

ROTOCON

PRODUCT PROFILE



CUSTOMERS ALWAYS COME FIRST

Established in 2008, ROTOCON is a family-owned business led by Michael Aengenvoort and sons, Marco, Pascal and Patrick, who all completed their engineering studies in Europe and have cut their teeth and grown up in the labelling and narrow web industry. Collectively, the quartet has 88 years of hands-on experience and intimate knowledge of label printing and finishing machines, accessories, and consumables, enabling them to offer customers a tailor-made turnkey solution.



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ROTOCON RFP S-SERIES FLEXO PRESS



Modular sleeve-based flexographic printing press with triple-servo precision, fast job changeovers and top-quality results. Speeds up to 200 m/min and 350, 450, 530, and 660 mm web widths.

German engineering. Global performance.

The ROTOCON RFP triple-servo sleeve flexographic printing press is the ultimate solution for printers seeking exceptional print quality and maximum efficiency. Its modular sleeve-based design and intuitive operation integrate cutting-edge technology for seamless production and outstanding results.

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ROTOCON RFP S-SERIES FLEXO PRESS



Fast job changeovers, minimal material waste, and upgradeable features make this press a sustainable, future-proof investment for the printing industry.

RFP Triple-Servo Sleeve – High-Quality Label Printing

The RFP triple-servo sleeve flexo press is our latest, cutting-edge machine, specifically designed to produce high-quality labels on a variety of materials.

Exceptional Versatility

Whether printing on film, aluminium, or paper, this machine delivers outstanding results across all substrates.

Efficient, Cost-Effective Design

Engineered for maximum efficiency, the RFP triple-servo sleeve press features a compact design and a short web path, significantly minimising material waste and ensuring a cost-effective production process.

Precision and Control

The RFP S version is equipped with a gear sleeve and fully servo-driven technology. Each printing unit is powered by two servo motors: one for the impression roller and one for the anilox roller. This setup ensures precise control over ink distribution, resulting in consistent prints while reducing ink waste.

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RFP S-SERIES FLEXO PRESS 350S • 450S • 530S • 660S



Die Cutting / Matrix Removal



Unwind Unit/ Roll Lift



Touch Screen



Sleeve system with three servos



Delam-/Relam



Printing Sleeve

MAIN TECHNICAL PARAMETERS

RFP S-Series (Sleeve)

Maximum Mechanical Speed	200 m/min
Maximum Printing Width	340 mm, 440 mm, 520 mm, 650 mm
Maximum Web Width	350 mm, 450 mm, 530 mm, 660 mm
Unwind Diameter	1050 mm
Rewind Diameter	1051 mm
Print Repeat Range	254–635 mm (10–25 inches)
Material Thickness	15–450 µm
Loading Method	Sleeve
Drying System	UV LED (others on request)
Power Supply	400 V, 50 Hz, 3P/N/PE
Turnbar (on rail system)	Optional
Delam-/Relam (on rail system)	Optional
Corona Treatment	Optional
Dust Removal (Web Cleaner)	Optional
BST Webguide	Optional
BST Monitor	Optional

FEATURES

Servo-Driven Precision

Independent servo motors ensure high accuracy and superior print quality

Modular Automation Design

Expandable with smart modules tailored to evolving production needs

High-Speed Efficiency

Up to 200 m/min with minimal material waste and fast throughput

Options

- Flexo printing
- Rotary screen printing
- Hot foil embossing
- Rotary die cutting unit
- Rotary embossing unit
- Cross-cutting unit
- Sheeter systems with a delivery unit
- Rail system available
- Cold foil
- Lamination
- Web-turn system
- Reverse-side printing
- Multi-layer and booklet labels
- Chiller systems for filmic materials
- ROTOCONNECT Service Module

Smart Control Interface

Intuitive touchscreen simplifies operation and job setup

Versatile Print Integration

Supports foil, lamination, rotary screen, and other enhancement units

Connected Support System

Includes ROTOCONNECT for remote service and performance monitoring

Scalable System Architecture

Easily expandable to match future production growth



Cold Foil / Register Lamination



Turnbar

ROTOCON RFP C-SERIES FLEXPRESS



Modular cylinder-based flexographic printing press with dual servo-driven precision, fast job changeovers, and top-quality results. Speeds up to 200 m/min with web widths of 350, 450, 530, and 660 mm.

German engineering. Global performance.

