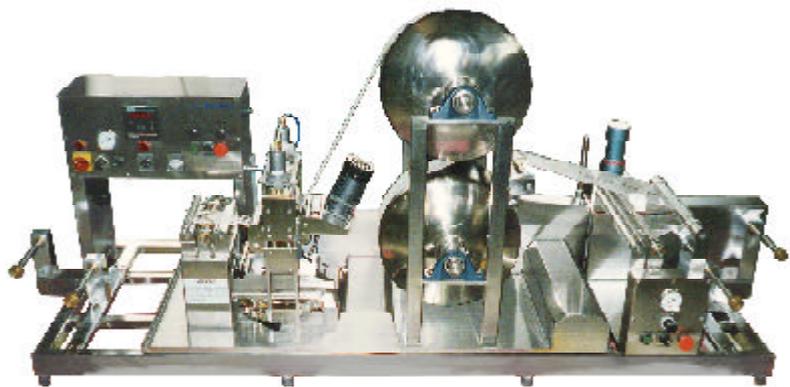
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*Sizing machine for up to 4 yarns with heated im-
pregnation trough.*

*All controllers for speed, trough temperature,
drying temperature, padder pressure and meter
counter on panel.*

*Two holders for warp rolls with up to 24 yarns
each at entrance, and two at exit.*

*Yarn take-up with reels. Yarn tension controlled
by means of compensator arm and guiding de-
vices.*

FIOMAT-48

Sizing machine to simulate production process on natural fiber yarns, as well as synthetic and mixed fiber yarns, for research and new development of products and processes.

Sizing can be made at room temperature, or heated electrically with temperature control located on control panel.

Mixer in immersion trough to keep size homogeneous. Trough with 1,2 liter capacity is removable for easy cleaning.

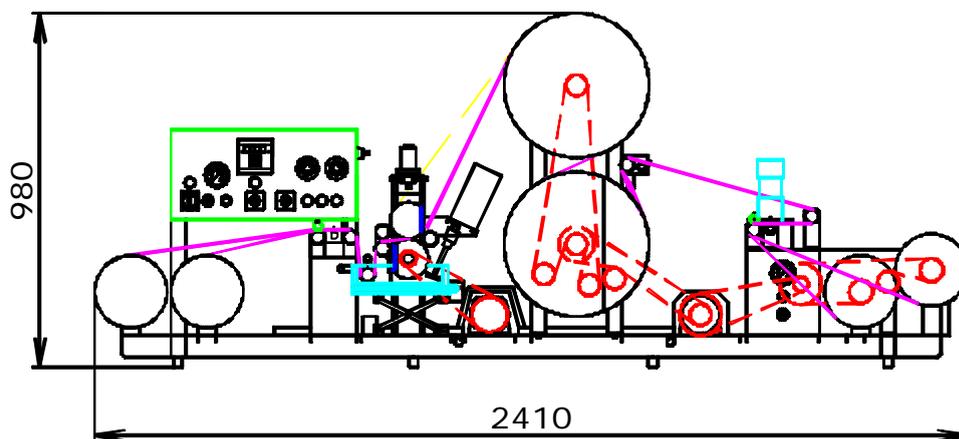
Pneumatic padder with pressure control and manometer on panel.

Four holders for warp rolls with up to 24 yarns each, two located at entrance, and two located at exit of the machine. Maximum yarn roll diameter is 200mm and 190mm height.

Sizing machine can also be used with yarn bobbins, by means of a creel to be installed at the entrance, and a warp roll at exit. (Creel to be provided by customer, or made by Mathis on special request). Number of yarns is limited by yarn separation and guiding devices (reed), which can be modified.

Speed up to 20m/min controlled by means of potentiometer on panel.

Two drying cylinders heated by steam, and covered by teflon to prevent yarns from sticking onto cylinder surface.



Other sizing machines on request.

Technical Data

Speed	0 - 20 m/min
Trough volume	1,2 liter
Trough temperature	up to 100°C
Drying cylinder temperature	up to 140°C
Padder pressure	0 - 5 bar
Padder roller hardness	45/50 & 65/70 Shore A
Dimensions	241cm x 98cm x 98cm



Aparelhos de Laboratório para Indústria Têxtil
Máquina de Tingir Fitas Estamparia e Coating
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