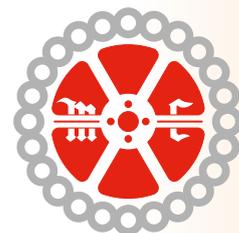




# HOME TEXTILE

Raising  
Velvet Line  
Shearing  
Sueding



**MARIO CROSTA**  
SINCE 1925

# RAISING

Single drum raising machines  
MC 10/24 - MC 10/30 - MC 10/36



**These machines are suitable for processing all types of woven fabrics made from natural or synthetic fibre.**

They are available with 24/30/36 raising rollers, with a ranging from 1800 to 3600 mm to better adapt to fabrics of any width.

Equipped with an automatic zero point setting device.

As optional, thanks to the special **Seam Jumper®** (Crosta's patent) device for the automatic jumping of seams, production rejections around seams are eliminated and seams do not need to be repeated.

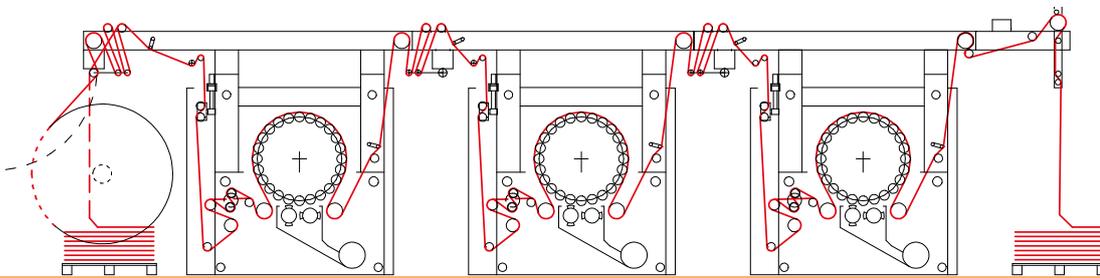
All raising parameters can be set both during machine standstill and while working.

## PLUS

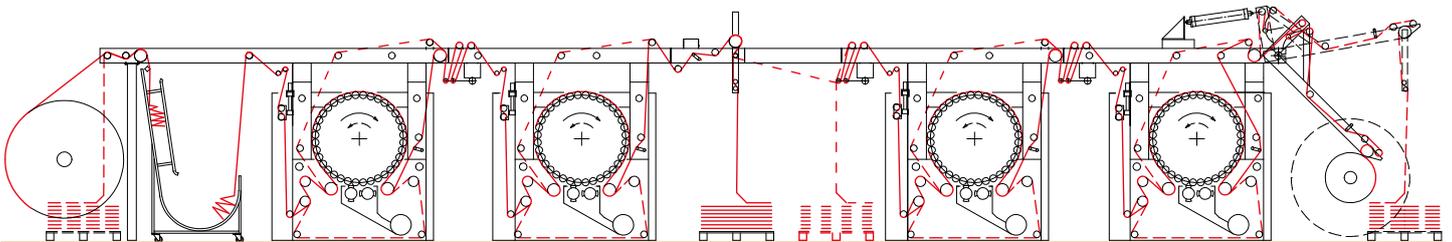
- » **Automatic control device** for cleaning brushes.
- » **Semi-automatic drawing-in** device.
- » **Pneumatic tension control** of raising cylinders driving belts.
- » Impulse running of each device with **independent driving system**.
- » **Working hours counter** for preventive maintenance control.
- » **Touch-screen display** to guide and assist the operator during each operation phase.
- » Programmer able to **record up to 400 work programs**.
- » **Driving system** with inverter-controlled three-phase motors with DC bus energy saving device.
- » An **air conditioner** installed on the upper section of the electric control box **keep the temperature constant** and **avoid the formation of condensate**, thus ensuring a long duration of all electric and electronic components.

