

# Compact Continuous Fixation and Finishing Machines

MFR 2A 24, 3A 34, 3A 50

for elastic and non-elastic ribbons  
for light to medium-heavy ribbons



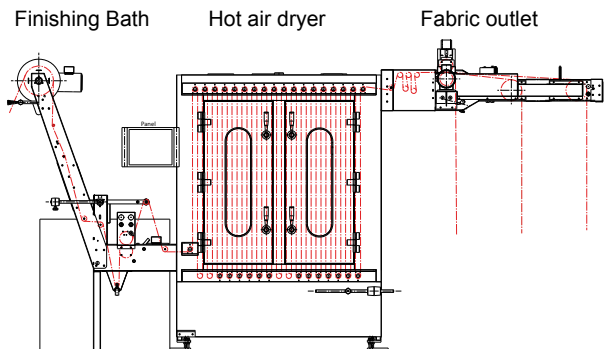
# MFR 2A, 3A

## Field of Application

- Continuous finishing and fixation of elastic and non-elastic ribbons
- Continuous pigment dyeing of ribbons

## Machine Types

- MFR 2A 24 for small production quantities
  - MFR 3A 34 for medium production quantities
  - MFR 3A 50 for large production quantities
- The finishing and fixation machines are different only with regard to their production capacity which is determined by the roller width and the ribbon content in the dryer.



MFR 3A

## Characteristics

- High user-friendliness and little space requirements by a compact design and comfortable accessibility
- High efficiency and efficiency rate due to its user-friendliness
- Little time needed for changing item
- energy-saving way of operation, for example by an efficient hot-air dryer in contrast to the conventional drying by cylinders
- The modular machine construction principle allows the efficient integration of customer-specific requirements
- The upper and lower deflecting rollers in the dryer allow a reciprocal ribbon drying from which results an optimal ribbon smoothing and lustre effect
- Parallel ribbon guidance and deflecting rollers adjustable to work on slip allow an easy control and optimal shrinkage of elastic ribbons

## Application-specific Options

- Deflecting rollers with double bearing in the dryer for heavy ribbons
- Increase of production capacity by additional infrared pre-dryer before the hot air dryer
- Electrically and gas driven heating in the hot air dryer

| Technical Data  | MFR 2A 24            | MFR 3A 34            | MFR 3A 50            |                    |
|---|----------------------|----------------------|----------------------|--------------------|
| roller width  | 180                  | 300                  | 300                  | mm                 |
| ribbon content hot air dryer  | 24                   | 34                   | 50                   | m                  |
| no. of ribbons (10mm wide)  | 8                    | 12                   | 12                   |                    |
| no. of ribbons (25mm wide)  | 4                    | 8                    | 8                    |                    |
| connected load /in operation approx.<br>electrical heating in the dryer<br>gas heating in the dryer | 22 / 15<br>4         | 28 / 18<br>4         | 35 / 23<br>5         | kW<br>kW           |
| compressed air<br>hot air temp. in the dryer<br>maximum speed                                       | 6<br>up to 210<br>20 | 6<br>up to 210<br>20 | 6<br>up to 210<br>30 | bar<br>°C<br>m/min |
| length x width x height   | 290x69 x220          | 320x82x220           | 430x82 x220          | cm                 |

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5070 Frick Switzerland

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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

