RotoFinisher

Rotating Atomizer

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

Minimierter Systeminhalt < 25 l
Viskosität bis 160 mPa·s

Variable Sprühmengenvorwahl
Sprühflottentemperatur bis 50 °C

Standard Sprühbreite 1.800 mm WB

Frequenzgeregelte Walzenantriebe
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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RotaSprayGmbH

RotoFinisher

Spray Coating

Minimum Application (MA)

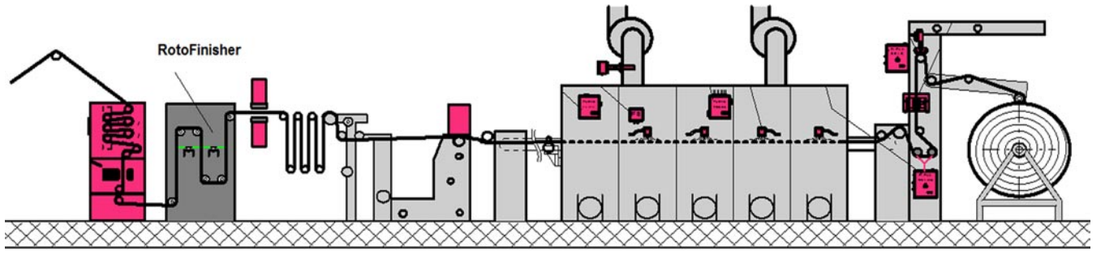
Special Fashion Effects on Textile

Innovation Partner

Nearchimica

ITMA 2015
www.itma.com
12 - 19 NOVEMBER
FIERA MILANO RHO
MILAN, ITALY

ECOLOGICAL **ECONOMICAL** **CO_2REDUCTION**



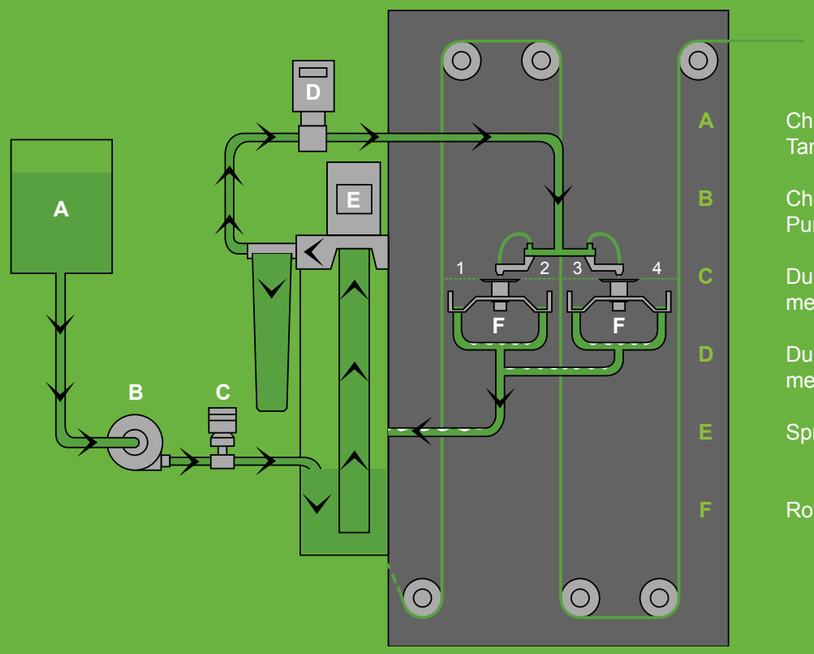
NEARFINISH BRO optimized for continuous spray coating

Performance

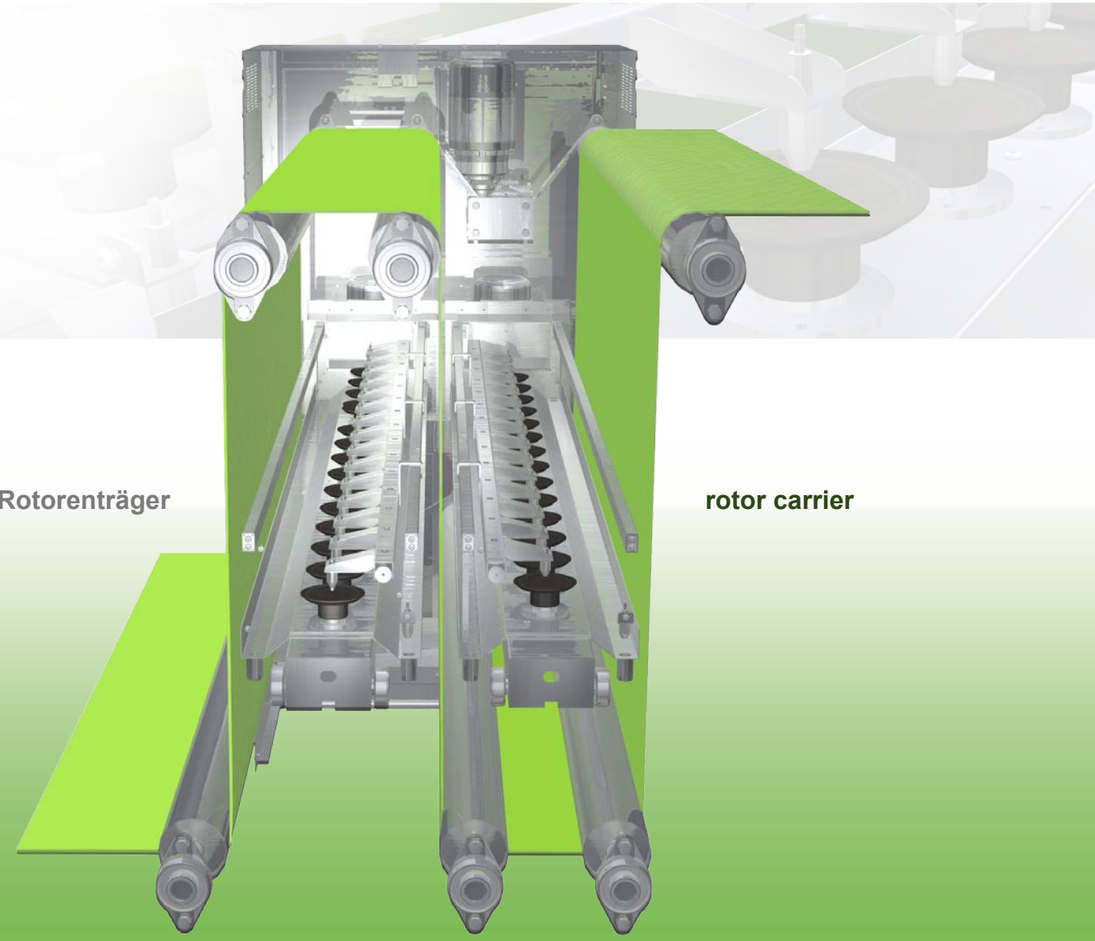
- Self-Crosslinking Terpolymer designed for SPECIAL FASHION EFFECTS
- Multifunctional product with very high washing resistance
- Suitable for flat woven fabrics, Denim and for knits

Product strength during spray application

- High shear stability in spray application
- Slow film forming during application, managed by different chemical links
- Different chains of NEARFINISH BRO slow down the sticky phenomena → no sedimentation on rollers and no filter and nozzle blockings



Chemikalien Tank	chemical tank
Chemikalien Pumpe	chemical pump
Durchfluss-messung	flow meter
Durchfluss-messung	flow meter
Sprühpumpe	spray pump
Rotoren	rotors



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_2 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_2)
Reduced maintenance costs