## Technical data

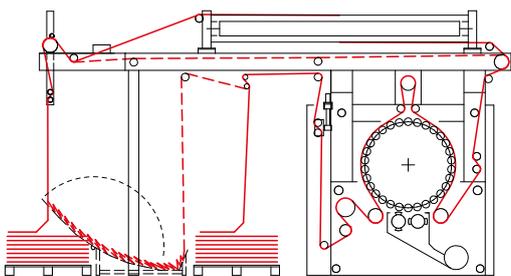
Installed power	<b>45 kW</b>
Effective energy consumption	<b>20 kW</b>
Compressed air min. pressure	<b>5 bar</b>
Adjustable production speed	<b>10-40 m/min</b>
Drum speed	<b>70-120 rpm</b>
Machine width	<b>1800-3600 mm</b>
Impact on the environment Compliant with all safety, EMC and noise European standards.	



MC 10/24 VELVET



MC 10/36 FLANNEL

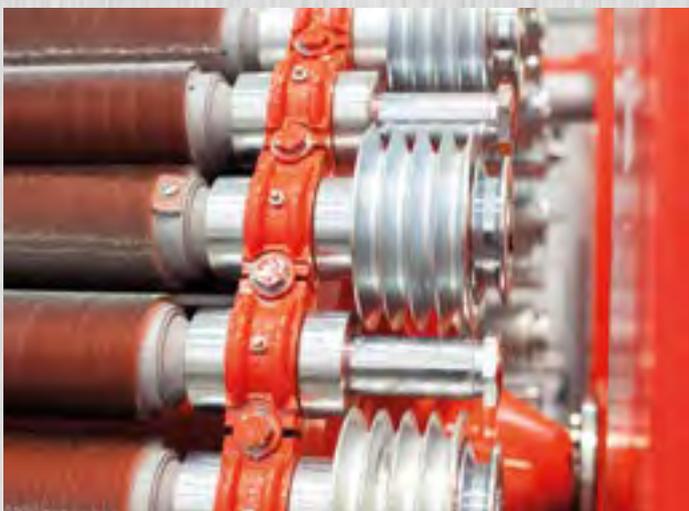


MC 10/30 BLANKET



# RAISING

## Double drum raising machines MC 20/36



**These double drum machines are suitable for processing all types of woven fabrics made from natural or synthetic fibre.**

The best configuration for obtaining the right pile density is 36 cylinders, with a ranging from 1800 to 3400 mm to better adapt to fabrics of any width.

Equipped with an automatic zero point setting device.

As optional, thanks to the special **Seam Jumper®** (Crosta's patent) device for the automatic jumping of seams, production rejections around seams are eliminated and seams do not need to be repeated. All raising parameters can be set both during machine standstill and while working.

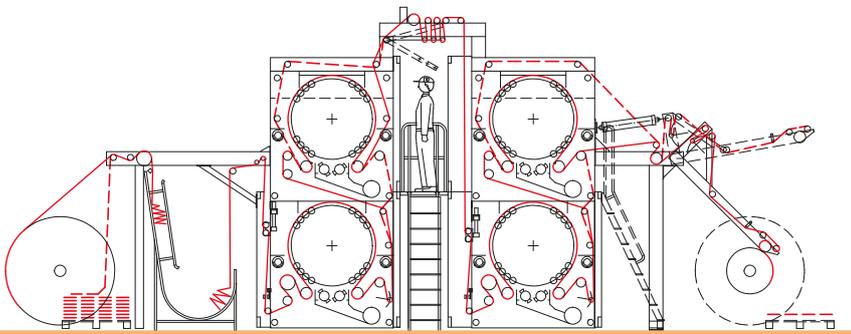
## PLUS

- » **Double ball bearing** system for each raising roller.
- » **Automatic control device**
- » Two drum **vertical geometry** for space optimization. for cleaning brushes.
- » **Semi-automatic drawing-in** device.
- » **Pneumatic tension control** of raising cylinders driving belts.
- » **Working hours counter** for preventive maintenance control.
- » **Touch-screen display** to guide and assist the operator during each operation phase.
- » **Driving system** with inverter-controlled three-phase motors and DC bus system.
- » An **air conditioner** installed on the upper section of the electric control box **keep the temperature constant** and **avoid the formation of condensate**, thus ensuring a long duration of all electric and electronic components.

