

High-speed warping machine

SMA400

for the warping of elastic and non-elastic
yarns on warp beams



SMA400

Extensive range of applications

The SMA400 is suitable for the warping of elastic and non-elastic, natural and manmade fibre yarns, as well as continuous filament yarns.

General characteristics

- Basic machine in a stable, vibration-free design
- Drive head and counter bearing for the spindle-free pick up of the sectional or warp beams
- Strong electromagnetic stop brake for short braking distance
- Lease insertion device
- Adjustable warp thread laying from 0 – 30 mm
- Accident protection bar
- Measuring device and metre counter with preset

The most important advantages

- Simple handling
- Low space requirement
- Flexible application
- Precision winding
- High operational safety
- Easy handling using simple operating buttons

Options

- Equalisation device for yarn tension: the yarn tension of the different creel ends is equalised by passing through a negative driven roller system equipped with a magnet brake for fast machine stops especially after yarn breakages.
- Warp beam for the pick up of two warp bobbins
- Holder for two adjacent expansion combs with independent adjustment
- Rope warping device for 1 or 2 bobbins



Control panel with length pre-selection

- Preliminary pre-tensioner for elastic yarns, positive driven
- Anti-static device with two integrated ionising bars
- Remote controller on both sides of the cone creel
- Cone creel for rigid yarn and positive driven creel for elastic yarn

Technical data

Max. warping speed for rigid yarns	500 m/min. (rope warping) 600 m/min. (direct warping)
Max. warping speed for elastic yarns	250 m/min. (direct warping)
Max. bobbin width	450 mm (Option: 600 mm)
Max. flange diameter	400 mm (no option possible)
Installed power	2.2 / 3.9 kW

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**Fascination of Ribbons and Narrow Fabrics
Innovation in Machinery**

Rep.:

Jakob Müller AG Frick
5070 Frick Switzerland
Tel +41 62 8655 111
Fax +41 62 8655 777
www.mueller-frick.com

