

## RotoFinisher

Rotating Atomizer

spray coating on nonwoven, carpet and textile (yarn and fabric webs)

Minimierter Systeminhalt < 25 l  
Viskosität bis 160 mPa·s

Variable Sprühmengenwahl  
Sprühflottentemperatur bis 50 °C

Standard Sprühbreite 1.800 mm WB

Frequenzgeregelte Walzantriebe  
Touch Screen Bedienung  
VPN Router für Fernwartung  
LAN Schnittstelle

Minimized System content < 25 l  
Viscosity up to 160 mPa·s

Variable pre-selection of spray add-on  
Spray liquor temperature up to 50 °C

Standard spray width 1.800 mm WW

Frequency controlled drive system  
Touch screen display  
VPN Router for remote maintenance  
LAN interface



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RotaSpray GmbH

## RotoFinisher

Spray Coating

Minimum Application (MA)

Nonwoven, Carpet and Textile Industry

Innovation Partner



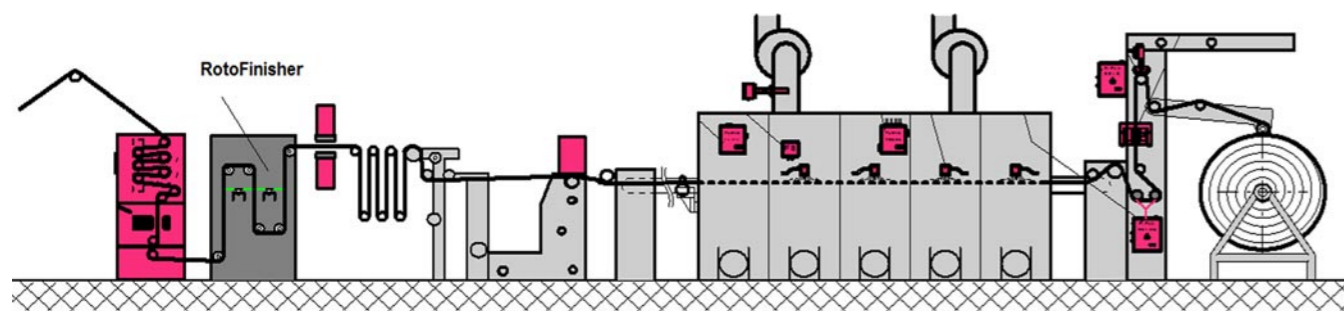
BEZEMA



ITMA 2015  
www.itma.com

12 - 19 NOVEMBER  
FIERA MILANO RHO  
MILAN, ITALY





**CHT/BEZEMA selected products for spray application**

**Antistatic agents**

**AVISTAT 3 P** a Efficient thermo stable antistatic agent based on phosphoric acid esters

**Deaerating agents**

**KOLLASOL CDO** n Highly efficient deaerator to avoid foam during spray application

**Gloss finish**

**ARRISTAN 66** n Semi-macro emulsion of a functional polysiloxane

**POLYAVIN PEN** n Emulsion of a high melting polyethylene

**ARRISTAN CPU** c Hydrophilic, soft polyurethane

**ARRISTAN EPD** a Hydrophilic, soft polyurethane

*All gloss finishing agents have to be applied in combination with a mechanical finish e.g. calander.*

**Hydrophilizing agents**

**ARRISTAN AIR** n Polyester-copolymer for synthetic fibers

**Hydrophobic and oleophobic finish**

**ECOPERL 1** c Fluorine free DWR

**TUBIGUARD 86-F** c Fluorocarbon dispersion for water and oil repellency, PFOA free\*\*

**Raising aids**

**POLYAVIN PEN** n Emulsion of a high melting polyethylene

**TUBINGAL HWS** sc Hydrophilic silicone compound

**TUBINGAL RNJ** n Compound of fatty acid condensate, polyethylene and waxes

**Sanforizing agents**

**TUBINGAL HWS** sc Hydrophilic silicone compound

**TUBINGAL RNJ** n Compound of fatty acid condensate, polyethylene and waxes

a = anionic n = non-ionic sc = slightly cationic c = cationic

\*\* below detection limit



Rotoreträger

rotor carrier

**Vorteile**

Einseitiger und Zweiseitiger Additionsauftrag  
 Jeweils 2 Sprühpunkte für jede Bahnseite  
 Zwangsapplikation  
 Minimalauftrag (MA)  
 Restflottenminimierung  
 Geringe Scherkräfte im System  
 Kurze Sprühflottenaustauschzeit

Berührungslose Applikation:  
 - keine Veränderung des Kapillarsystems  
 - kein Einschleppen von Restchemikalien  
 - reduzierter Differenz pick-up in NASS in NASS

Exakt einstellbare Auftragsmenge  
 Produktivitätserhöhung  
 Einsparung von Trocknungsenergie  
 Reduzierung des CO<sub>2</sub> Fußabdrucks  
 Geringe Wartungskosten

**Advantages**

Back and/or face addition spray add on  
 2 spray points on back and face side  
 Forced application  
 Minimum application (MA)  
 Minimization of disposal  
 Reduced shear forces within the system  
 Reduced spray liquor exchange time

Contact-free application:  
 - no modification of capillary structure  
 - no contamination of spray liquor  
 - reduced differential pick-up in WET ON WET

Precise adjustment of spray add on  
 Increase of productivity  
 Energy saving  
 Reduction of carbon footprint (CO<sub>2</sub>)  
 Reduced maintenance costs