



**19. Hofer Vliesstoff-Tage
10. und 11. November 2004**

**Vliesstoffe
bedrucken und färben in-line**

**Johannes P.M. Zimmer & Alfred Habenbacher
J.Zimmer Maschinenbau GmbH Klagenfurt, Austria**

1874 – 2004



1874 Gründung durch Franz Zimmer in Warnsdorf



Franz Zimmer



Julia Zimmer



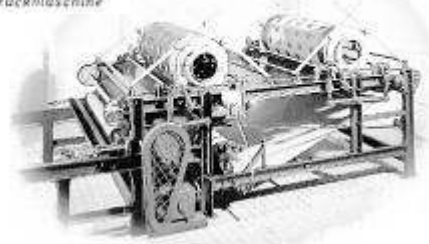
Heinrich Zimmer



Johannes Zimmer



Peter Zimmer





INTERN. KLASSIFIKATION TECHNISCHER TEXTILIEN

1. **Agrotech** – textiles for agriculture and forest-management
2. **Buildtech** – construction textiles
3. **Clothtech** – clothing textiles
4. **Sporttech** – sport textiles
5. **Geotech** – geo textiles
6. **Homotech** – home and house textiles
7. **Indutech** – industrial textiles
8. **Medtech** – textiles for medicine and hygiene
9. **Mobiltech** – mobile textiles
10. **Oekotech** – oeko textiles
11. **Packtech** – packing textiles
12. **Protech** – protection textiles



PRINTING COATING DYEING FINISHING

magnoroll
COATING DYEING FINISHING SYSTEM

the multipurpose coating system for textiles, plastics, nonwovens, paper, glass fibre, tissues...

variopress
FOAM COATING SYSTEM

for paste and foam applications on technical textiles, standard textiles, plastics, carpets, upholstery, nonwovens, glass fibre, tissues...

twincoat
COATING LACQUERING SYSTEM

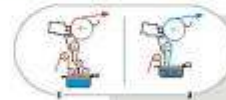
for PVC-coating and lacquering simultaneously on both sides of the fabric.

miniroll
FOULARD DYEING SYSTEM

Mini-Roll foulard dyeing machine.



Zimmer
AUSTRIA



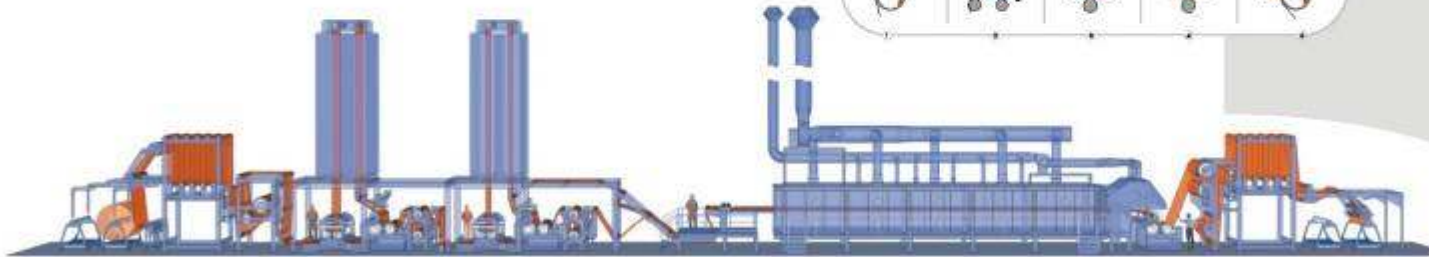
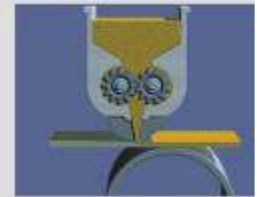
miniROLL
POULARD DYING SYSTEM



magnorOLL
COATING DYING FINISHING SYSTEM

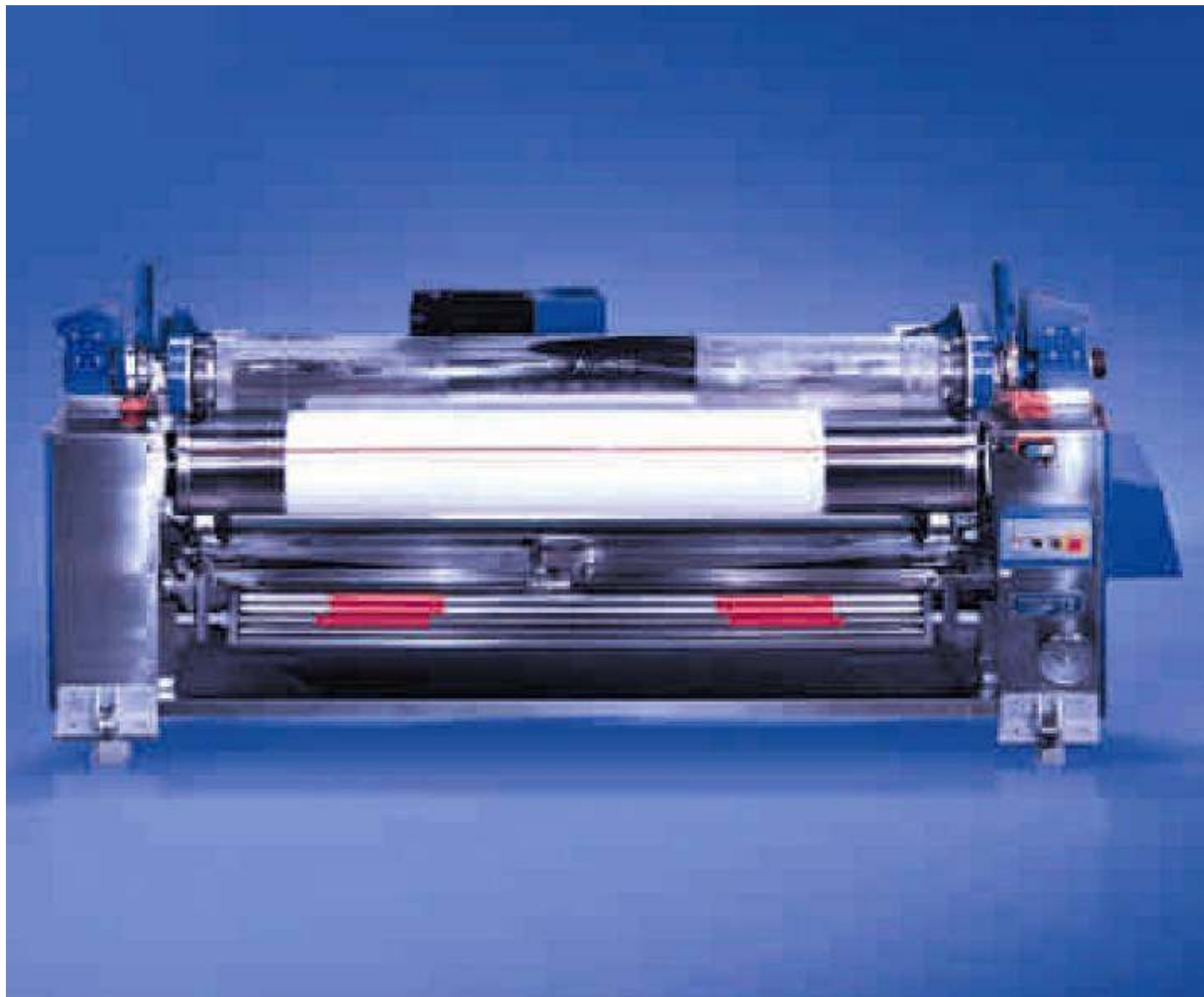


variopRESS
FOAM COATING SYSTEM



twinCOAT
COATING LAQUERISE SYSTEM





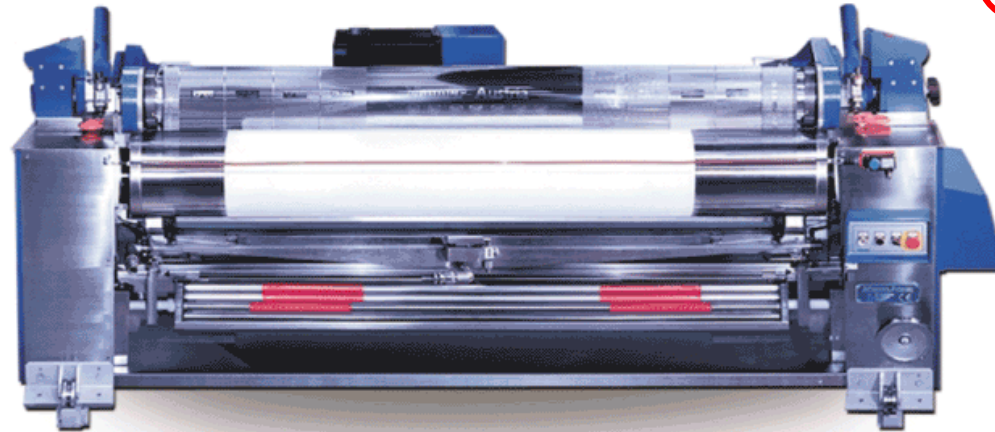
Zimmer
AUSTRIA



magnorOLL 
COATING DYING FINISHING SYSTEM

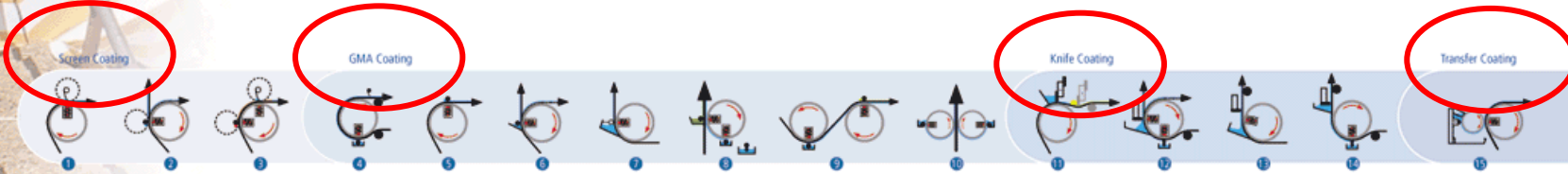


Multipurpose coating machine for working widths from 50 to 540 cms
 The most versatile coating machine on the market. 100% even application with the Zimmer Magnet-System guaranteed, with or without the use of rotary screens. Coating in horizontal or vertical web direction. Very compact machine design that can easily be fitted into existing production lines.



International classification

- Agrotech
- Buildtech
- Clothtech
- Medtech
- Mobiltech
- Oekotech
- Geotech
- Homotech
- Indutech
- Packtech
- Protech
- Sporttech

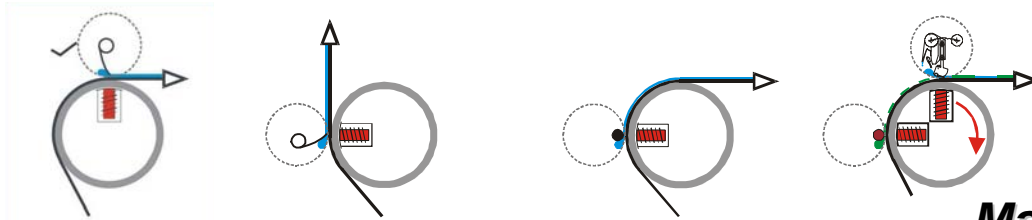


Modular machine design concept for

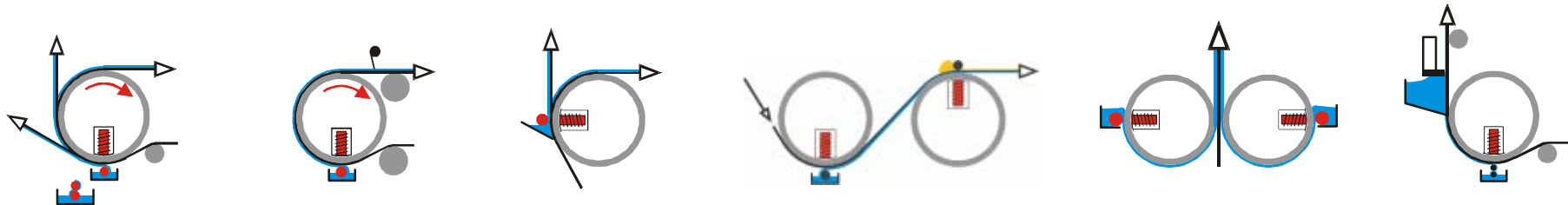
- Screen coating
- GMA direct Roller Coating
- Knife Coating
- Transfer Roller Coating