The ROTOCON RFP C Series dual-servo cylinder-based flexo press is engineered for high-quality label production across a wide range of materials. Whether printing on film, aluminium, or paper, it delivers exceptional versatility, consistent precision, and top-tier results.

Modularity Meets Flexibility

The RFP C Series sets a new standard for versatility. With its modular design, printers can strategically invest in performance-enhancing features tailored to their applications and budgets. Automation solutions and value-adding modules can be seamlessly integrated and activated at the touch of a button.

Maximum Productivity, Minimum Waste

In a highly competitive market, every second counts. That is why the RFP C Series is designed to enable fast job changes, efficient material usage and minimal waste. This ensures optimal cost-effectiveness and supports sustainable production.

Future-Proof for Your Needs

With the RFP C Series, you stay ahead of the curve today and into the future. The machine grows with your requirements and can be expanded at any time to help you seize new market opportunities. Boost your productivity, optimise your processes, and achieve the highest print quality.

The advanced sleeve printing system is equipped with fully servo-driven technology. Each printing unit is powered by three servo motors: one for the sleeve cylinder, one for the impression roller, and one for the anilox roller.

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RFP C-SERIES FLEXO PRESS 350C • 450C • 530C • 660C



Die Cutting / Matrix Removal



Unwind Unit/ Roll Lift



Touch Screen



Cylinder system with two servo motors



Delam-/Relam



Printing Cylinder with Gear

MAIN TECHNICAL PARAMETERS

ROTOCON RFP C-series (Cylinder)

Maximum Mechanical Speed	200 m/min
Maximum Printing Width	340 mm, 440 mm, 520 mm, 650 mm
Maximum Web Width	350 mm, 450 mm, 530 mm, 660 mm
Unwind Diameter	1050 mm
Rewind Diameter	1051 mm
Material Thickness	254–635 mm (10–25 inches)
Print Repeat Range	15–450 µm
Loading Method	Cylinder
Drying System	UV LED (others on request)
Power Supply	400 V, 50 Hz, 3P/N/PE
Turnbar (on rail system)	Optional
Delam-/Relam (on rail system)	Optional
Corona Treatment	Optional
Dust Removal (Web Cleaner)	Optional
BST Webguide	Optional
BST Monitor	Optional

Options

- Flexo printing
- Rotary screen printing
- Hot foil embossing
- Rotary die cutting unit
- Rotary embossing unit
- Cross-cutting unit
- Sheeter systems with a delivery unit
- Rail system available
- Cold foil
- Lamination
- Web-turn system
- Reverse-side printing
- Multi-layer and booklet labels
- Chiller systems for filmic materials
- ROTOCONNECT Service Module

FEATURES

Versatile Material Compatibility

Suitable for printing on film, aluminium, and paper

Modular Automation Design

Expandable with smart modules tailored to evolving production needs

High-Quality Output

Engineered to deliver consistent, top-tier print results

Smart Control Interface

Intuitive touchscreen simplifies operation and job setup

Connected Support System

Includes ROTOCONNECT for remote service and performance monitoring

Precise Ink Control

Servo-driven technology ensures accurate ink distribution, helping maintain consistent print quality while reducing ink waste



Cold Foil / Register Lamination



Turnbar

ROTOCON

PRINTING & CONVERTING HYBRID SOLUTION

Experience the best of both worlds with the ROTOCON Hybrid Solution: flexo precision meets digital flexibility, delivering versatile, high-quality label printing in 340, 430, and 530 mm web widths.

ROTOCON Hybrid Solution – The Best of Both Worlds

The ROTOCON Hybrid Solution redefines flexibility and efficiency in label and packaging printing. By seamlessly integrating conventional flexo with state-of-the-art digital inkjet technology, this hybrid press offers unparalleled versatility to meet evolving market demands.

One Pass – Complete Production

With the Hybrid Solution, printing and converting happen in a single pass. This ensures greater efficiency, faster turnaround times, and reduced material waste—all while delivering exceptional print quality.

Digital Flexibility

The integrated digital inkjet unit enables short-run production, variable data printing, and rapid job changes, giving printers the agility they need in today's fast-paced industry.

Precision Flexo for PMS Colours & More

The flexo printing unit ensures colour accuracy and expanded creative possibilities for spot colours, high-opacity whites, and specialty applications. Whether for short runs, personalised designs, or high-volume production, the ROTOCON RI-LINE Hybrid Solution combines the best of digital and flexo printing to maximise productivity and profitability. Are you ready to take your printing capabilities to the next level? The ROTOCON RI-LINE Hybrid is your all-in-one solution.



