

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' 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.

ROTOCON RFP Chrome Series – Precision, Performance, and Efficiency at Its Best

The ROTOCON RFP Chrome Series is the ultimate solution for flexo printers seeking top-tier quality combined with maximum efficiency. Designed to meet the growing demands of the printing industry, this machine blends cutting-edge technology with intuitive operation – delivering outstanding print results and seamless production.

Modularity Meets Flexibility

Our RFP Chrome Series sets a new standard for versatility. With its modular design, printers can strategically invest in performance-enhancing features tailored to their applications and budget. Automation solutions and value-adding modules can be effortlessly integrated and activated with the simple press of a button.



Maximum Productivity, Minimum Waste

In a highly competitive market, every second counts. That's why we designed the RFP Chrome Series to enable fast job changes, efficient material usage, and minimal waste. This ensures the highest level of cost-effectiveness and sustainable production.

Future-Proof for Your Needs

Today and in the future with the ROTOCON RFP Chrome Series, you stay ahead of the curve. The machine grows with your requirements and can be expanded at any time to help you seize new market opportunities. Boost your productivity, optimize your processes, and achieve the highest print quality with the ROTOCON RFP Chrome Series.

CHROME

RFP 350S • 450S • 530S • 660S

FLEXOGRAPHIC PRINTING PRESS

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.

Main Technical Parameter

RFP Chrome S (Sleeve)

Max. mechanical speed	200 m/min
Max. printing width	340 mm / 450 mm / 530 mm / 650 mm
Max. web width	350 mm / 460 mm / 540 mm / 660 mm
Max. unwind diameter	1050 mm
Max. rewind diameter	1051 mm
Print material thickness	15 - 450 µ
Print repeat	10 - 25 inch
Loding method	Sleeve or Cylinder
Dryer	UV LED (others on request)
Power supply	400V,50Hz,SP/N/PE
Turnbar (on rail system)	optional
Delam-/Relam (on rail system)	optional
Corona treatment	optional
Dust removes (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 delivery unit
- Rail system available
- Cold foil
- Lamination
- Web-turn-system
- Reverse-side printing
- Multi layer and Booklet Option
- Chiller systems for filmic materials
- New ROTOCONNECT[™] Service Module

CHROME

RFP 350S • 450S • 530S • 660S

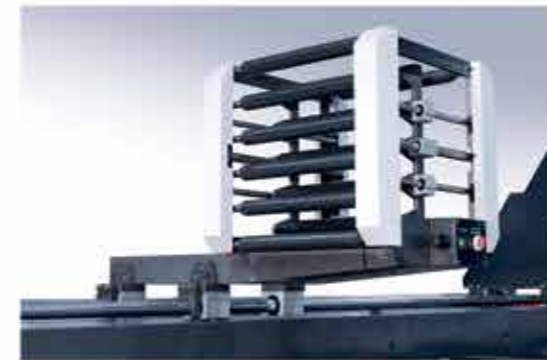
FLEXOGRAPHIC PRINTING PRESS



Die Cutting / Matrix Removal



Unwind Unit / Roll Lift



Delam-/Relam



Printing Sleeve



Touch Screen



Sleeve system with 3 servos



Cold Foil / Register Lamination



Multilayer Option

CHROME

RFP 350S • 450S • 530S • 660S

FLEXO PRINTING SOLUTION



The RFP CHROME Cylinder Version Flexo Press is our latest cutting-edge machine, specifically designed for producing high-quality labels on a variety of materials. Whether you are printing on film, aluminium, or paper, this machine offers exceptional versatility and top-tier results.

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

The RFP C Version is equipped with Gear Cylinder and fully servo-driven technology, each printing unit is powered by 2 servo motors -, one for the impression roller, and one for the anilox roller.

This setup ensures precise control over ink distribution, resulting in a more consistent print and reducing ink waste.