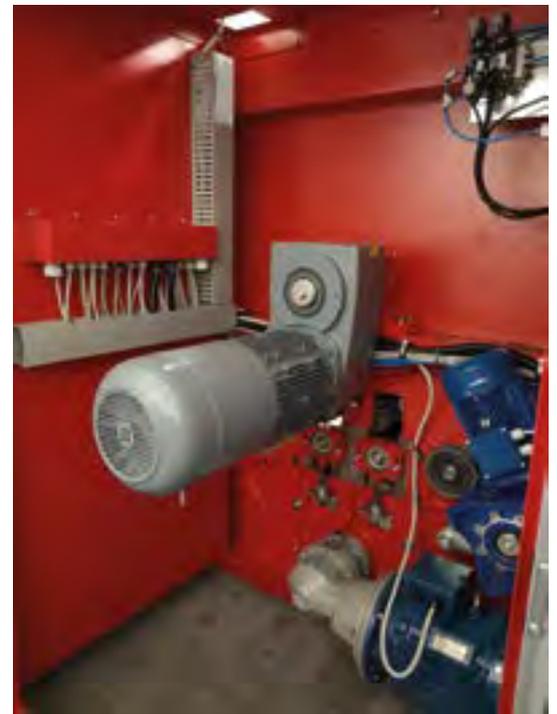
## Technical data

Installed power	<b>90 kW</b>
Effective energy consumption	<b>40 kW</b>
Compressed air min. pressure	<b>5 bar</b>
Adjustable production speed	<b>10-40 m/min</b>
Drum speed	<b>70-120 rpm</b>
Machine width	<b>1800-3600 mm</b>

Impact on the environment Compliant with all safety, EMC and noise European standards.



MC 20/36 IN LINE



# VELVET LINE

Tiger - Polishing - Shearing machine SPC/90

Pol Rotor machine MPR II - Thermal Tiger machine STP/3

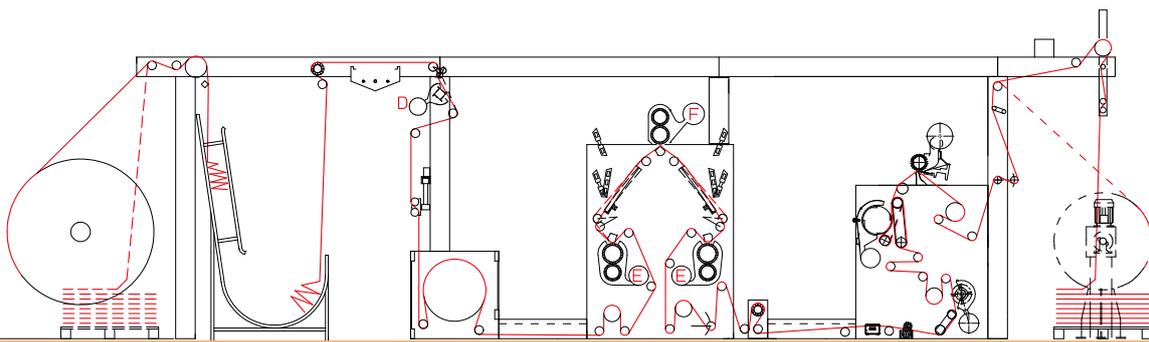


**All these machines are suitable for processing all types of woven and warpknit velvets.**

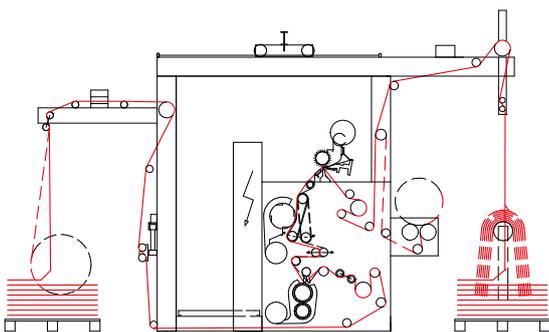
The special configurations come from the experience of our customers, that designed, together with the technical department of Mario Crosta, the best solution for each kind of production.