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HYBRID SOLUTION

MAIN TECHNICAL PARAMETERS



Die Cutting / Matrix Removal



Unwind Unit/ Web Guiding



HMI



Printing Unit

RFP Hybrid Solution

Maximum mechanical speed	200 m/min
Maximum printing width	340 mm 430 mm 530 mm
Maximum web width	350 mm 460 mm 540 mm
Maximum unwind diameter	1050 mm
Maximum rewind diameter	1051 mm
Print material thickness	15 – 450 µm / 10 – 25 inch
Loading method	Sleeve or Cylinder
Dryer	UV LED (other options available)
Power supply	400 V, 50 Hz, 3P/N/PE
Turnbar (on rail system)	Standard
Delam-/Relam (on rail system)	Standard
Corona treatment	Standard
Dust removal (web cleaner)	Standard
BST webguide	Standard
BST monitor	Standard

FEATURES

- Integrated flexo unit for PMS colors and specialty applications
- Digital inkjet module for variable data and short runs
- Single-pass printing and converting for maximum efficiency
- Fully servo-driven for precision
- Modular design for future upgrades
- Standard finishing and converting options included
- UV LED drying system



Delam-/Relam



Printing Sleeve



Cold Foil



Turnbar

ROTOCON

RDF DIGITAL PRINTED LABEL CONVERTING & FINISHING SYSTEM

Modular converting and finishing system available in 340, 430, and 530 mm web widths with semi-rotary die cutting, hot stamping, silk screen, and embossing. Ideal for digital label enhancement.

The ROTOCON RDF Series is a robust, modular digital converting and finishing system for premium label production, available in 340, 430, and 530 mm

web widths. Combining semi-rotary and flatbed technologies, it delivers high-quality embellishments such as silk screening, hot and cold foil, embossing, multilayer labels, in-mould labelling, and precise die cutting. Fully expandable, the platform grows with your business – from simple converting to complex hybrid workflows – with options to suit every functional process.

FEATURES

Modular Finishing Design

Customizable setup for converting and embellishment

Hybrid or Offline Workflow

Seamless inline or near-line integration with digital presses

Semi-Rotary Flexibility

Supports semi-rotary printing and die cutting

Flatbed Embossing Unit

Enables premium texture and tactile effects

Silk Screen Embellishment

Precise flatbed screen for raised or specialty inks

Hot Foil Capability

Add value with inline flat hot foil stamping

Expandable Embellishments

Add cold foil, booklet, and lamination modules on demand

Digital-Ready Platform

Fully compatible with modern digital print engines

Specifications:

Available Web Widths: 350 mm, 450 mm, 530 mm

Flexo Printing: full/semi-rotary

Die Cutting Method: rotary, semi-rotary & flatbed

Hot Foil Stamping / Embossing: flatbed unit

Screen Printing: flatbed silk screen unit (optional)

Cross-Cutting Unit

Sheeter Systems with Delivery Unit

Rail System / Modularity: expandable with rail-based units

Cold Foil

Lamination

Web-Turn Mechanism

Reverse-Side Printing

Fully Automatic Knife Systems

Multi-Layer and Booklet Labels Option

Print Embellishment: digital, foil, embossing

Digital Hybrid Solutions

Compatible Workflows: inline with digital press or offline

Power Supply: 380 V, 3P, 50/60 Hz



ROTOCON

RSI SLITTING, REWINDING & INSPECTION SYSTEM



Discover the RSI, available in 350, 450, 530, and 660 mm web widths: compact, servo-driven systems for label slitting, rewinding, and inspection at speeds of up to 300 m/min. Efficient, accurate, and operator-friendly.

The RSI is a cost-efficient, high-performance slitting, inspection, and rewinding system designed to enhance productivity and simplify operation.

Engineered with fully servo-driven control on the unwind, rewind, and draw stations, it delivers smooth, silent performance with exceptional tension accuracy and an output rate of up to 300 m/min. Its user-friendly interface features intuitive smartphone-style navigation icons for quick operator training and effortless setup. The stringent web control and management system ensures 100% accuracy while keeping maintenance requirements low.