for uniform coating of liquids, paste and foam

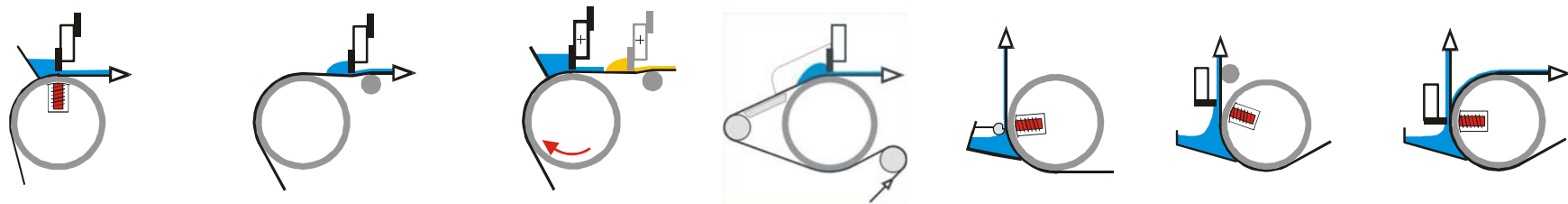




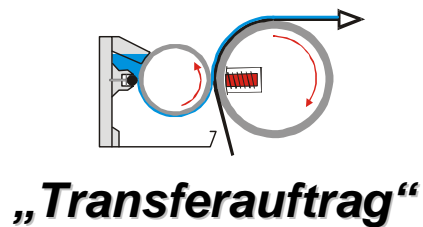
Magnoroll Rundschablone „RMR-RS“



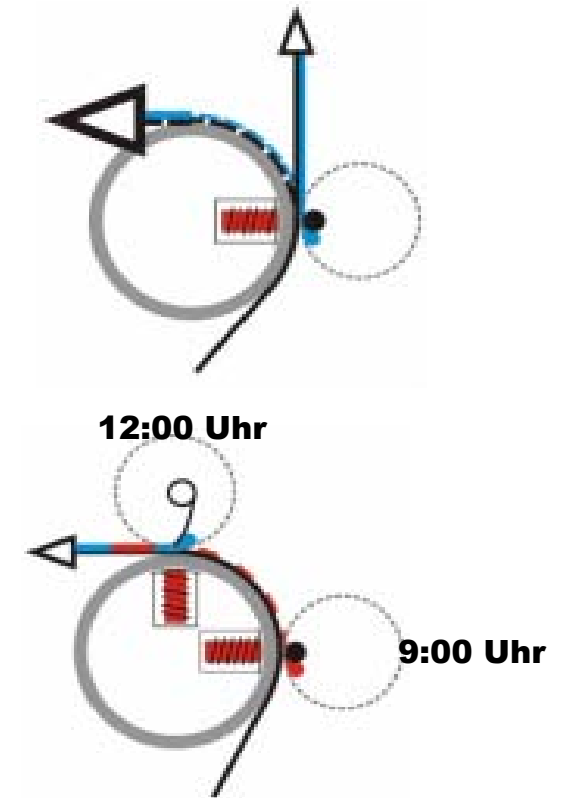
Magnoroll Geringmengenauftrag „RMR-GMA“

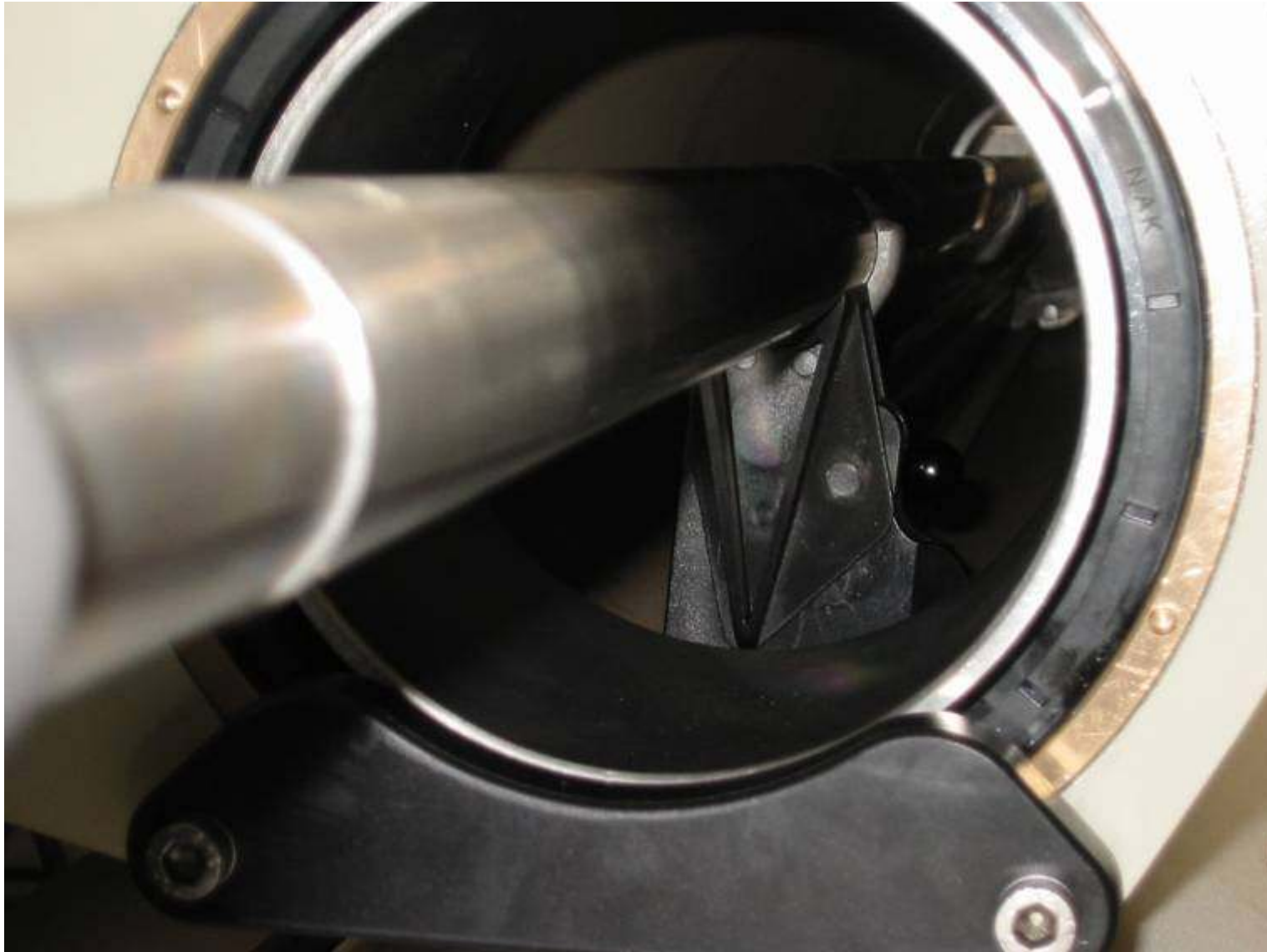


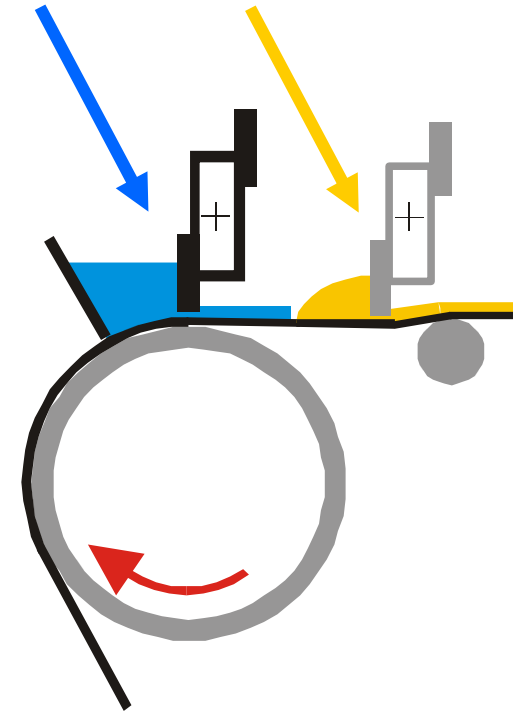
Magnoroll Messerrakel „RMR-MK“



Die **Magnoroll** Maschine bietet eine immense Variation von verschiedenen Anwendungen flüssig, mit Paste und Schaum innerhalb eines modularen Maschinenkonzeptes

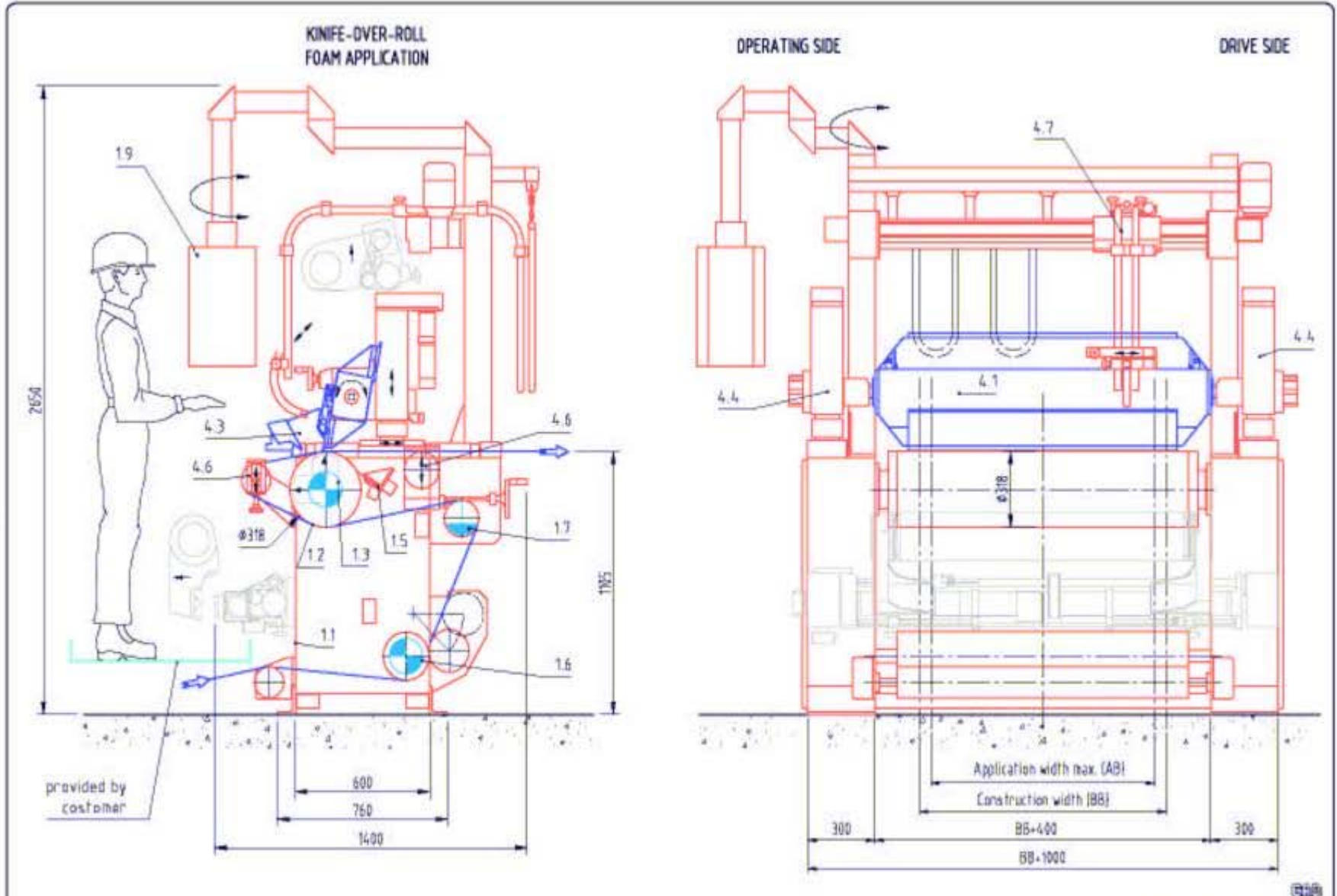






Magnoroll

Schaumbeschichtung oder Pasten-
beschichtung mit **Walzenspaltrakel**
oder mit **Luftrakel**



Datum: 10.07.2003
 Proj. Nr.:
 Name: G. Scherlitz
 Exp. Nr.:

Technische Änderungen vorbehalten
 subject to technical alterations

Alle Maße in "mm"
 all measures in "mm"

Datum: 10.07.2003	Name: G. Scherlitz	Bearbeitung:
Zeichn. Nr.: 213020-105-3	Bl. 1	

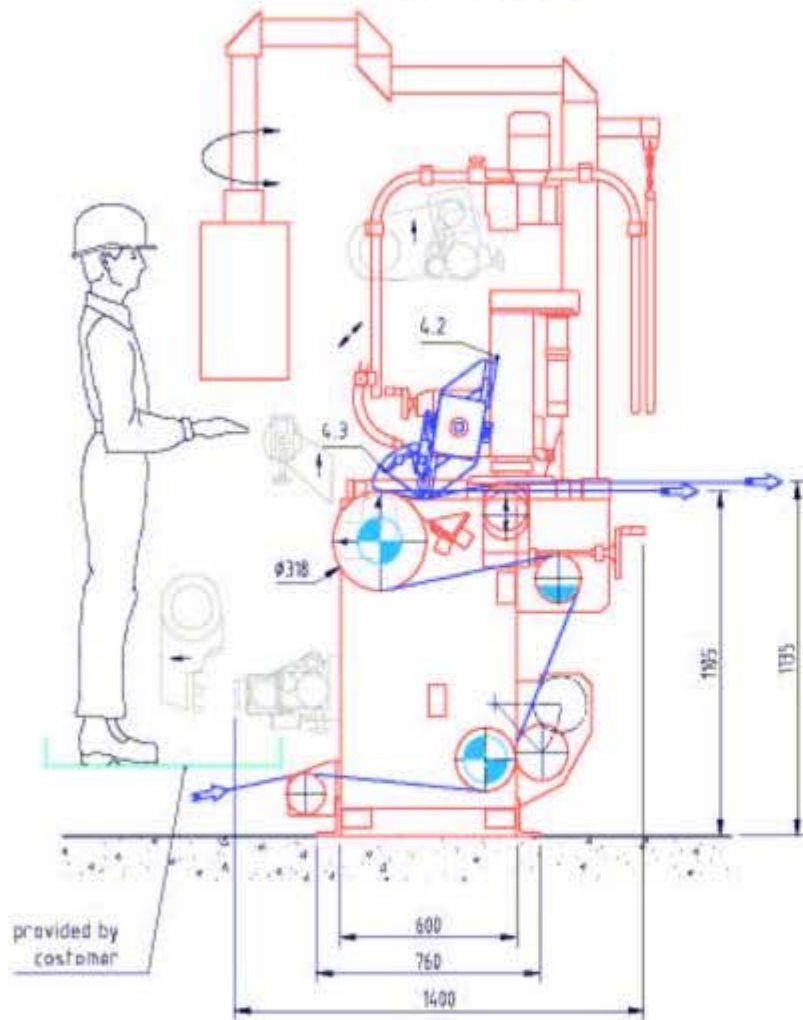
**MAGNOROLL PRINTING- and COATING MACHINE
TYPE RMR-2RS-MKIV**

Fabrik:
 SCHWARTZ & CO. DE. CV
 HEINZ

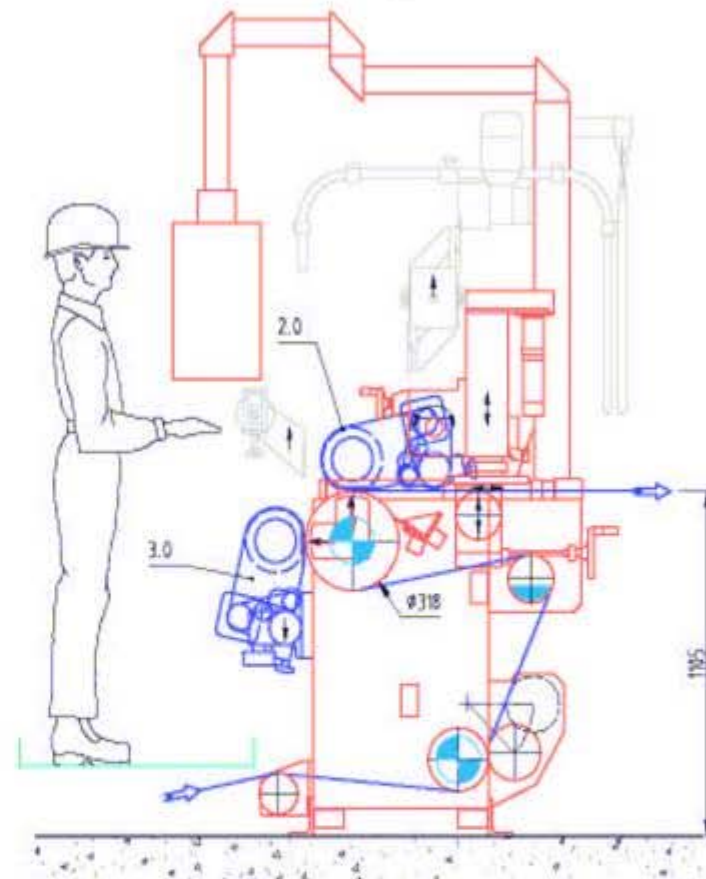
J. Zimmer
 Maschinenbau Ges.m.b.H.

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 WITHOUT OUR PERMISSION

KINIFE-ON-AIR PASTE APPLKATION
AFTER MAGNET ROLLER



ROTARY SCREEN PRINTING
2 RS



name: Gv Scherlitz
Exp/11/11

Datum: 10.07.2003
Prj. Nr.:

Technische Änderungen vorbehalten
subject to technical alterations

Alle Maße in "mm"
all measures in "mm"

Datum: 10.07.2003	Name: Gv Scherlitz	Bearbeitung:
Zeichn. Nr.:	213020-105-3	Bl. 2

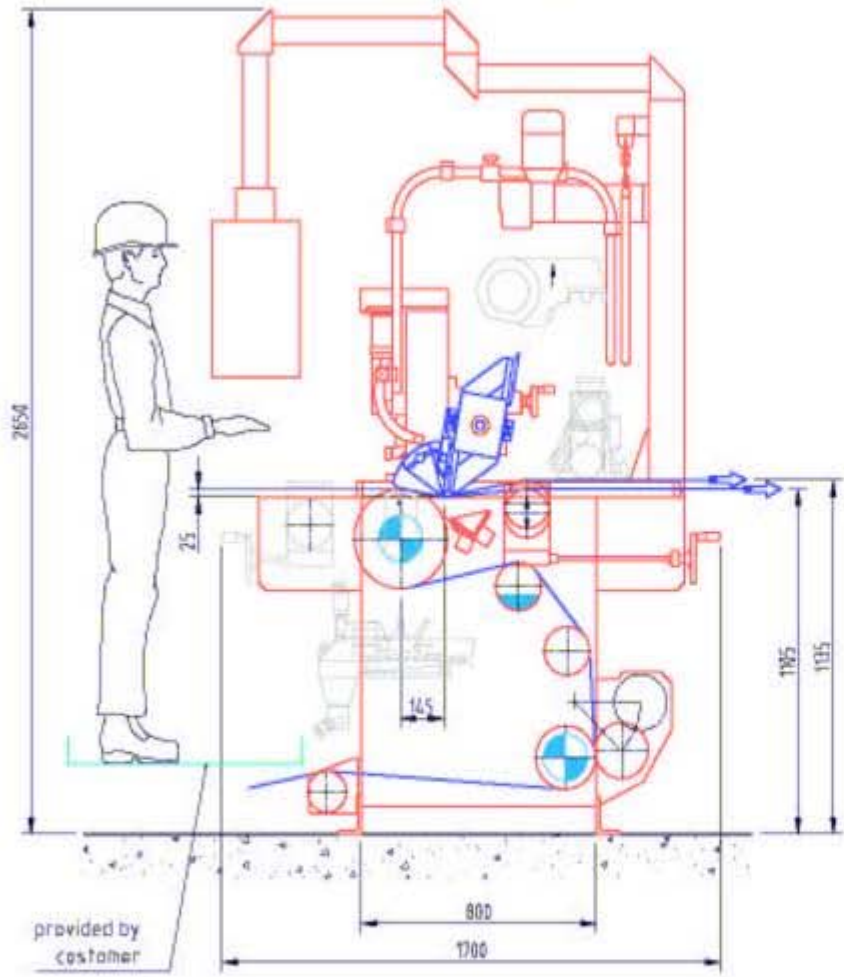
MAGNOROLL PRINTING- and COATING MACHINE
TYPE RMR-2RS-MKIV