Main Technical Parameter

RFP Chrome C (Cylinder)

Max. mechanical speed	200 m/min
Max. printing width	340 mm / 450 mm / 530 mm / 650 mm
Max. web width	350 mm / 460 mm / 540 mm / 660 mm
Max. unwind diameter	1050 mm
Max. rewind diameter	1051 mm
Print material thickness	15 - 450 µm
Print repeat	10 - 25 inch
Loding method	Cylinder
Dryer	UV LED (others on request)
Power supply	400V,50Hz,3P/N/PE
Turnbar (on rail system)	optional
Delam-/Relam (on rail system)	optional
Corona treatment	optional
Dust removes (web cleaner)	optional
BST Webgulde	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 delivery unit
- Rail system available
- Cold foil
- Lamination
- Web-turn-system
- Reverse-side printing
- Multi layer and Booklet Option
- Chiller systems for filmic materials
- New ROTOCONNECT Service Module

CHROME

RFP 350S • 450S • 530S • 660S

FLEXO PRINTING SOLUTION



Die Cutting / Matrix Removal



Unwind Unit / Roll Lift



Delam-/Relam



Print Cylinder with Gear



Touch Screen



Gear Cylinder System with 2 servos (Flower Style)



Cold Foil / Register Lamination



Multilayer Option

CHROME

RFP 350 • 440

HYBRID SOLUTION



The ROTOCON RFP Hybrid Solution – The Best of Both Worlds

The ROTOCON RFP 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 RFP Hybrid, printing and converting happen in a single pass. This means 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, providing the agility printers need in today's fast-paced industry.

Precision Flexo for PMS Colors & More

For spot colors, high-opacity whites, and specialty applications, the flexo printing unit ensures color accuracy and expanded creative possibilities. Whether for short runs, personalized designs, or high-volume production, the ROTOCON RFP Hybrid Solution combines the best of digital and flexo printing to maximize productivity and profitability.

Are you ready to take your printing capabilities to the next level?
The ROTOCON RFP Hybrid is your all-in-one solution.

12

13

Main Technical Parameter

RFP Hybrid Solution

Max. mechanical speed	200 m/min
Max. printing width	340 mm / 450 mm / 530 mm / 650 mm
Max. web width	350 mm / 460 mm / 540 mm / 660 mm
Max. unwind diameter	1050 mm
Max. rewind diameter	1051 mm
Print material thickness	15 - 450 µm
Print repeat	10 - 25 inch
Lodging method	Sleeve or Cylinder
Dryer	UV LED (others on request)
Power supply	400V, 50Hz, 3P/N/PE
Turnbar (on rail system)	Standard
Delam-/Relam (on rail system)	Standard
Corona treatment	Standard
Dust removes (web cleaner)	Standard
BST Webguide	Standard
BST Monitor	Standard

CHROME

RFP 350 • 440

HYBRID SOLUTION



Die Cutting / Matrix Removal



Unwinding / Web Guiding



Delam-/Relam



Printing Sleeve



HMI



Printing Unit



Cold Foil



Turnbar

CHROME

RDF 340 • 430 • 530

DIGITAL PRINTED LABEL CONVERTING & FINISHING SYSTEM

Modular system can be expanded with options according to the different functional processes as converters' business needs grow for example, hot and cold foil, embossing, multilayer label, in-mould labelling and screen printing.



16

Specifications:

- Web width: 340mm, 440mm, 560mm
- Flexo printing Full/Semirotary
- Flat bed screen printing
- Flat bed hot foil embossing
- Rotary and Semi Rotary die cutting
- Rotary embossing unit
- Crosscutting unit
- Sheeter systems with delivery unit
- Rail system
- Cold foil
- Lamination
- Web-turn mechanism
- Reverse-side printing
- Full automatic knife systems
- Multi Layer and Booklet option
- Digital embellishment
- Digital hybrid solutions
- New ROTOCONNECT Service Module