MAIN TECHNICAL PARAMETERS

Available Web Widths	350 mm, 450 mm, 530 mm, 660 mm
Maximum Speed	300 m/min
Unwind Diameter	710 mm
Rewind Diameter	450 mm
Unwinding	Automatic roll-end stop + splicing table
Slitting Accuracy	± 0.2 mm
Slitting System	6 razor blades (standard)
Web Tracking	Ultrasonic roll diameter monitoring
Counting Modes	Totalised, linear, individual label
Control System	Compact and servo-integrated

Available options: stroboscope inspection, crush knife slitting, razor slitting, dual rewind, separated waste winder, turret system

FEATURES

Easy operation and user-friendly interface

Designed for intuitive control and minimal operator training

Fully servo-driven for precision and low maintenance

Servo technology ensures accurate performance with reduced upkeep

Cost-effective with a powerful standard feature set

Offers excellent value without sacrificing essential capabilities

Web tension automation

Automated tension control for consistent web handling

Compact footprint, ideal for tight spaces

Space-saving design perfect for limited floor areas

Suitable for pharmaceutical and general label applications

Versatile system built to meet stringent pharma and general labeling standards

ROTOCON

RSH SLITTING, REWINDING & INSPECTION SYSTEM



The RSH slitting, inspection, and rewinder machine, available in 350, 450, and 530 mm web widths, features a horizontal layout, ultrasonic guidance, and precision tension control.

The RSH is a fully servo-driven horizontal slitting and inspection rewinder designed for efficient and versatile label roll processing. With a compact footprint, fast setup times, precise servo-controlled

tension handling, and an easy-to-use control panel, it is particularly well-suited to booklet labels, pharmaceutical applications, and high-accuracy label finishing. Its open machine design and operator-friendly layout ensure smooth, consistent performance across a wide range of substrates.

MAIN TECHNICAL PARAMETERS

Available Web Widths	350 mm, 450 mm, 530 mm
Web Guidance	Ultrasonic web guide system
Slitting Accuracy	± 0.2 mm
Roll Tracking	Ultrasonic diameter monitoring
Tension Control	On unwind and rewind
Draw Station	Inverter-controlled
Splicing Station	Unwind table with roll-end stop
Counting	Linear and individual label count
Application Focus	Booklet handling, pharma, label converting
Layout	Horizontal configuration for operator convenience

Available options: stroboscope inspection, crush knife slitting, razor slitting, dual rewind, separated waste winder, turret system

FEATURES

Horizontal machine layout for ergonomic access
Designed to provide easy and comfortable operator interaction

Ultrasonic web guide and roll tracking
Accurate web positioning and real-time roll diameter monitoring

Precise tension control on both unwind and rewind
Ensures consistent web handling throughout the process

Compact and space-saving design
Optimized footprint for efficient use of floor space

Ideal for complex formats like booklet labels
Supports advanced label formats with high precision

Inverter-based draw station for stable web handling
Reliable web draw control via inverter technology

Simple, intuitive operator interface
User-friendly controls for efficient machine operation

ROTOCON

4-SPINDLE TURRET REWINDER WITH HOTMELT GLUE OR GLUELESS OPERATION

The ROTOCON Automatic 4-Spindle Turret Rewinder with hotmelt glue or glueless operation keeps finishing lines moving with continuous rewinding and automatic roll changeover, allowing operators to unload finished rolls and prepare new cores without stopping production and reducing costly setup and changeover times.

It delivers superior winding performance across a wide range of substrates, making it the ideal

solution for converters seeking maximum uptime and long-term reliability. Fast, precise, and clean, the ROTOCON 4-Spindle Turret Rewinder is especially suited for labels produced on heat-sensitive substrates or using heat-sensitive inks, finishes, or decorations.

The innovative glueless starting technology for web-to-core fixing eliminates the need for adhesive, saving costs while guaranteeing clean, glue-free rolls and a tidy working environment.



MAIN TECHNICAL PARAMETERS

Feature	Hotmelt Glue Operation	Glueless Operation
Max. working web width	350 mm, 450 mm, 530 mm	530 mm
Max. rewind diameter	350 mm	260 mm
Min. lane width	60 mm	40 mm
Max. speed	Up to 150 m/min*	Up to 150 m/min*
System type	Automatic hotmelt glue system	Glueless system
Finished roll unloading	Included	Included
Core alignment & loading	Automatic	Automatic

*Max. speed depends on options, material, and application.