Fabrik:
SCHWARTZ & CO. DE. C.V.
HERZOG

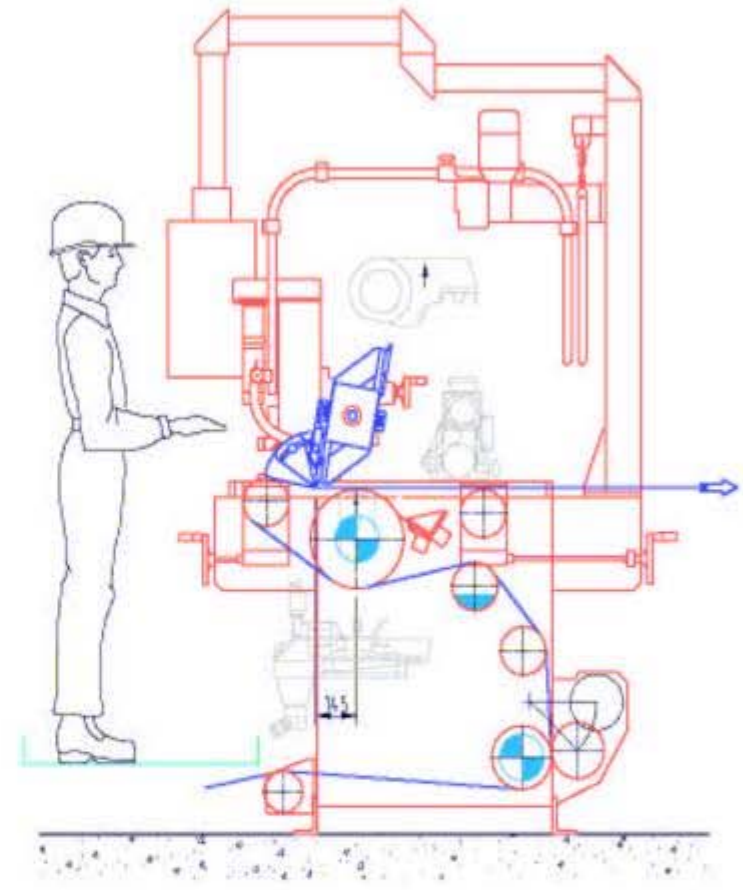
J. Zimmer
Maschinenbau Ges.m.b.H.

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KINIFE-ON-AIR PASTE APPLICATION
AFTER MAGNET ROLLER



KINIFE-ON-AIR PASTE APPLICATION
BEFORE MAGNET ROLLER



Name: G. Scherl
Exp/Str:

Datum: 02.06.2002
Proj. Nr.:

Technische Änderungen vorbehalten
subject to technical alterations

Alle Maße in "mm"
all measures in "mm"

Datum: 02.06.2002	Name: G. Scherl	Bearbeitung:
Zeichn. Nr.: 213020-098-3	Bl. 2	

MAGNOROLL PRINTING- and COATING MACHINE
TYPE RMR-RS-GMA/F-MKIV

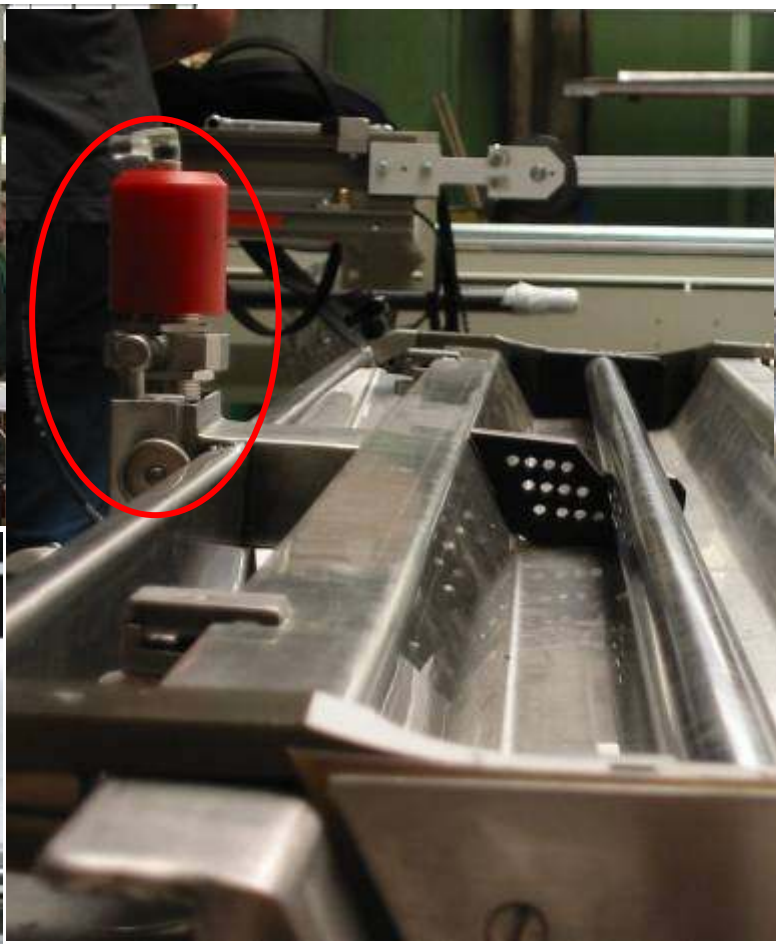
Funk:

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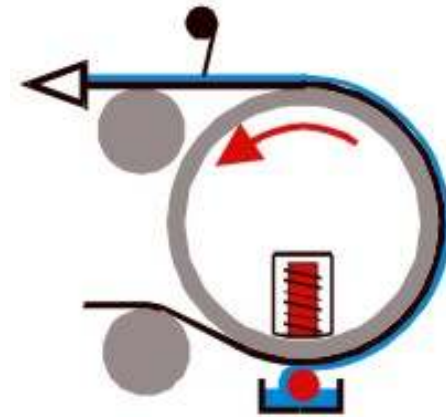
J. Zimmer
Maschinenbau Ges.m.b.H.





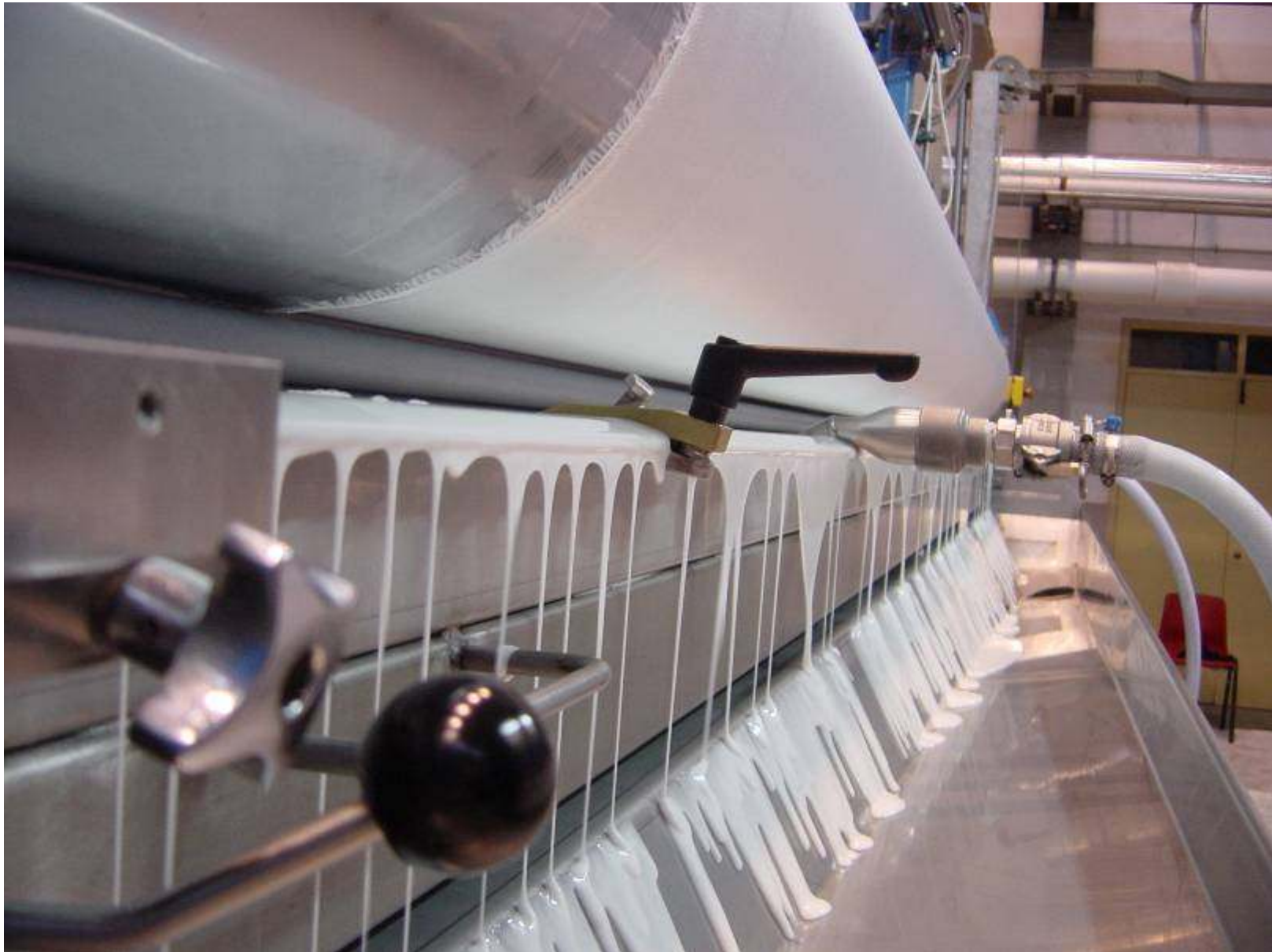


Magnoroll RMR-GMA-1RU /-2RU



zusätzliche Option:
Glättrakel mit
Unterstützungswalze





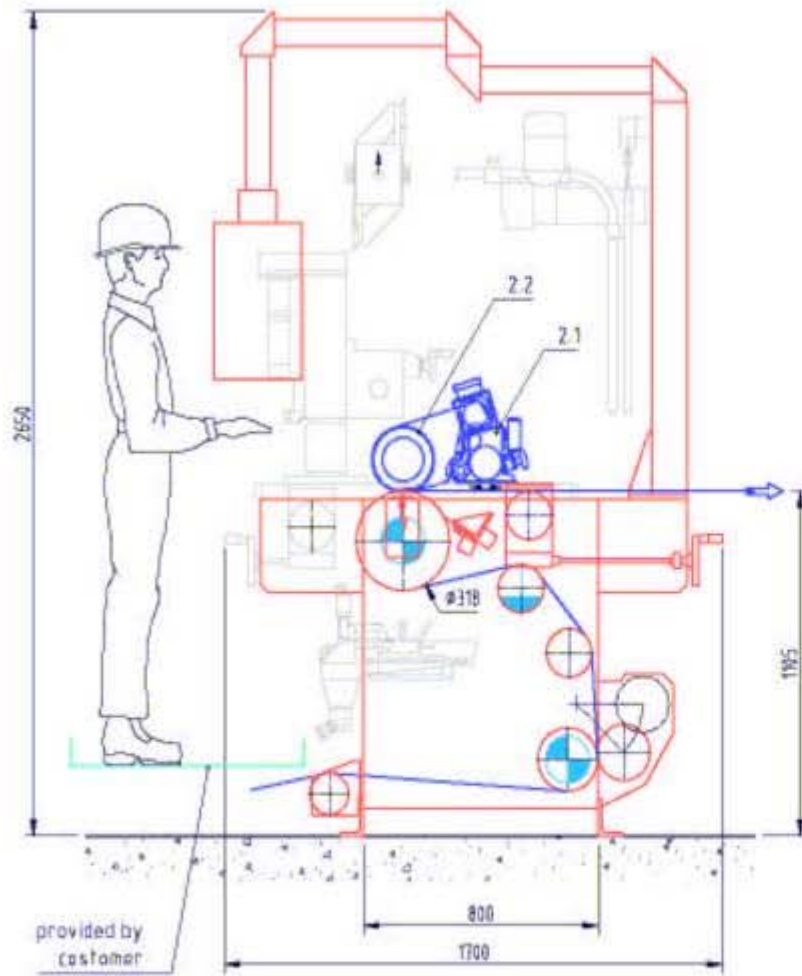




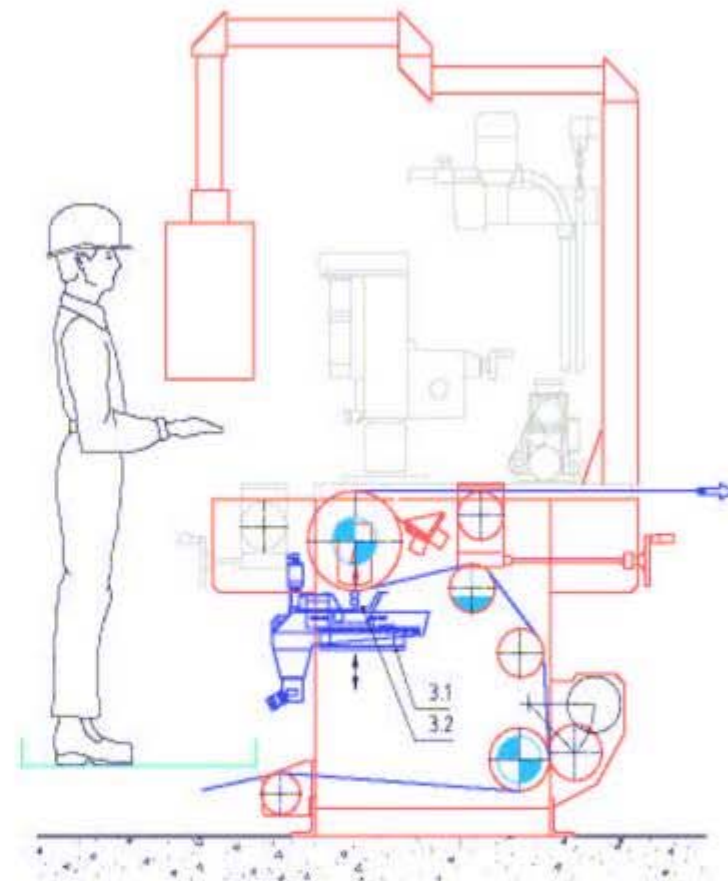


Rüstwagen für Auftragsrollen bis zu 540 cm Arbeitsbreite

ROTARY SCREEN PRINTING



LOW-ADD-ON EQUIPMENT



Name: G. Scherlau
Gezeichnet:

Datum: 02.06.2002
Prüfung:

Technische Änderungen vorbehalten
subject to technical alterations

Alle Maße in "mm"
all measures in "mm"

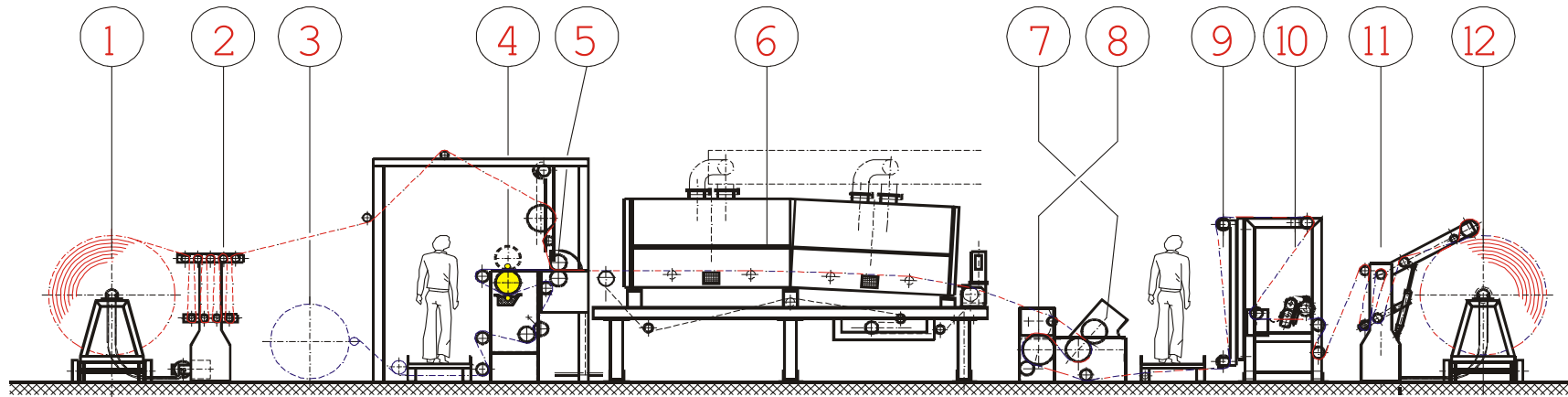
Datum: 02.06.2002	Name: G. Scherlau	Bearbeitung:
Zeichn. Nr.: 213020-098-3	Bl. 3	

MAGNOROLL PRINTING- and COATING MACHINE
TYPE RMR-RS-GMA/F-MKIV

Funk:

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J. Zimmer
Maschinenbau Ges.m.b.H.



