



matchpoint  
diamond finishing technology

diamondTec

high performance

diamondpeach<sup>®</sup> machine



# diamondTec

## diamond finishing / sueding machine

matchpoint develop diamondTec based on the great experience in textile diamond finishing and knowhow in textile machinery.

**diamondTec** diamond finishing machine create a perfect and smoothest finishing effect.

The horizontal roller system is the best system to control fabric tension, one of the most important points for the diamond finishing process of textiles.

The speed of the process roller and the roller direction can be programmed multi flexible up to 2.200rpm.

The process speed can increase up to 40m/min.

The machine is equipped with innovative diamond roller systems to reach high performance finishing results.

matchpoint consult you to find the correct technical configuration for your demands.

### **Apparel Fabrics :**

bottom wear, shirting, sportswear, DENIM

### **Home Textiles :**

furniture fabrics, bedsheets, bed covers, curtains, artificial leather (Polyester Microfibre)

### **Automotive :**

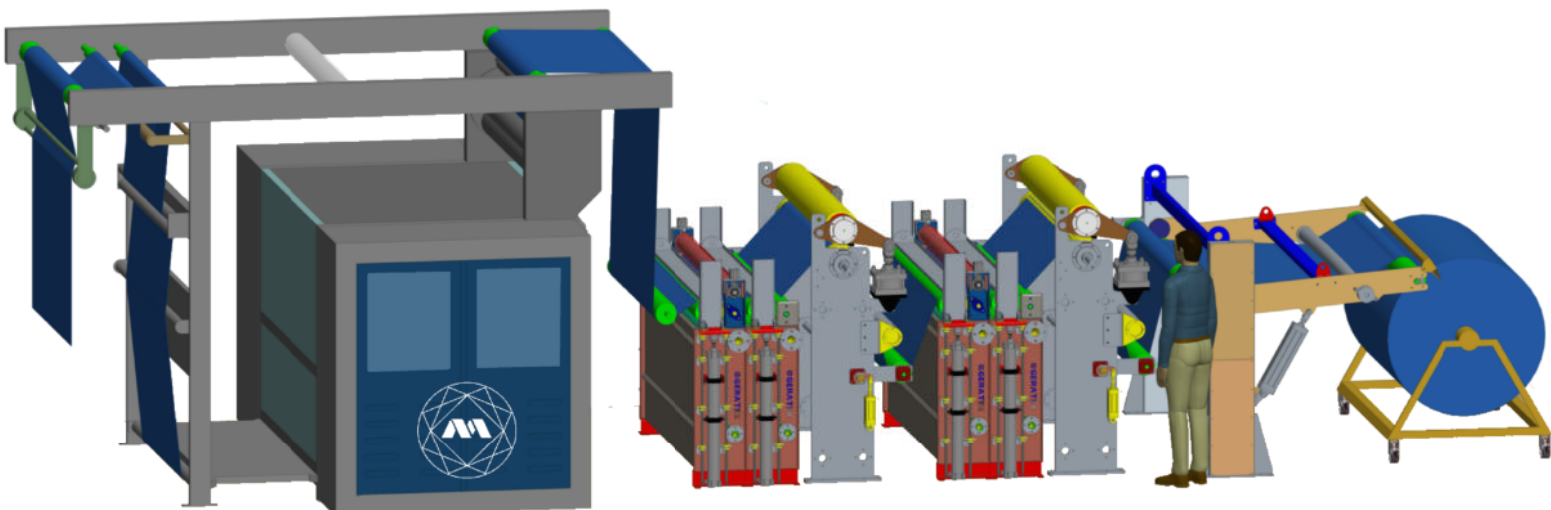
warp knitted, artificial leather,

### **Materials :**

Cotton, Cotton blends, Wool, Viscose, Cupro , Tencel, Lyocell, Rayon, Polyester, Polyamide, Polynosic, Mono- and Triacetat, Microfibre and staple fibre

**diamondTec meets diamondpeach® – suits for woven and stable knit applications.**

## high performance diamond finishing system by Matchpoint



diamondTec - advanced prefinish for subsequent wet processing





# diamondTec

## meets diamondpeach®

diamondTec set new standards in diamond finishing.  
The combination of diamondTec and diamondpeach® is the high-tech solution in surface apparel finishing.