## PLUS

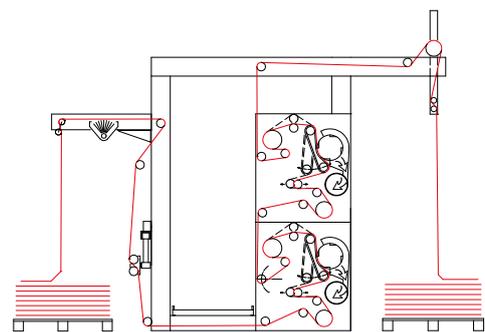
- » **Automatic device** to move fabric backwards every time the machine stops.
- » **Device for rapid detachment of the shearing cylinder** from its ledger blade.
- » **Hoist for easy and quick replacement of the shearing group** to ease maintenance interventions.
- » **Automatic seam jumping** through the special sensors provided for seams detection. This way, the machine will automatically reject the minimum fabric quantity astride of seams.
- » Impulse running of each device with **independent driving system**.
- » **Working hours counter** for preventive maintenance control.
- » **Touch-screen display** to guide and assist the operator during each operation phase.
- » Programmer able to record up to **400 work programs**.
- » **Driving system** with inverter-controlled three-phase motors, as well as independent impulse controls for each device, with DC bus energy saving system.
- » An **air conditioner** installed on the upper section of the electric control box **keep the temperature constant** and **avoid the formation of condensate**, thus ensuring a long duration of all electric and electronic components.