1 Hydraulic big-batch unwinding device

2 Storage compensator

3 Unwinding for paper, foils, or foamed materials

4 One-color printing and coating machine

5 Laminating station

6 Drying channel

7 Crusher or calander

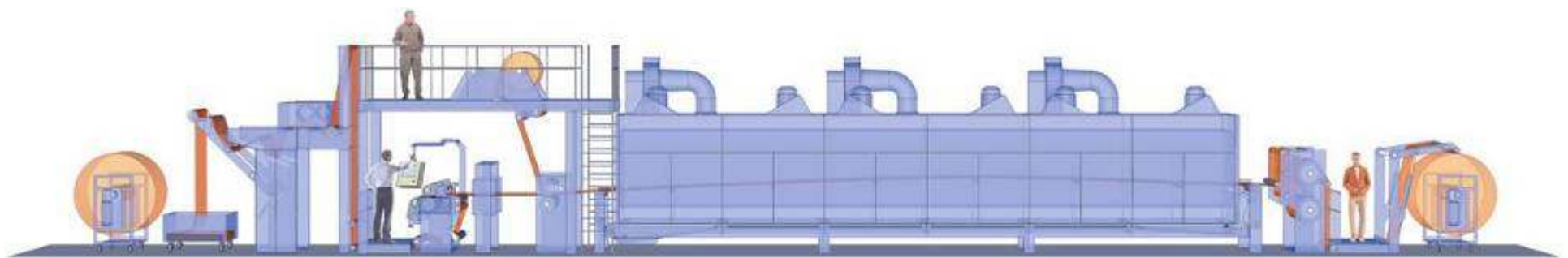
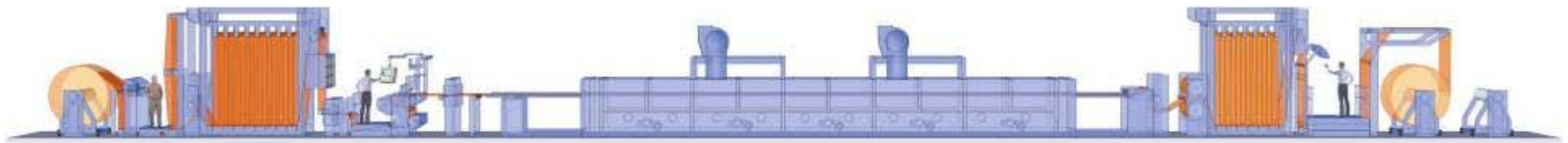
8 Drawing and cooling station

9 Swivelling frame

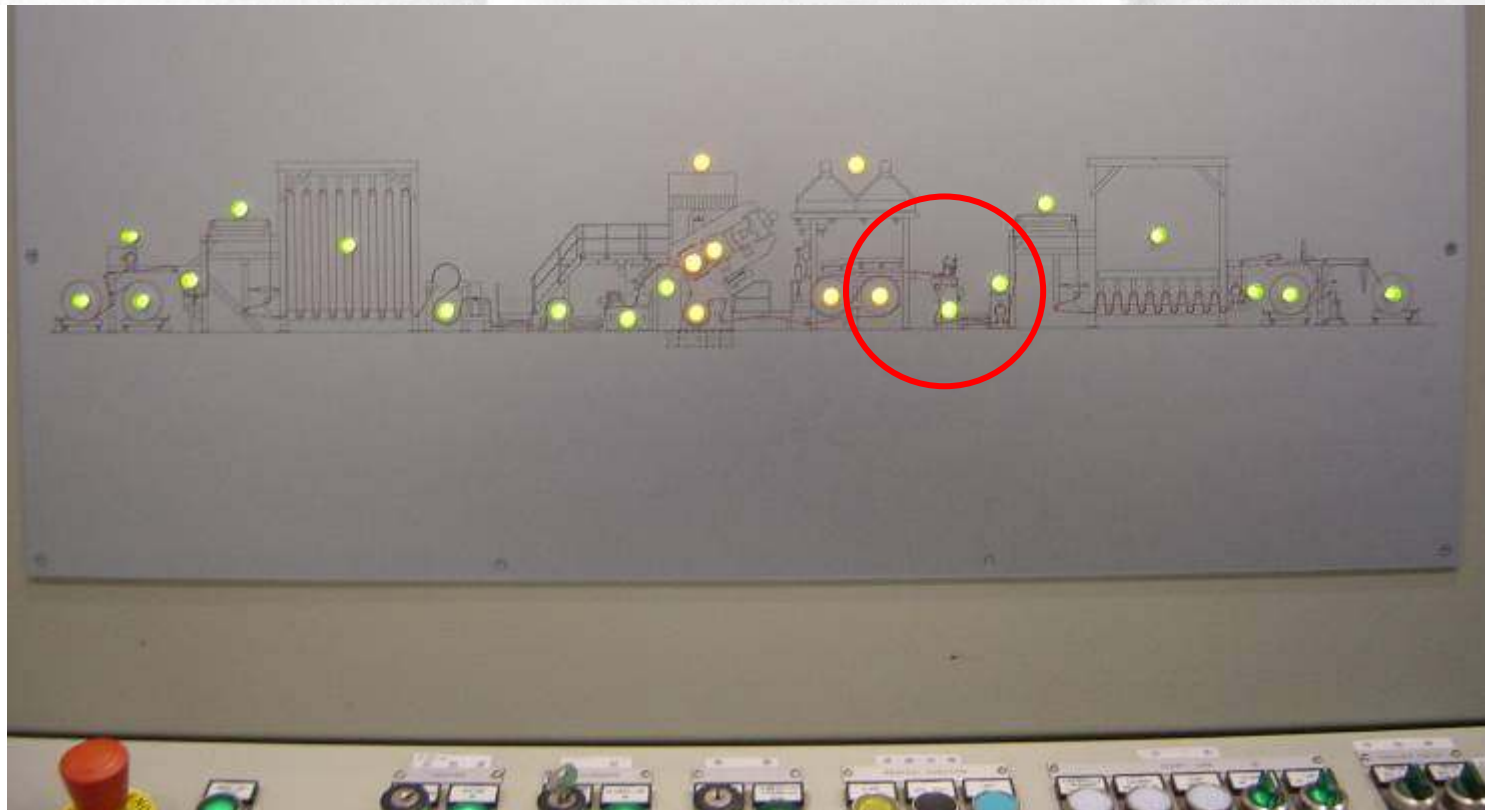
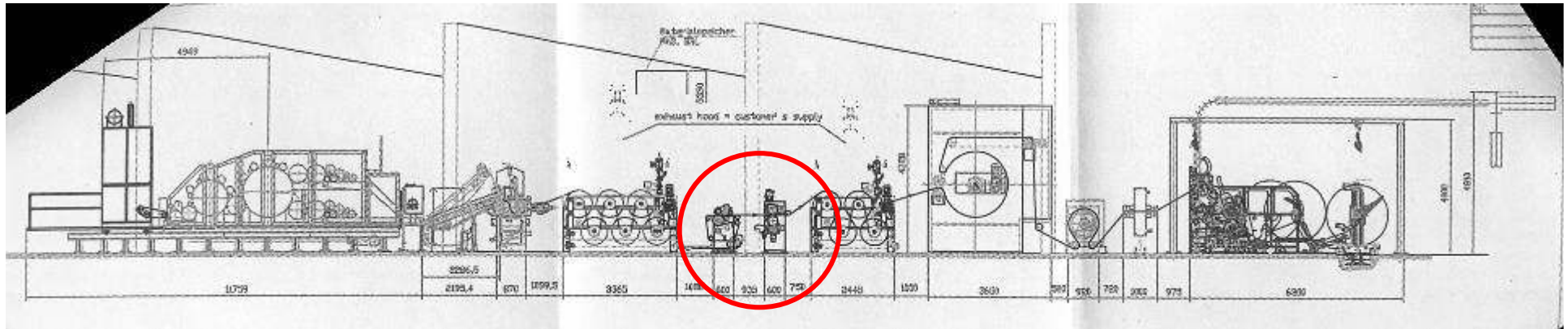
10 Edge-cutting device

11 Circumference rewinding device

12 Central rewinding device

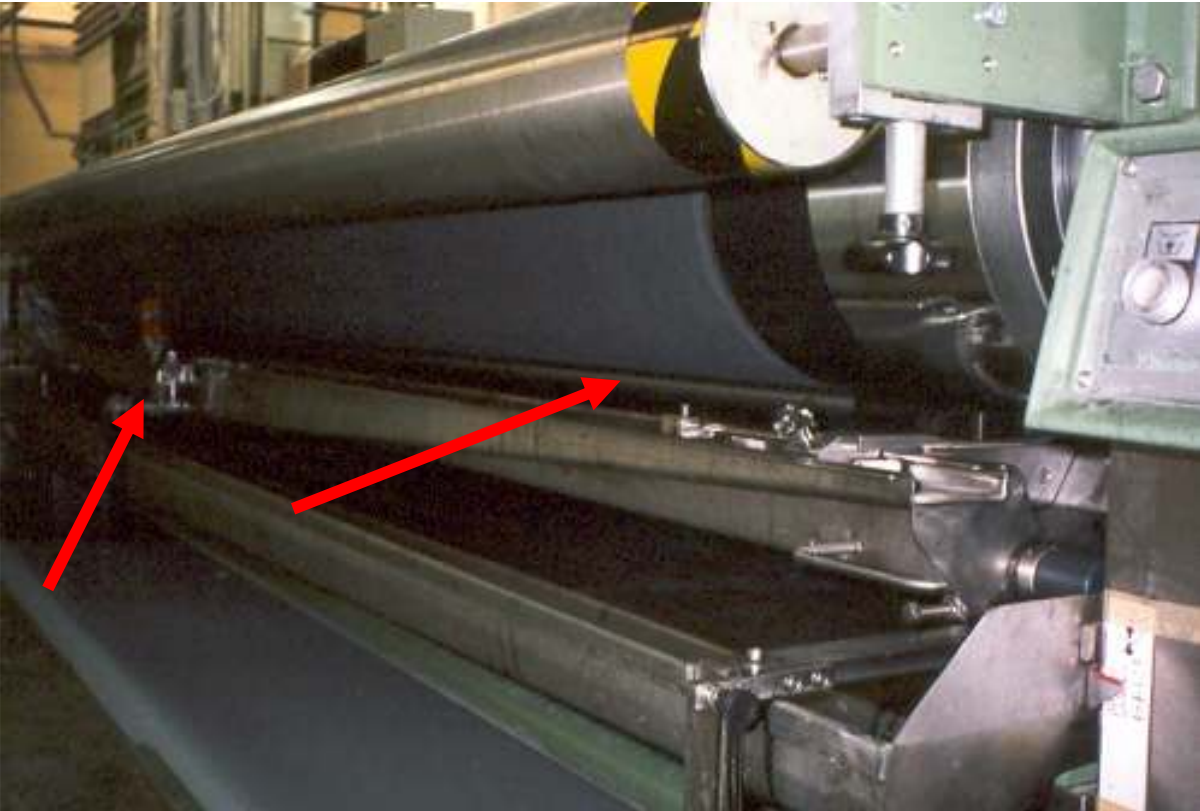
















Trave Magnetica 1

01: 0%	09: 44%	17: 44%	25: 26%
02: 0%	10: 36%	18: 38%	26: 0%
03: 0%	11: 31%	19: 0%	27: 0%
04: 0%	12: 42%	20: 0%	28: 0%
05: 0%	13: 20%	21: 3%	29: 0%
06: 0%	14: 27%	22: 20%	30: 0%
07: 28%	15: 25%	23: 48%	31: 0%
08: 33%	16: 55%	24: 26%	

Magnetkraft Zonenregulierung

minimale individuelle Zonebreite: ca. 100 mm

manuell oder automatische Einstellung über Touchscreen

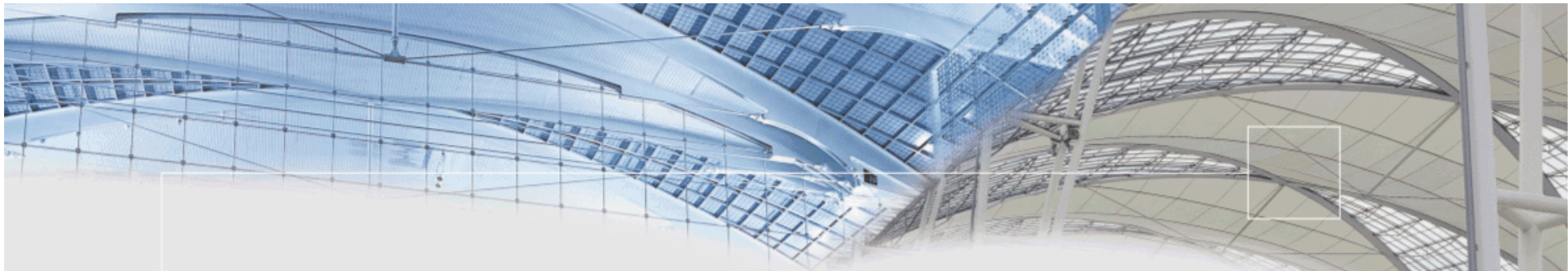


Trave Magnetica 1

01:	0%	09:	44%	17:	44%	25:	26%
02:	0%	10:	36%	18:	38%	26:	0%
03:	0%	11:	31%	19:	0%	27:	0%
04:	0%	12:	42%	20:	0%	28:	0%
05:	0%	13:	20%	21:	3%	29:	0%
06:	0%	14:	27%	22:	20%	30:	0%
07:	28%	15:	25%	23:	48%	31:	0%
08:	33%	16:	55%	24:	26%		

Magnetkraft Zonenregulierung

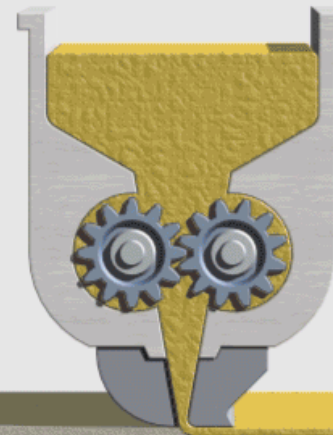
in Kombination mit automatischer Dickenmeseinrichtung



variopRESS

FOAM COATING SYSTEM

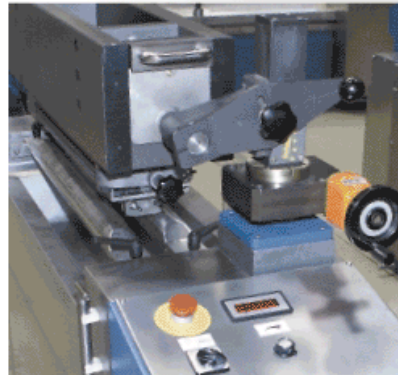
For paste and foam applications on technical textiles, standard textiles, plastics, carpet, upholstery, nonwovens, glassfibre, tissues...
 The only foam application system that gives you 100% control of how much foam is applied independent of line speed, web tension and/or absorbance characteristic of the coated web.
 Web contact or "contactless" application possible.



