• Texturizing device for carpet yarn
• Possible single step process with MCD3 space-dyeing machine

New styles of frieze yarn for new styles of carpet

WIDE RANGE of FRIEZE EFFECTS
• Bulkier yarn for a better carpet coverage
• Adjustable frieze effect from light to strong
• Very even waves - Knit-deknit imitation
• More even crimp on the yarn gives a more even surface covering appearance on the carpet

HIGH PRODUCTIVITY
• No false twist device for an easy threading
• Up to 500Kgs/hour (with TVP3-15m)
• Anti-roll-up laser detection
• Better yarn density consistency on the conveyor belt thanks to the mixing drum

ELECTRONIC CONTROL
• New CP4 fully digital taking-up regulation
• Independent from external light fluctuations - micro controller based
• High level of reproducibility thanks to PLC control and unlimited number of textile recipes
LINE CONFIGURATION

• The MF400 friezing machine needs to be used in conjunction with a TVP3 heat-setting line (at the line entry).
• It can also be used at the output of a MCD3 space-dyeing machine (before TVP3 heat-setting), as one single step «dyeing-frieze-heat-setting» is now possible with the MF400.
• For a randomized frieze effect, please consider using the standard MF4 friezing machine with the false twist device, instead of the MF400.

PROCESS ADVANTAGES

• Delicate yarns can be processed (single end low twist and/or low DPF yarns)
• The MF400 is connected to the TVP3 heat-setting line to enable the control of the laying and pre-feeding speed (for yarn tension setting).
• SUPERVISION features are available by connecting the machine to SUPERBA Plant-Track_3 software package (such as recipes transfer, machine status, ...) - option -

CHARACTERISTICS & ENERGY CONSUMPTION

- 600 m/min
- 600 m/min
- up to 72 ends
- air pressure: 90 psi
- steam: 25 - 30 Kgs/h
- installed power: 9 KVA
- consumption: 3-5 KW/h

TECHNICAL INFORMATION

Production: Up to 10 Tons/day and more (depending on yarn count/number of ends, tunnel length)

Dimensions:
- LENGTH: 130 cms
- WIDTH: 102 cms
- HEIGHT: 150 cms
- WEIGHT: 600 Kgs

ERGONOMIC & EASY TO USE

• 6” colour touch-screen for easy process management
• Adjustment of frieze effect
• Textile recipes
• Monitoring of input yarn tension and speed
• Inverter control
• Easy trouble shooting with dedicated error page
We imagine, build and integrate innovative textile systems for flooring qualities, home linen, fashion fabrics and technical textiles.

Sharing inspiration and expertise with our customers worldwide, we shape the textile industry of the future.

Creating success for them all, from yarn to finished product.