### **diamondTec – benefits and technical details :**

- High performance emerising machine
- Emery roller speed up to 2.200 rpm / each
- Processing speed up to 40m/min
- Most efficient diamond roller system
- Individual diamond roller direction
- Individual roller rpm for each roller
- Tension control by double transport rollers
- Quick change of roller configuration, process and parameters
- Designed for easy service intervalls
- Operator friendly machine design

### **diamondpeach® plus – The leading diamond emery for sueding of textiles**

- Up to 6 million meter with **diamondTec** machine
- 100% JOINTFREE - technology with **diamondpeach® plus**
- Highest productivity
- Best pre-treatment
- Improved fabric strength
- Best diamond dot stability
- Increased machine efficiency 30-50%

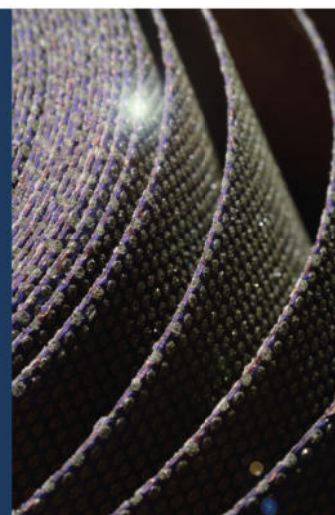


### **diamondpeach® meets diamondTec:**

**matchpoint supply worldwide the following diamondpeach® plus qualities:**  
grain sizes : 80 / 150 / 220 / 320 / 400 / 600 / 800

**Available in diverse tape widths:**  
50 mm | 75 mm | 100 mm | 150 mm | 300 mm

**Tape length:**  
According to your specific machinery needs





# diamondTec

## high performance finishing machine

### Basic configuration of diamondTec finishing machine

- High performance diamond finishing system
- Rotary tensioner at machine entrance
- Draw roller at machine entrance
- Tension compensator / dancing roller at entrance
- Seam detection
- Double draw rollers for perfect tension control
- 10" touch screen control panel
- Aspiration unit

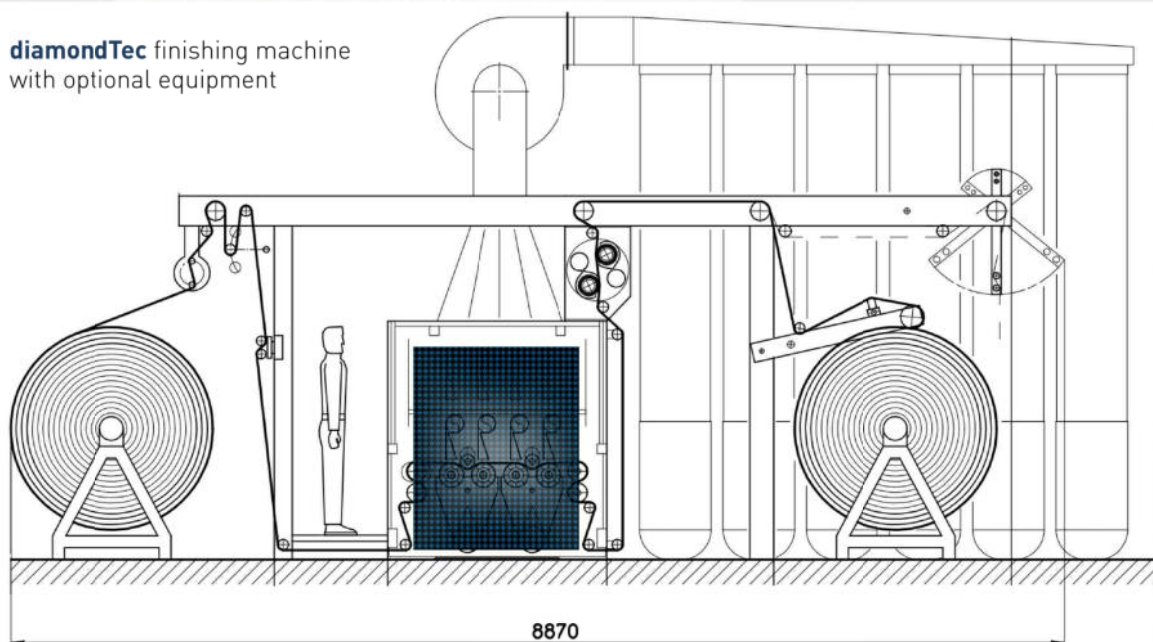
### Optional equipment

- steaming device at machine entrance to moisture the fabric
- Spreading roller at inlet for elastic fabrics
- Cloth guiding system
- Combined plaiting + winding unit
- Motorised unwinder
- cleaning brush unit
- Antistatic device
- climatisation

### Further option : diamondpeach® plus emery

Available grain sizes : 80 / 150 / 220 / 320 / 400 / 600 / 800

**diamondTec** finishing machine  
with optional equipment



### Technical data :

Fabric width	1600-2200 mm
Roller width	1800-2600 mm
Processing speed	5-40 m/min
Roller speed	N = 550 - 2200 rpm
Electric load	45-60 KW
	3 phase 400 V / 50 Hz

Noise level average	Below 78 dB(A)
Temperature environment	5-50°C
Humidity	<85%
Altitude	<500 m



**matchpoint**  
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in collaboration with



Since 1935

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