Off-contact surface application or exactly defined penetration steplessly adjustable from 0 to 100%

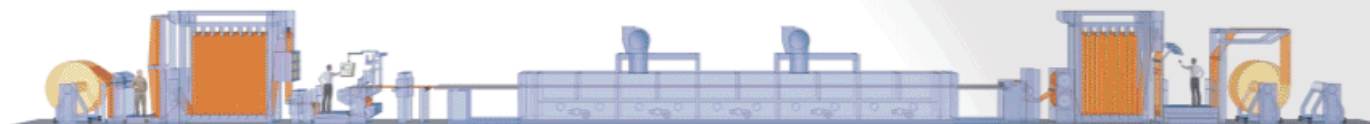
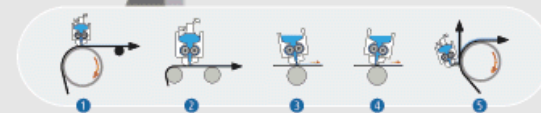


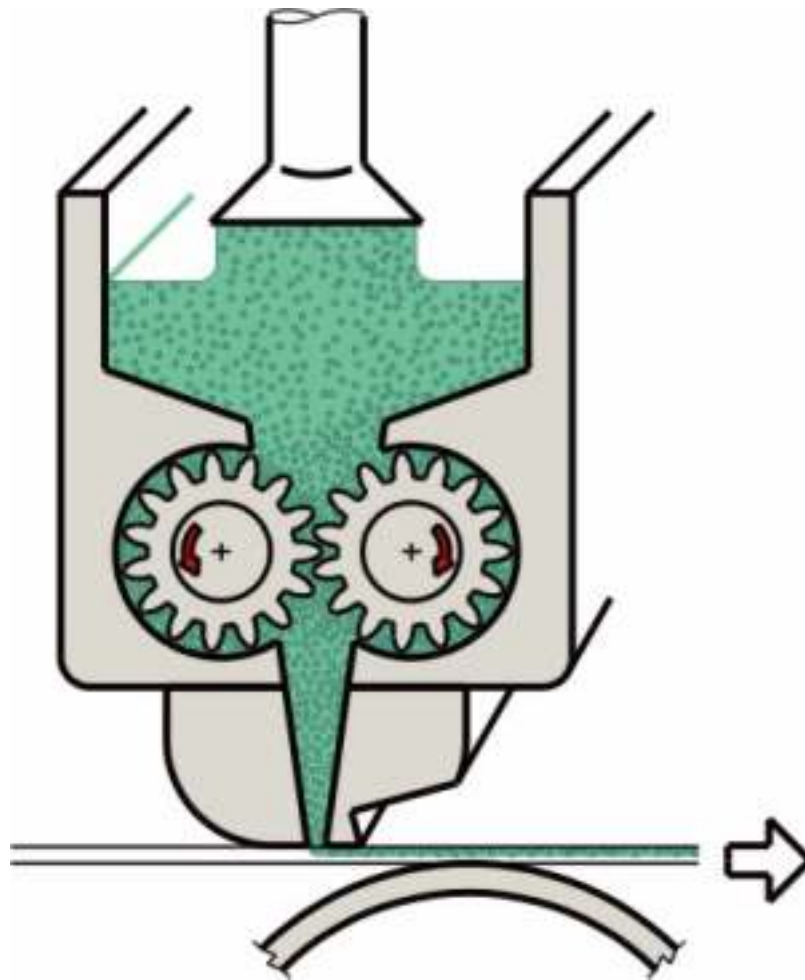
The tooth gears are driven with steplessly adjustable speed and the foam application amount and penetration into the material is determined by the speed of the tooth gears with 100% uniformity and absolutely constant from the first to the last centimeter.



FOAM COATING SYSTEMS

- 1 Horizontal application above roller
- 2 Horizontal application on air
- 3/4 Easy and absolutely precise angle adjustment
- 5 Vertical foam application





Die Zahnwalzen sind angetrieben.
Die Geschwindigkeit ist stufenlos
regelbar.

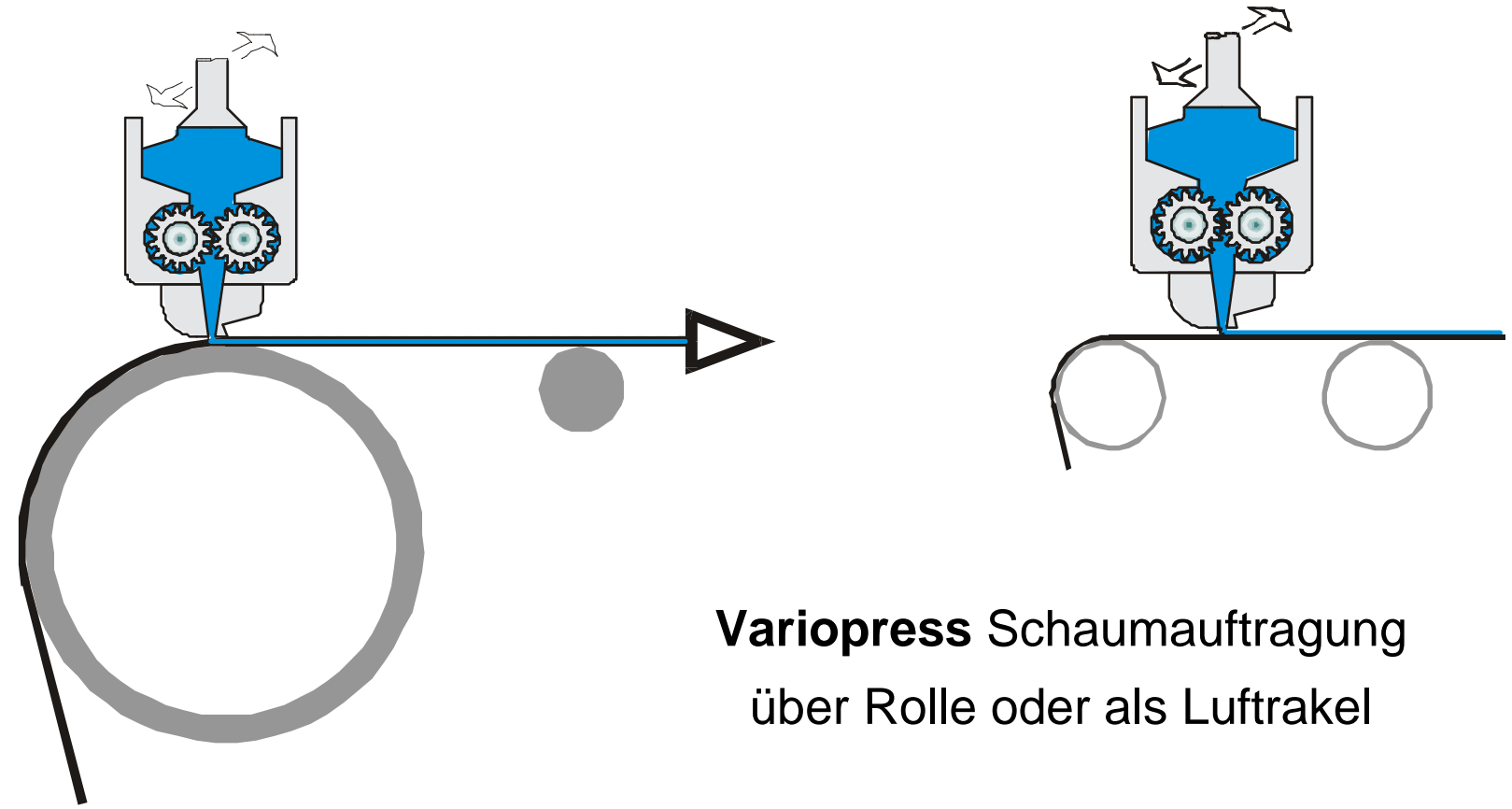
Die Schaumauftragsmenge und die
Penetration in das Material werden
bestimmt durch die Drehgeschwindigkeit
der Zahnwalzen und die Position der
Variopress.

Jedes Resultat ist 100 % gleichmäßig
und absolut konstant vom ersten bis
zum letzten Zentimeter.

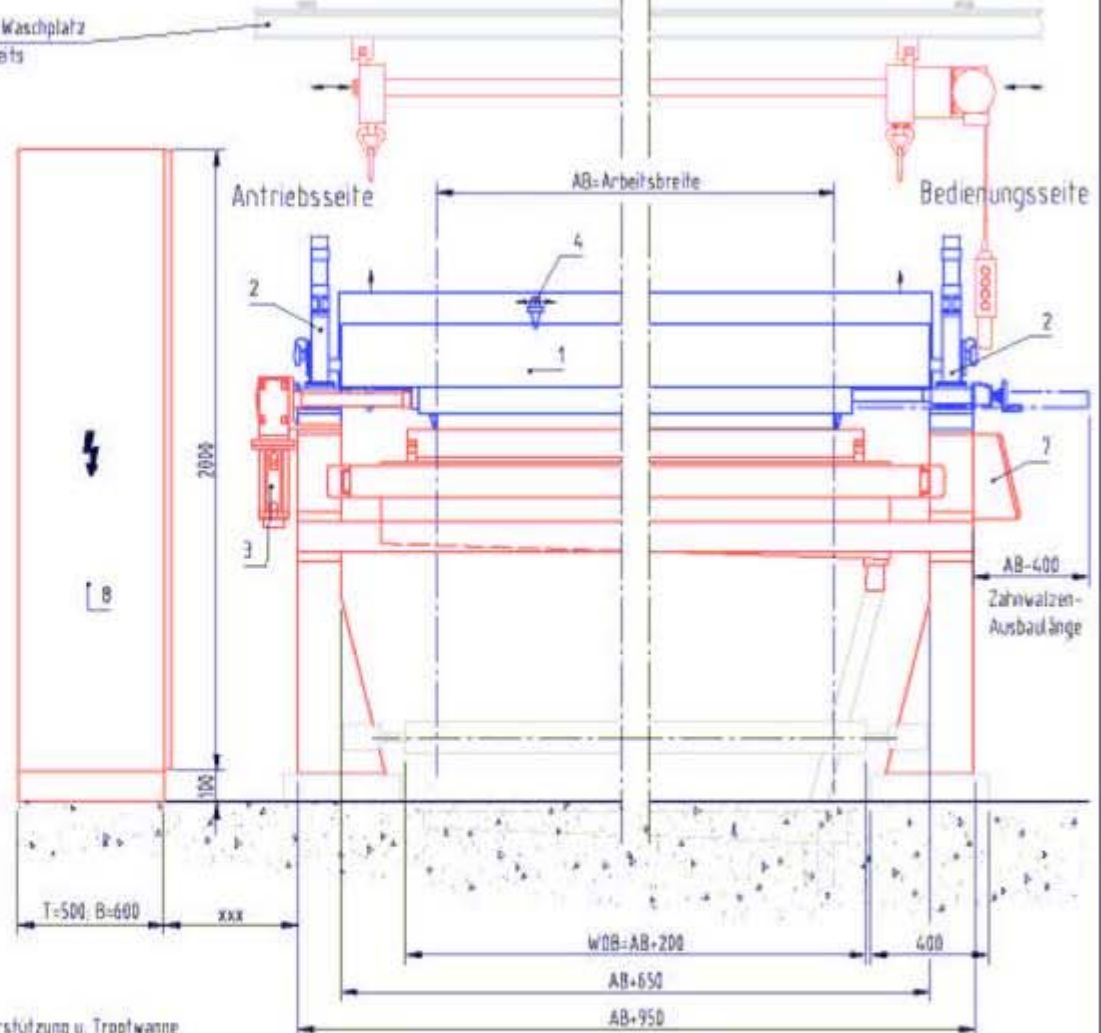
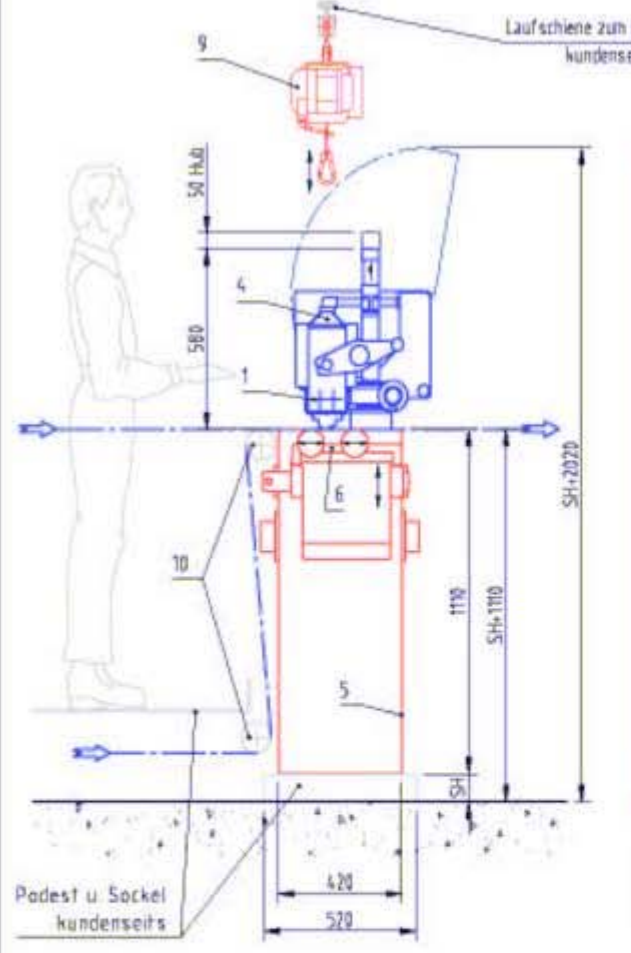
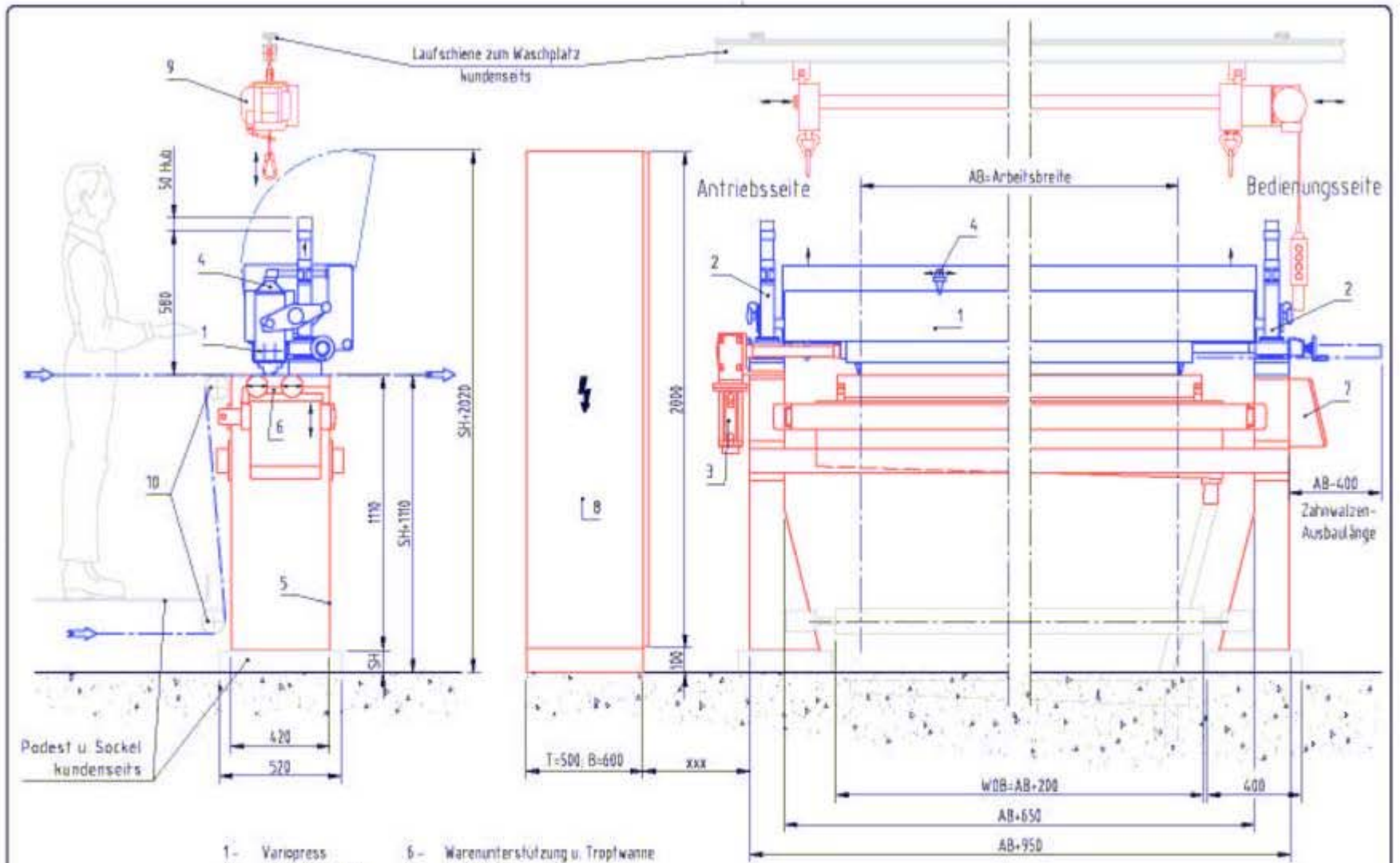