STP/3 + PC 90 in LINE



SPC/90

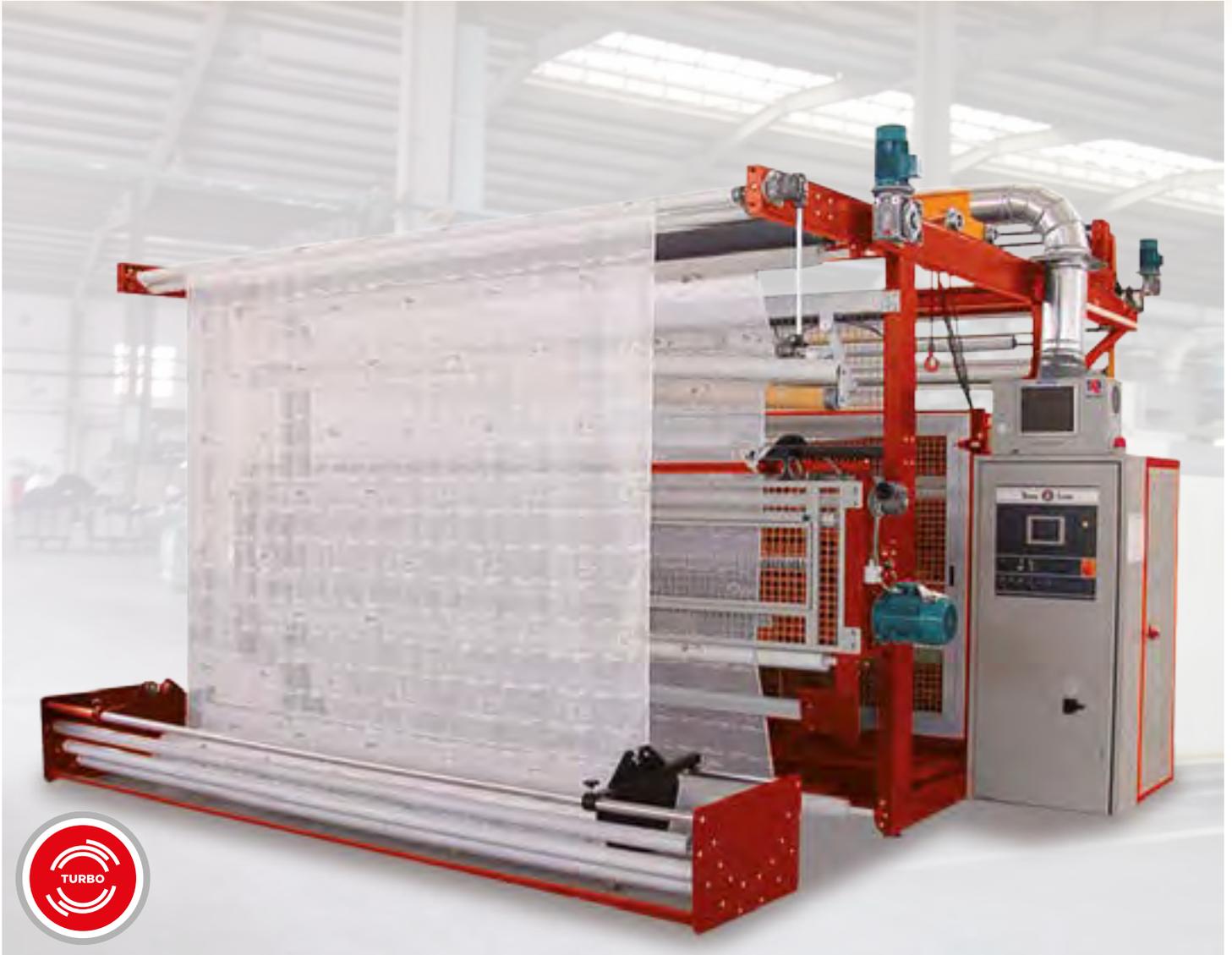


MPR II



# SHEARING

Shearing for Terry Towel TURBO TERRY  
Shearing for Fil Coupé TURBO FIL COUPÉ  
Shearing for Flannel TURBO FLANNEL



## Universal shearing machines for processing all types of fabric.

Available in different models, with different devices for adapting to different processing. Its ultimate release is represented by the **TURBO** system, a special cylinder and ledger blade anti-vibration system ensuring the absence of faults and a high production speed, also with particularly difficult fabrics, as well as a considerable reduction in sharpening operations compared with those machines not equipped with this system.

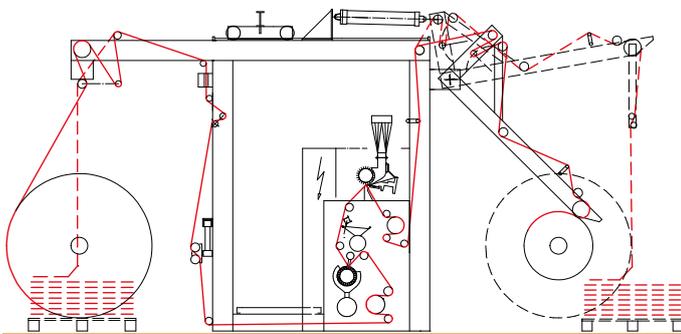
## PLUS

- » **Automatic device** to move fabric backwards every time the machine stops.
- » **Device for rapid detachment of the shearing cylinder** from its ledger blade.
- » **Hoist for easy and quick replacement of the shearing group** to ease maintenance interventions.
- » **Automatic seam jumping** through the special sensors provided for seams detection. This way, the machine will automatically reject the minimum fabric quantity astride of seams.
- » Impulse running of each device with **independent driving system**.
- » **Working hours counter** for preventive maintenance control.
- » **Touch-screen display** to guide and assist the operator during each operation phase.
- » Programmer able to **record up to 400 work programs**.
- » **Driving system** with inverter-controlled three-phase motors, as well as independent impulse controls for each device.
- » An **air conditioner** installed on the upper section of the electric control box **keep the temperature constant** and **avoid the formation of condensate**, thus ensuring a long duration of all electric and electronic components.
- » **Parameters can be set** both during machine standstill and while working.
- » **Metal detector** which allows machine stop before a metal scrap penetrates among the blades and damage the shearing unit, thus entailing prolonged machine standstill.
- » **Velveting brush**: it can be achieved with various types of brushes.