Requirement	Hotmelt Glue Operation	Glueless Operation
Power supply	380 V, 3P/N/PE, 16 kW, 25 A, 50/60	380 V, 3P/N/PE, 10 kW,
Compressed air	Hz	16 A, 50/60 Hz
Network connection	6–8 bar	6–8 bar
	Required	Required

STANDARD CONFIGURATION INCLUDES (BOTH VERSIONS):

- Clear-on-clear sensor
- Interface for other presses, including start, stop, jog, slow down, and safety interface
- Lenze servo drive
- Electronic web tension control
- Finished roll collection
- Mandrel constant end support
- Quick-change mandrel function
- Manual slitting unit with 10 knives
- Electronic web guide
- Automatic core loader
- Automatic bowl feeder complete with escapement to suit one range of cores (1"–1.5")
- Web edge trim extraction
- 4 rewind spindles: 25.4 mm; 38.1 mm; 76.2 mm

ROTOCON

NSU NON-STOP UNWIND SOLUTION
350 • 450 • 530 • 660



A new generation of non-stop unwind equipment utilising the latest servo technology for unrivalled web tension control, available in web widths: 350, 450, 530, and 660 mm.

Non-stop unwinding solution for label converting, flexible packaging, and narrow web applications. The NSU – Automatic Servo Non-Stop Unwind features full closed-loop tension control and an interfaced package compatible with any ROTOCON or third-party machinery.

MAIN TECHNICAL PARAMETERS

Specifications	350 mm	450 mm
Splicing Speed	150 m/min	150 m/min
Working Speed	180 m/min	180 m/min
Maximum Diameter	1000 mm	1000 mm
Shaft Diameter	3" (6" optional)	3" (6" optional)
Roll Weight	350 kg	425 kg
Tension Range	30–200 N	30–250 N
Cutting System	Rolling shear	Rolling shear
Notes	All platforms and all substrates	All platforms and all substrates

Specifications	530 mm	660 mm
Splicing speed	150 m/min	150 m/min
Working speed	180 m/min	180 m/min
Maximum diameter	1000 mm	1000–2000 mm
Shaft diameter	3" (6" optional)	3" (6" optional)
Roll weight	550 kg	500-1000 kg
Tension range	40–300 N	50–350 N
Cutting system	Rolling shear	Rolling shear
Notes	All platforms and all substrates	All platforms and all substrates

ROTOCON

PRO MOUNT PLATEMOUNTER

An entry-level machine designed to tick three boxes: affordability, ease of operation, and maximum precision with highly repeatable accuracy for operators manually mounting printing plates.

The 650-line camera achieves a 70x amplification ratio, delivering clear, bright images that substantially improve plate-mounting precision via a 482.6 mm high-resolution display.



Specifications:

- Max plate cylinder length: 600 mm
- Max plate cylinder diameter: 800 mm
- Voltage: 220 V (one-phase, 50-60 Hz)

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PRO CLEAN ANILOX ROLLER CLEANER

This ultrasonic anilox roller cleaner efficiently and quickly removes all types of ink and dirt from anilox cells of any line count. It is equipped with a roller-swivelling wheel and a constant-temperature heating system, reducing 'hot spots' in the liquid that can create high-intensity power levels and potentially damage components.

Ultrasonic cleaning converts electrical energy into kinetic energy without generating dust or sewage, making it a more environmentally friendly method. It uses a cleaning fluid to enable easier removal of dirt from micro-holes.

The cleaning process is simple: after inserting the anilox roller into the cleaning tank filled with cleaning fluid, the operator presses the cleaning button. Depending on the anilox cell configuration, different sizes of customised cleansers can be selected, and the operator can switch between single- and double-frequency cleaning.

At 40 kHz, single-frequency cleaning is stable, reliable and thorough. After removing ink or stubborn dirt with low-frequency cleaning, multiple frequencies enable highly precise cleaning of the anilox cells.



Specifications:

- Anilox roller length: 100-450 mm
- Quantity of vibrators: 16
- Temperature control range: 30-100 °C
- Ultrasonic power source: 20A/220 V
- Electric heater power: 2.6 KW
- Cleanser working frequency: 40 kHz
- Rinsing tank length: 450 mm
- Rinsing tank width: 450 mm
- Capacity: 40 litres

OUR SERVICE TECHNICIANS ARE PASSIONATE ABOUT CUSTOMER SATISFACTION.

All equipment supplied by ROTOCON is serviced by our technicians, from installation and repair to comprehensive operator training.

Rigorously trained and certified to OEM standards, our technicians arrive at our customer locations ready to perform engineering tasks with a hands-on approach, technical integrity, and a get-it-done mentality.