Variopress Schaumauftragungs-Einrichtung
in Arbeitsbreiten von 50 bis zu 550 cm





Variopress Schaumauftragung
über Rolle oder als Luftrakel



- 1- Variopress
- 2- Säulenhalterung
- 3- Antrieb
- 4- Schaumzuführung
- 5- Maschinengerüst
- 6- Warenunterstützung u. Tropfwanne
- 7- Bedienpult
- 8- Schaltschrank
- 9- Aushebe- u. Transporteinrichtung
- 10- Warenlenkwalzen (Option)

Technische Änderungen vorbehalten
subject to technical alterations

Alle Maße in "mm"
all measures in "mm"

Datum: 10.08.2013	Name: G. Stierlin	Version:
Zeichn. Nr.: 219820-001-3		

Schaum-Beschichtungsmaschine Type VARIOPRESS

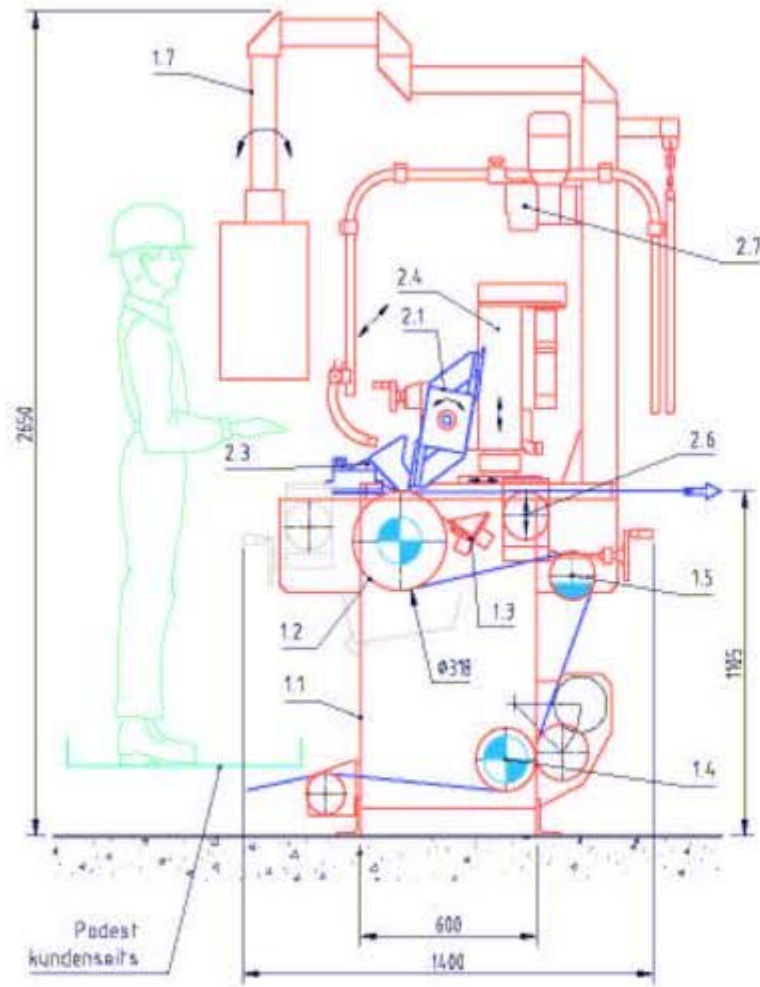
Gebr. ZIMMER
INTERNATIONAL BV
Holland



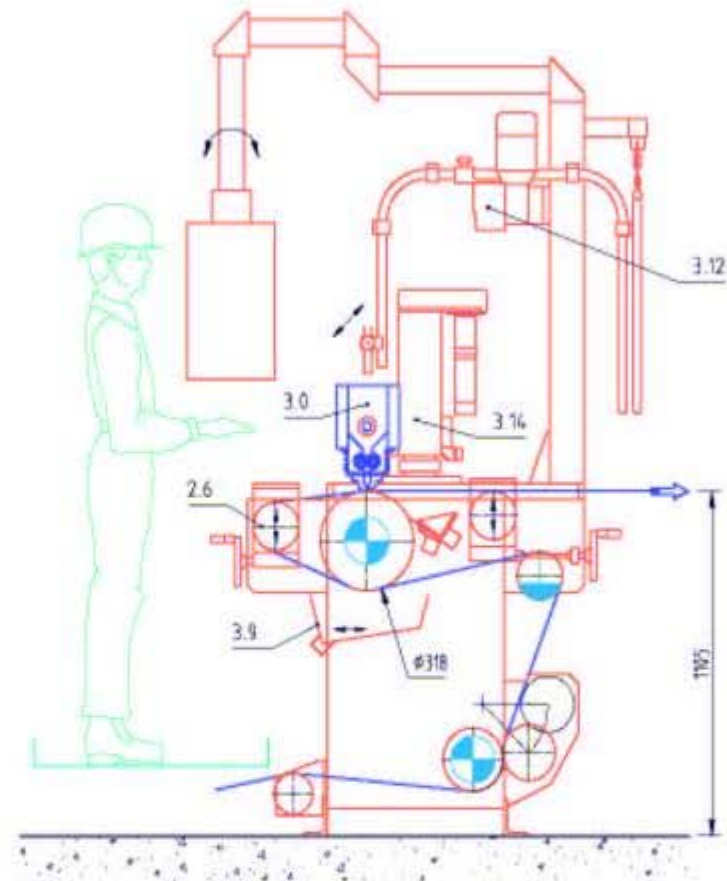
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Datum: 10.08.2013
 Proj. Nr.:
 Name: G. Stierlin
 Version:

ANSICHT mit MKIV



ANSICHT mit VARIOPRESS



Zeichner: G. Scherler
Gepr.:

Datum: 14.05.2003
Prüf.:

Technische Änderungen vorbehalten
subject to technical alterations

Alle Maße in "mm"
all measures in "mm"

Datum: 14.05.2003	Name: G. Scherler
Zeichn. Nr.: 213020-096-3	

Bezeichnung: SCHAUM- UND PASTENBESICHTUNGS-MASCHINE
MKIV-VP

Fabrik: DÖHLER
Brasilien

J. Zimmer
Maschinenbau Ges.m.b.H.

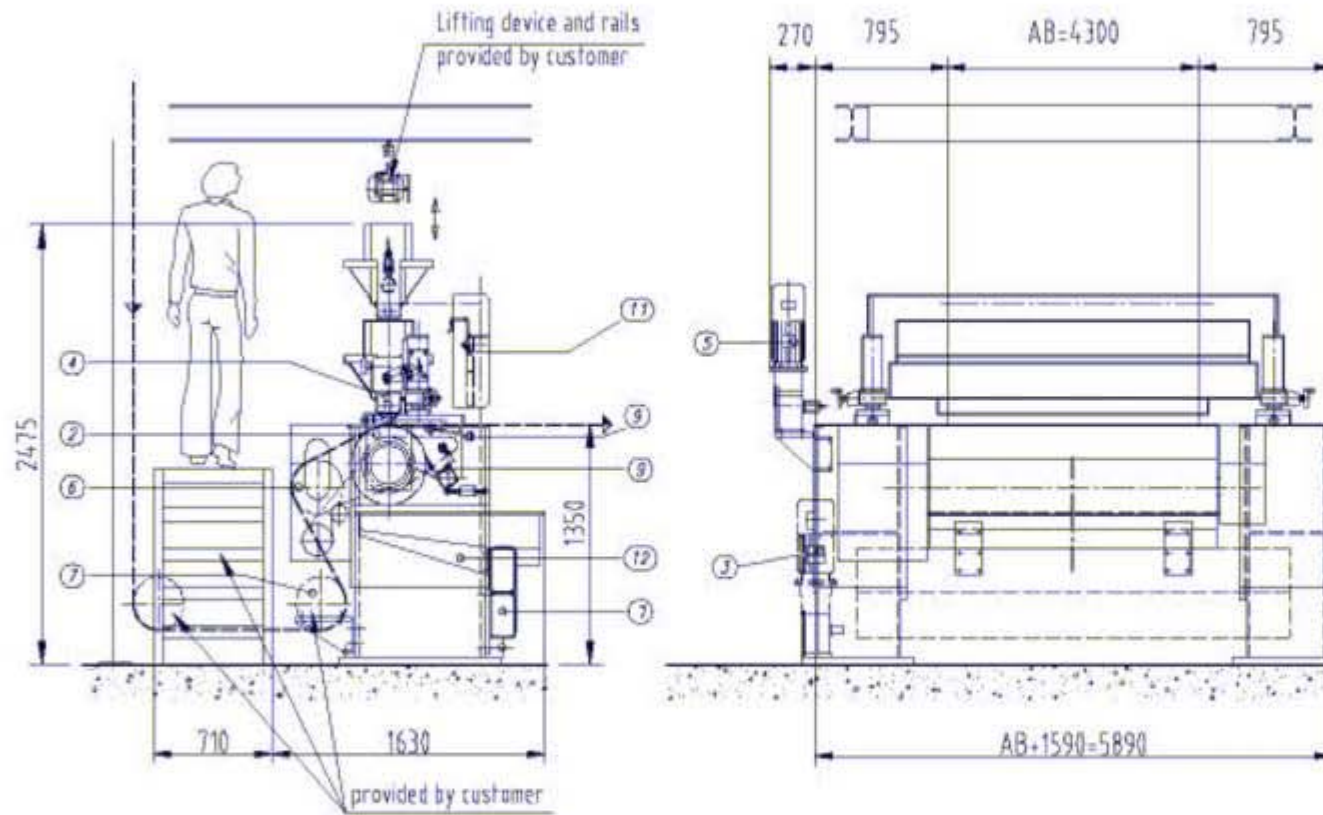
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Datum: 08.10.2003

Name: Ue. Scheriau

Proj.Nr.:

Geprüft:



SPECIFICATION OF DELIVERY:

- 1 - Machine frame
- 2 - Precision roller $\varnothing 450$
- 3 - Drive to Pos 2
- 4 - Variopress device
- 5 - Drive for variopress
- 6 - Guiding roller $\varnothing 305$, driven and height adjustable
- 7 - Bow roller-to be provided by customer
- 8 - 2-column support
- 9 - Cleaning squeegee
- 10 - Cloth support with bow pipe
- 11 - Foam supply electrically driven
- 12 - Water collection trough

Alle Maße in "mm"
all measures in "mm"

Technische Änderungen vorbehalten
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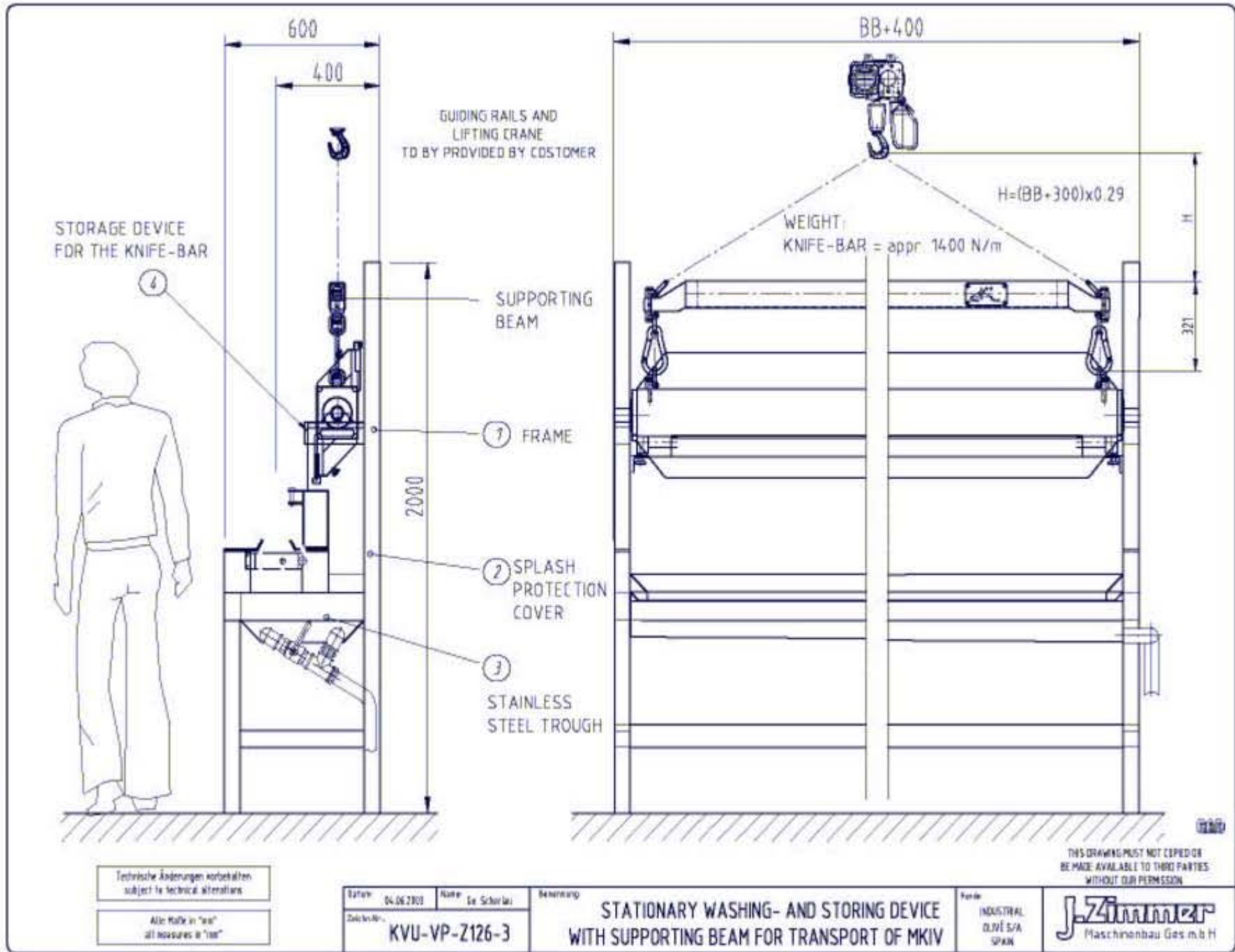
Datum: 08.10.2003 Name: Ge. Scheriau

Zeichn.Nr.: KVV-VP-Z128-4

Benennung: VARIOPRESS COATING MACHINE

Kunde: St. Gobain
France





Name: Dr. Schörlitz
Bezugs-Nr.:

Datum: 04.06.2003
Prüfung:

Technische Änderungen vorbehalten
subject to technical alterations

Alle Maße in "mm"
all measures in "mm"