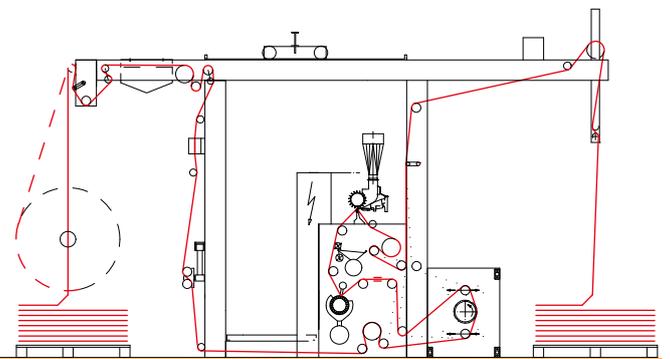
## Technical data

Installed power	<b>15 kW</b>
Effective energy consumption	<b>8 kW</b>
Compressed air min. pressure	<b>5 bar</b>
Adjustable production speed	<b>5-40 m/min</b>
Cylinder speed	<b>600-1200 rpm</b>
Machine width	<b>1800-3600 mm</b>

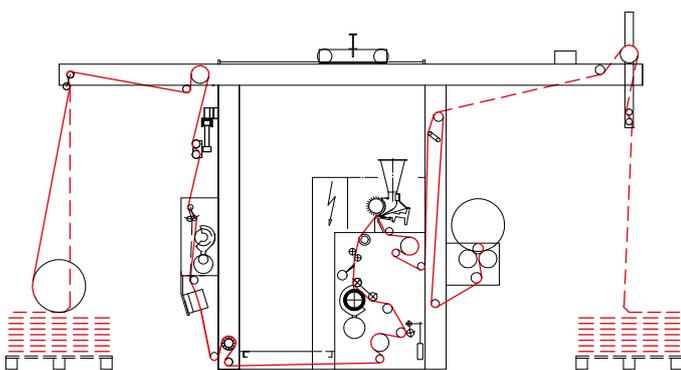
Impact on the environment Compliant with all safety, EMC and noise European standards.



TURBO FLANNEL



TURBO TERRY



TURBO FIL COUPE



# SUEDING

Brush sueding machine LISA 4.0 Woven

Diamond emery machine SANDY

Diamond emery machine SANDY<sup>2</sup>



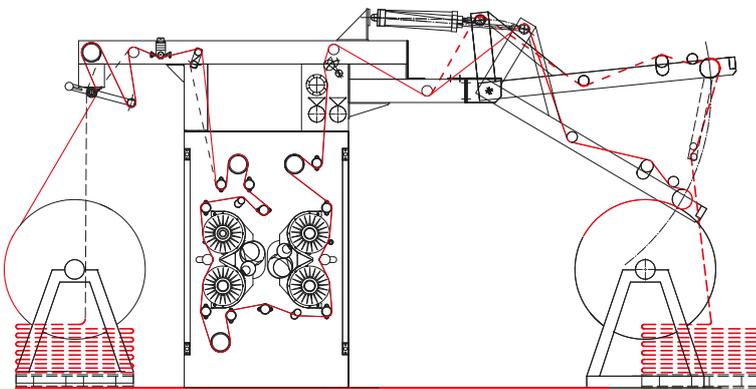
## Models equipped with 4 brushes or 24 diamond cylinders or 48 diamond cylinders

This special diamond sueding machine benefits from the very latest materials for diamond emery manufacturing. Sueding machine with 24/48 special cylinders, with independent variation of all working parameters, suitable for all types of woven fabrics.