Datum: 04.06.2003 NAME: Dr. Schörlitz
Bezugs-Nr.: KVV-VP-Z126-3

STATIONARY WASHING- AND STORING DEVICE
WITH SUPPORTING BEAM FOR TRANSPORT OF MKIV

INDUSTRIAL
OLIVE SPA
SPAIN

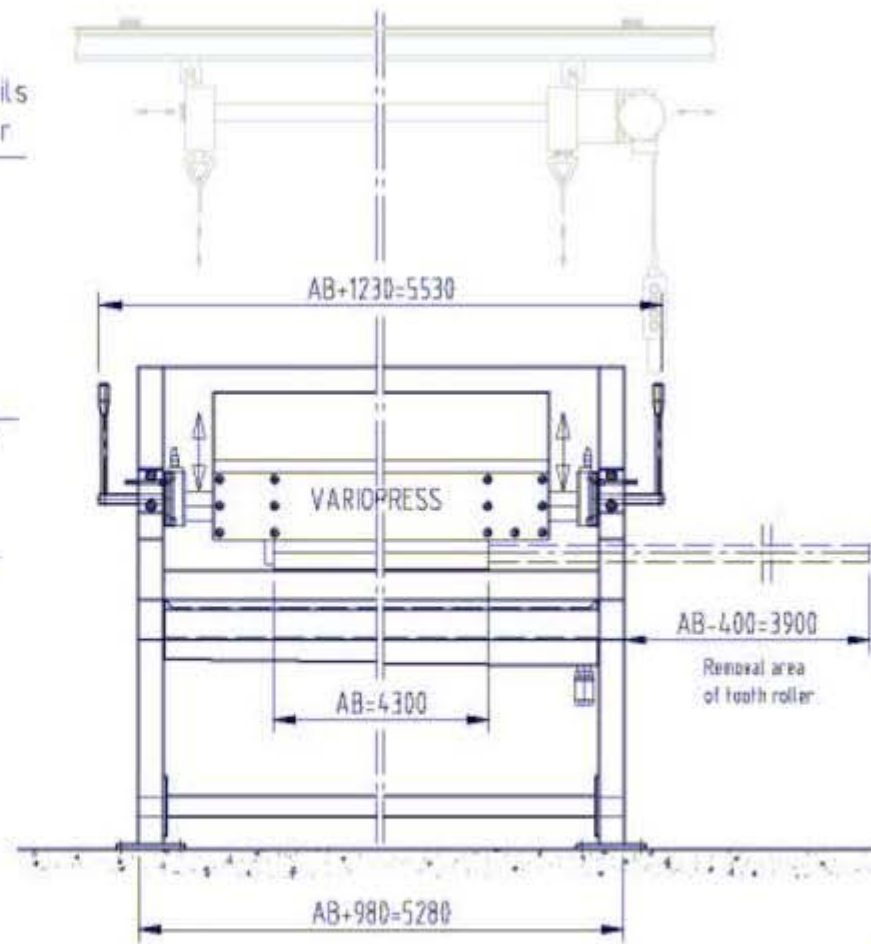
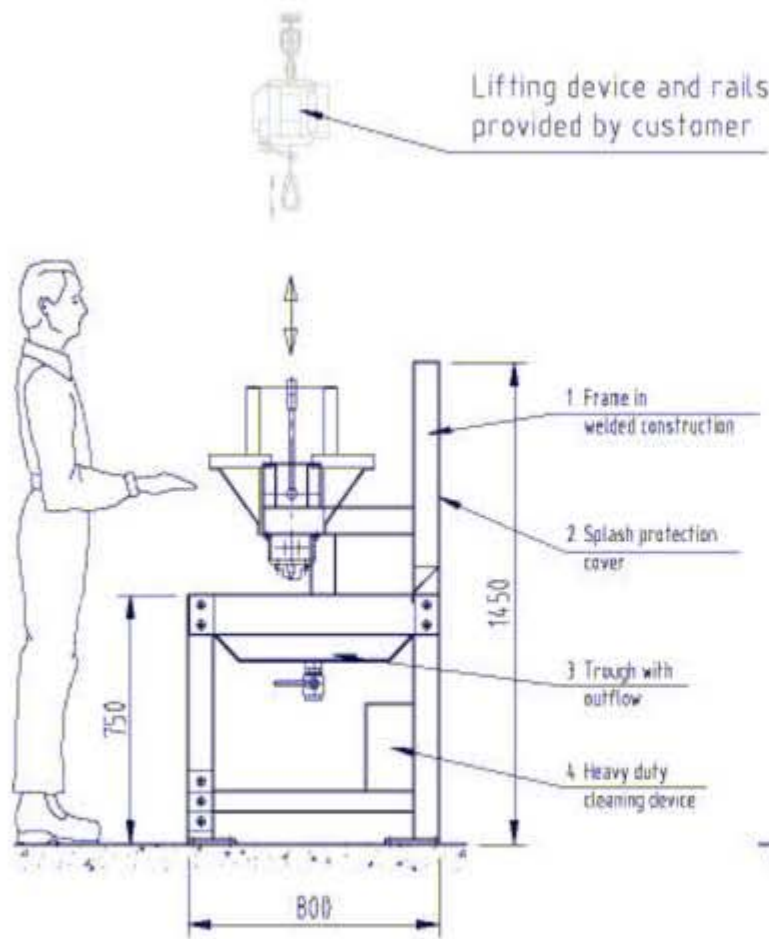
J. Zimmer
Maschinenbau Ges.m.b.H

Datum: 08.10.2003

Name: Ge. Scheriau

Proj. Nr.:

Geprüft:



Alle Maße in "mm"
all measures in "mm"

Technische Änderungen vorbehalten
subject to technical alterations

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Datum: 08.10.2003 Name: Ge. Scheriau

Benennung:

Stationary washing- and storing device
VARIOPRESS

Kunde:
St. Gobain
France

Zimmer
AUSTRIA

Zeichn.Nr.:
KVU-VP-Z127-4

miniROLL

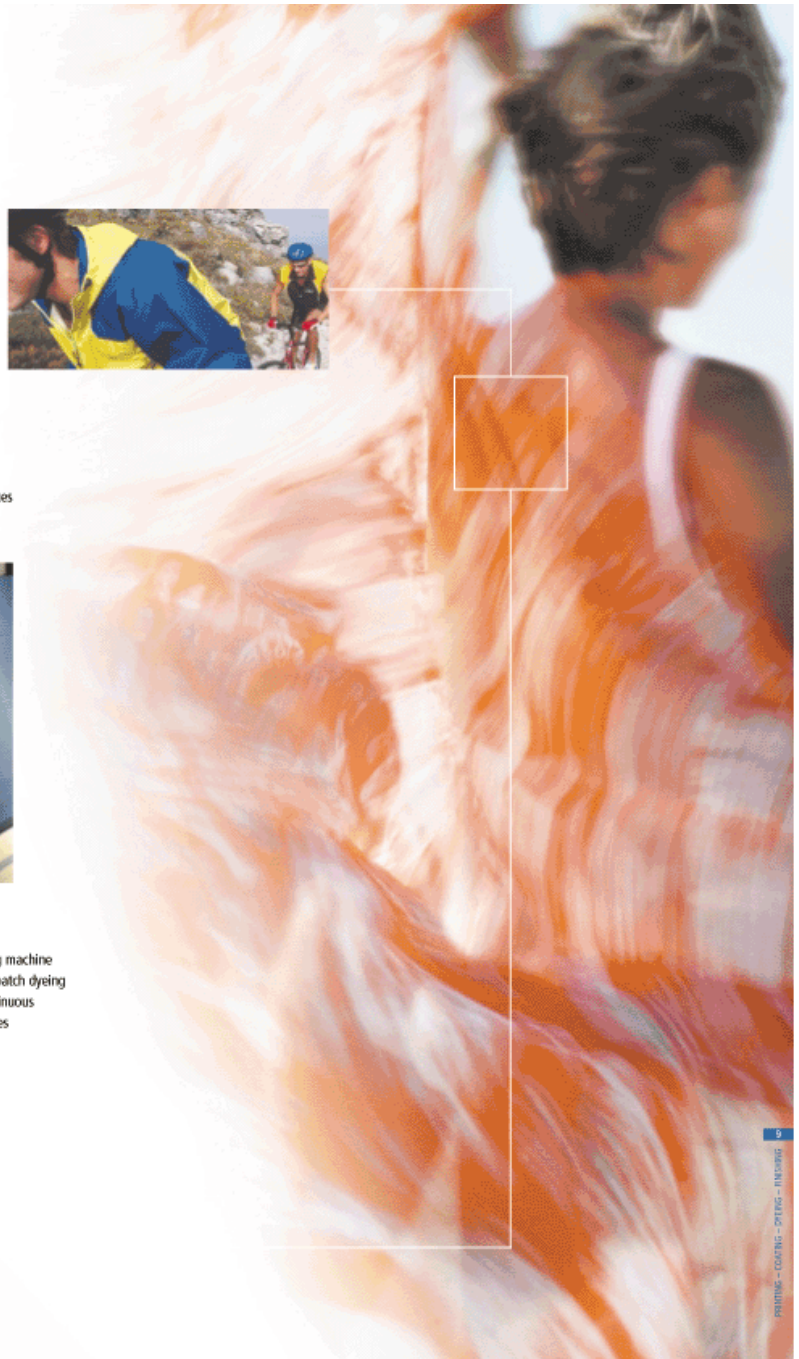
FOULARD DYEING SYSTEM

Mini-Roll Foulard dyeing machine

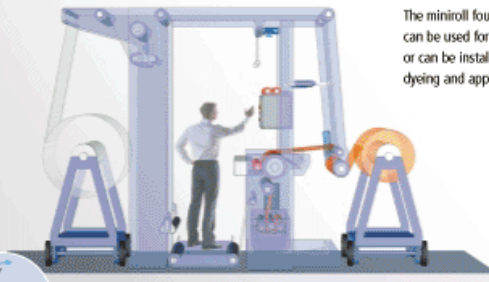
Dyeing and chemical applications with the newly patented most versatile Mini-roller system.
Perfectly uniform pressure adjustment from 50 to 320 cms.



Easy-change Mini-pressure rollers with different surfaces and pressure adjustment system

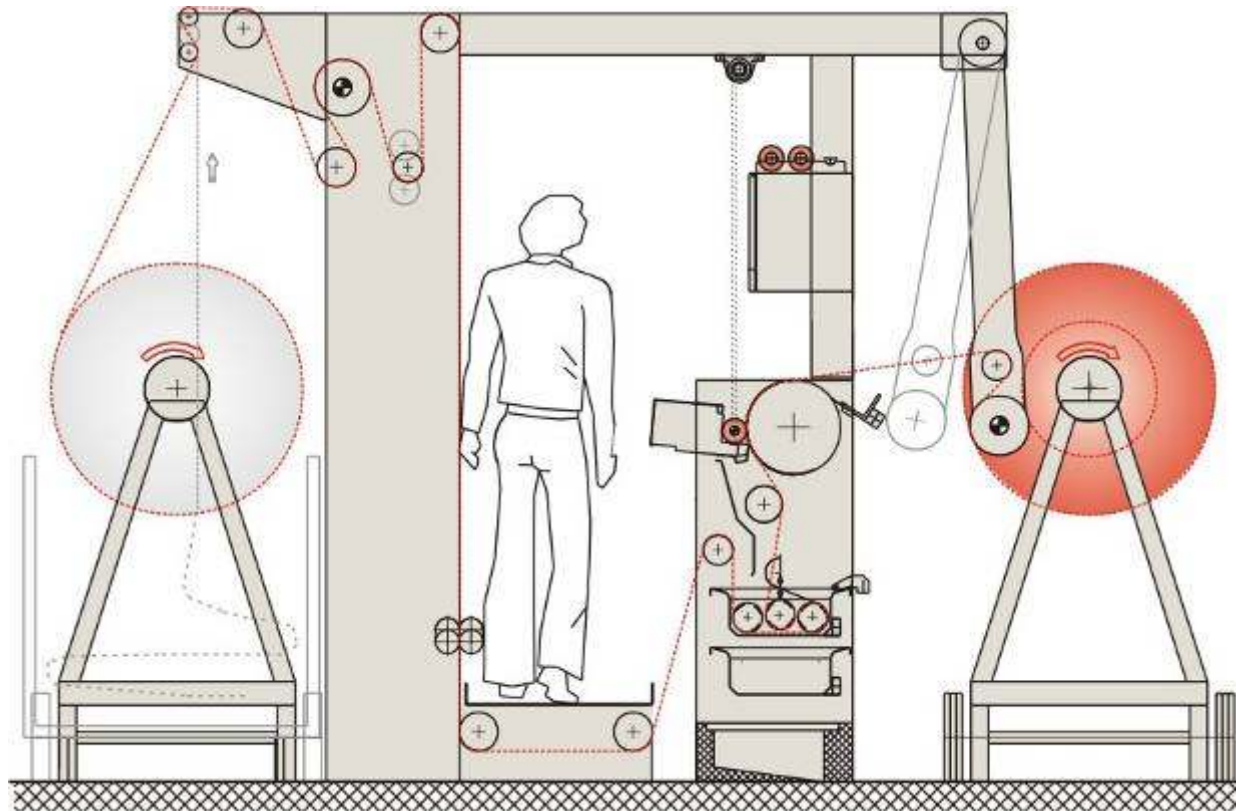


The miniroll foulard dyeing machine can be used for KKV pad-batch dyeing or can be installed in continuous dyeing and application lines

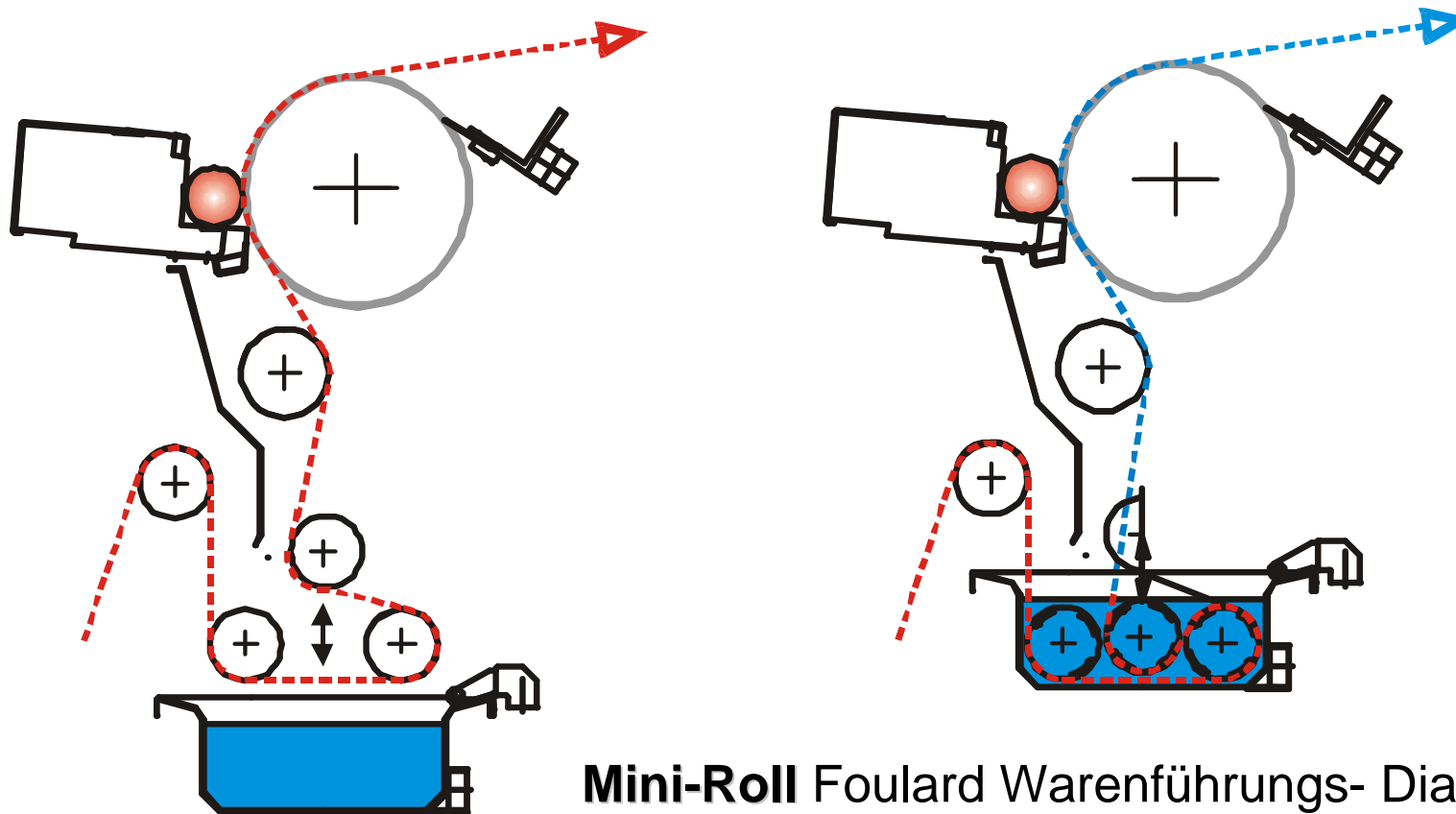


Foulard dyeing



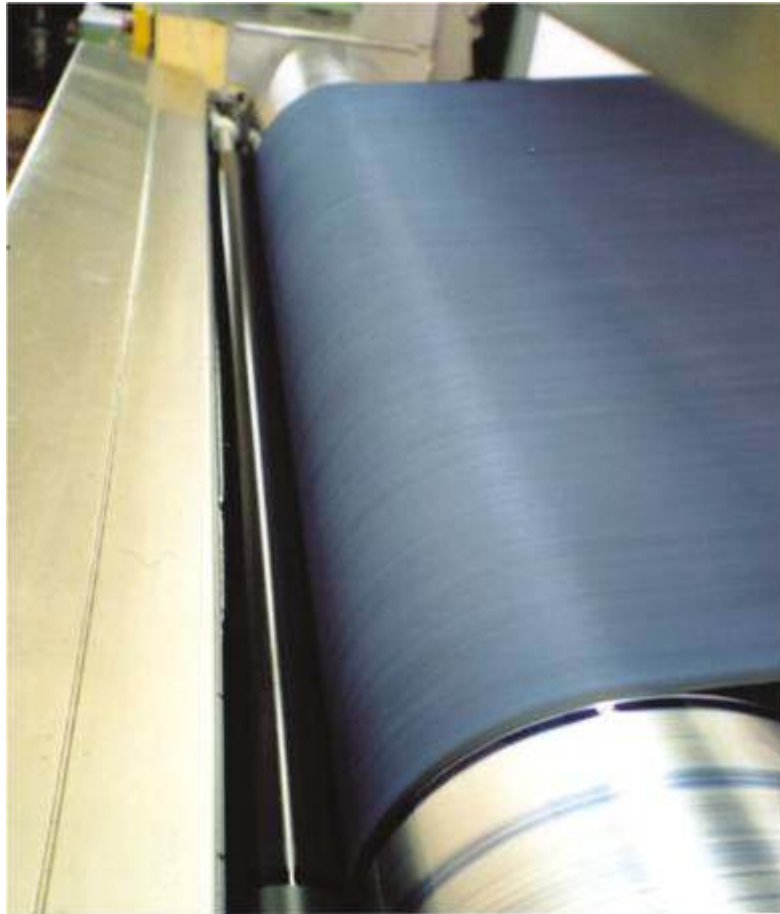


Die **Mini-Roll** Foulard Färbemaschine
mit Abrollung, elektronischen Antrieben,
Steuerung und Aufrollung

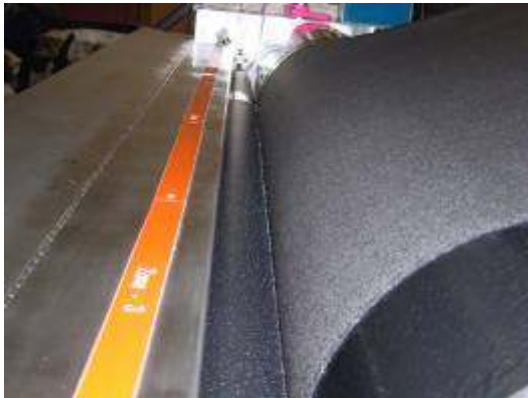


Mini-Roll Foulard Warenführungs- Diagram

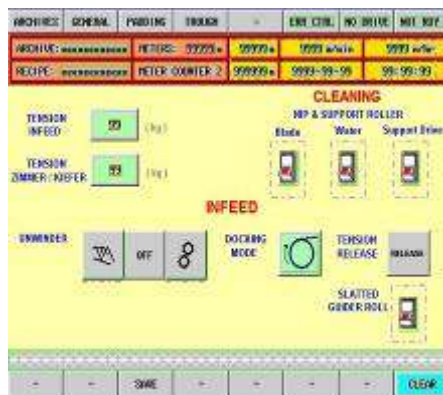




Mini-Roll Foulard Anpresswalze



Touchscreen Anzeige Menüs:



Generell



Meter reset



Padding



Trog



**Verkauf- and Service- Netzwerk
in mehr als 60 Staaten**



Anwendungstechnik Klagenfurt, Austria



**Zentrale
Klagenfurt,
Austria**



Mittlern, Austria



Kufstein, Austria



Vormontage Abteilung in Klagenfurt



Shanghai, China



Spartanburg, USA

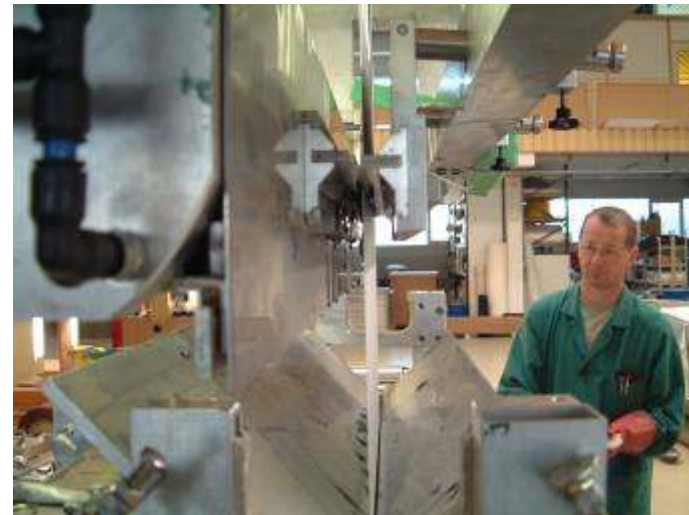


Hongkong, China

R & D



In den Anwendungstechniken in Klagenfurt und Kufstein können Tests und technische Entwicklungen mit Kundenmaterialien durchgeführt werden





Resultate der
**Magnoroll
Labormaschinen**
garantieren
100 %ige
Reproduzierbarkeit
auf den **Magnoroll
Produktions-
Maschinen**

Magnoroll Labormaschine in 50 cm Arbeitsbreite

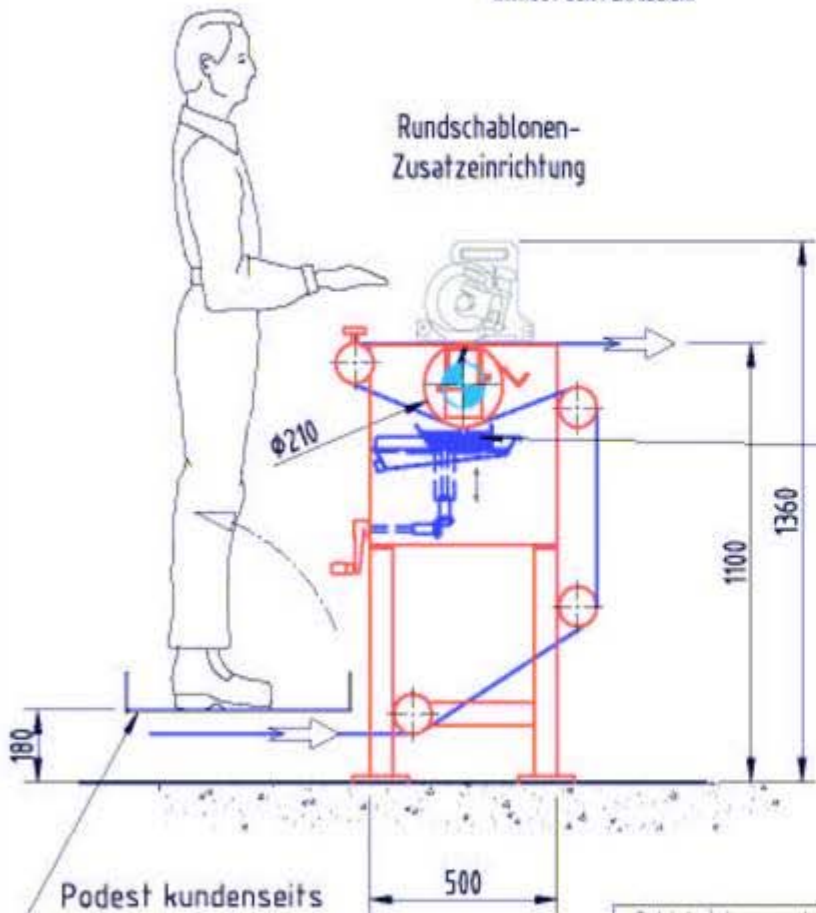
Datum: 17.06.2003

Name: Ge. Scherlau

Prj. Nr.:

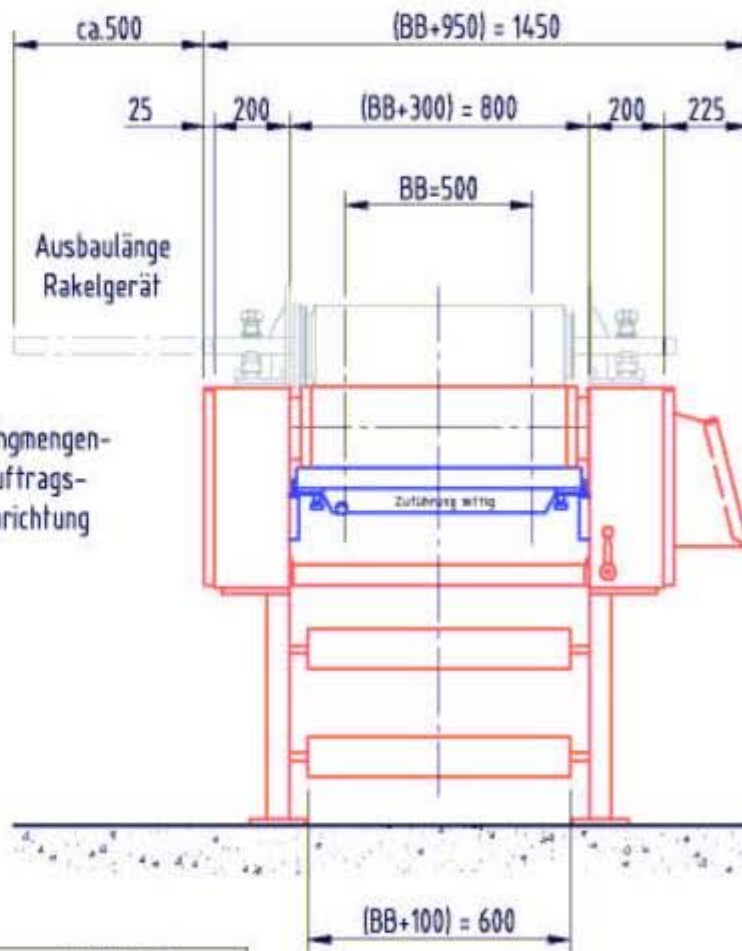
Gepr. Off:

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ANTRIEBSSEITE

BEDIENUNGSSEITE



Technische Änderungen vorbehalten
subject to technical alterations

Alle Maße in "mm"
all measures in "mm"

CS10

Datum: 17.06.2003

Name: Ge. Scherlau

Benennung:

Zeichn. Nr.:

211020-019-4

MAGNOROLL DRUCK- und BESCHICHTUNGSMASCHINE
Type RMR-RS-GMA-Labor

Kunde:
SARNAFIL
INTERNATIONAL AG
Switzerland

J. Zimmer
Maschinenbau Ges.m.b.H



R & D















Mini-MD Labormaschine



60 x 70 cm

60 x 128 cm

60 x 156 cm

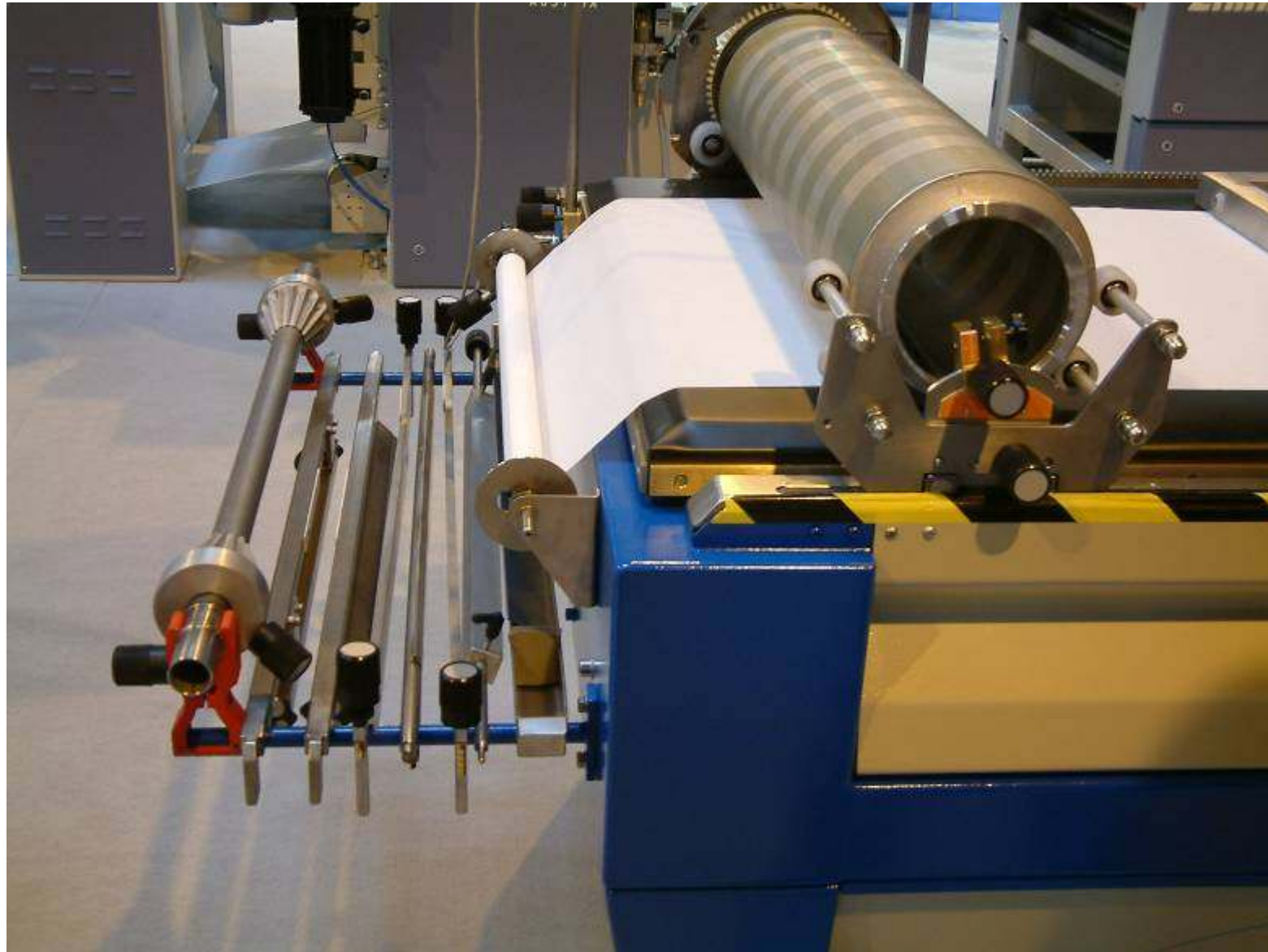
82 x 156 cm

104 x 156 cm

12 m/min

25 m/min

Mini-MD Labormaschine





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**19. Hofer Vliesstoff-Tage
10. und 11. November 2004**

**Vliesstoffe
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Danke für Ihre Aufmerksamkeit

**Johannes P.M. Zimmer & Alfred Habenbacher
J.Zimmer Maschinenbau GmbH Klagenfurt, Austria**