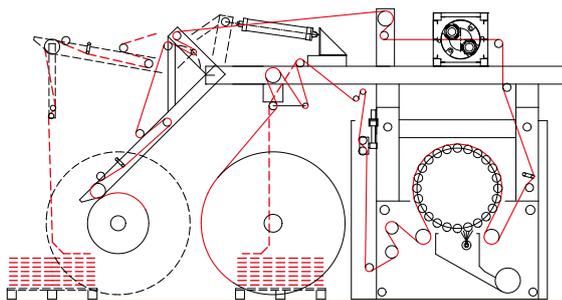
Motor-driven draft cylinders with the Crosta programmer software power enables contact surface and Tangential sueding effect's completely automatic adjustment, thus allowing different fabrics interchanging, also without stopping the machine.

# PLUS

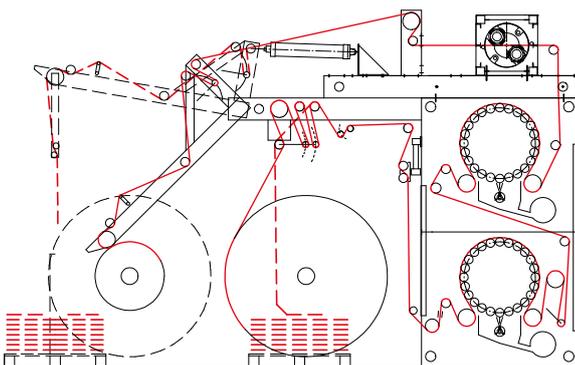
- » **Automatic control device** for cleaning brushes.
- » **Semi-automatic drawing-in** device.
- » **Pneumatic tension control** of raising cylinders driving belts.
- » Impulse running of each device with **independent driving system**.
- » **Working hours counter** for preventive maintenance control.
- » **Touch-screen display** to guide and assist the operator during each operation phase.
- » Programmer able to **record up to 400 work programs**.
- » **Driving system** with inverter-controlled three-phase motors and DC bus system.
- » An **air conditioner** installed on the upper section of the electric control box **keep the temperature constant** and **avoid the formation of condensate**, thus ensuring a long duration of all electric and electronic components.



LISA 4.0 WOVEN



SANDY



SANDY²





## WORLDWIDE COVERAGE

With the largest global coverage of 70 countries, and the biggest amount of machines placed all over the world (more than 9.200 units), Mario Crosta is the oldest and biggest producer of textile face finishing company in the world.



## SUSTAINABLE TECHNOLOGIES

Mario Crosta machines are chosen by the best and biggest brands in the world to reach and maintain the highest level of quality, not forgetting the lowest production costs, achieved thanks to the up-to-date technology, and the low impact on the environment. Mario Crosta, in fact, for many years, has chosen to become a symbol of Green technology.



## OUR SERVICE

The after sale service has always been a goal Mario Crosta has always focused on. In addition to the headquarter division in Italy, which manages and organizes the requests from all over the world, a network of service centers throughout the globe ensures a fast and efficient service wherever customers are.



## OUR MISSION

Mario Crosta Group, in business since 1925, aims at meeting every customer's demand in textile finishing with competence, timeliness and professionalism, through a highly motivated and involved team and a constant attention to research and development. We offer innovative high value-added solutions to meet any worldwide market's growing technological needs.

### WOOL APPAREL

Raising  
Shearing  
Teasel  
Wet Brushing  
Decatizing  
Polishing

### WOVEN APPAREL

Raising  
Shearing  
Brush Sueding  
Diamond Emery

### KNIT APPAREL

Cotton Fleece  
Performance Fleece  
Polar Fleece  
Brush Sueding  
Shearing

### HOME TEXTILE

Raising  
Velvet Line  
Shearing  
Sueding

**MARIO CROSTA**

SINCE 1925



**Mario Crosta s.r.l.**

📍 21052 Busto Arsizio (VA) - Italy - Corso Sempione, 67

☎ +39 0331 631380 📠 +39 0331 631612

🌐 [www.mariocrosta.com](http://www.mariocrosta.com) ✉ [info@mariocrosta.com](mailto:info@mariocrosta.com)