17

CHROME

HIGH SPEED FLAT BED DIE CUTTER

Main Technical Parameter

HIGH SPEED FLAT BED DIE CUTTER

Control System	(Inovance control system)
Die Curing Speed	130 m/min
Max. Web Width	350 mm
Max. Unwinding Diameter	700 mm
Max. Rewinding Diameter	700 mm
Die Cutting Precision	± 10 mm
Max. Die Cutting Width	320 mm
Max. Die Cutting Length	350 mm
Total Power	20 kw
Power Supply	380v 3p
Weight	2000 kg
Dimension	(L×W): 3500×1500
Floor Area Of Machine	(L×W): (3500+1000+1000)×(1500+1500+1000)



Web Guide



Flat Bed Die Cutting Station



Dancing Roller



Cold Foil / Register Lamination



Multilayer Option



Printing Unit

High-Speed Flat Bed Die Cutting machine with special dancer system, enabling impressive speeds of up to 130 m/min. It is highly-automated, high-speed, stable and accurate for sheet cut, hot stamping and die cutting.

ECOLINE

RFP 340E • 460E • 530E • 650E

FLEXO PRINTING SOLUTION



20

The RFP ECOLINE cost-efficient flexographic printing press balances registration accuracy with high running speeds. The RFP uses the latest servo technology. Each printing unit is driven by a separate servo motor.

The printing units are designed for optimal ink transfer and pressure adjustment to guarantee crisp-dot printing in high line counts, text, line-work, solids, adhesives and varnishes. If fine-tuning is required, it can be done quickly, by adjusting the corresponding pressure setting device on both sides.

21

The lightweight aluminium print cylinders feature a high precision helical gear transmission for high accuracy. This design ensures that installation of the cylinder in the print head is a smooth and easy operation.

The LED-UV curing system ensures an improved energy footprint across the short web path, and the impression cylinder is equipped with a water chiller system so that the filmic material won't be affected by the UV curing temperatures during printing. Alternatively, hot air or infrared driers can be fitted for curing water-based inks.

Equipping the unwind unit with a corona treater, dust cleaning unit, and static system ensures maximum printing stability. The high-precision BST web inspection system provides superior quality assurance during the printing process.

RFP 340E • 460E • 530E • 650E

FLEXO PRINTING SOLUTION

Main Technical Parameter

RFP Ecoline (Cylinder)

Max. mechanical speed	150 m/min
Max. printing width	340 mm / 450 mm / 530 mm / 650 mm
Max. web width	350 mm / 460 mm / 540 mm / 660 mm
Max. unwind diameter	1050 mm
Max. rewind diameter	1050 mm
Print material thickness	20 - 350 µm
Print repeat	7 - 24 inch
Loding method	Cylinder
Dryer	UV LED (others on request)
Power supply	400V,50Hz,3P/N/PE
Turnbar (on rail system)	optional
Delam-/Relam (on rail system)	optional
Corona treatment	optional
Dust removes (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 delivery unit
- Rail system available
- Cold foil
- Lamination
- Web-turn-system
- Reverse-side printing
- Multi layer and Booklet Option
- Chiller systems for filmic materials
- New ROTOCONNECT Service Module



Flexo Print Unit with Gear Cylinder (Single Servo)



Unwinding Unit with Roll Lift



Delam-/Relam



Print Cylinder with Gear



Die Cutting Unit with Matrix Rewind



Rewinding Unit



Cold Foil / Register Lamination



Multilayer Option

ECOLINE

RSI 340 • 430 • 560 • 600

SLITTING, INSPECTION &
REWINDER SYSTEM

Fully servo-driven vertical model, which ensures low maintenance and an output rate of up to 300m/min. The stringent web control and management system ensures 100% accuracy.



Specifications

- Max speed: 300m/min
- Unwind diameter: 710 mm
- Rewind diameter: 450 mm
- Unwinding: automatic roll end stop function & splicing table
- Slitting accuracy: $\pm 0.2\text{mm}$
- Slitting basic package: 6 razor blades
- Counting: totalised, linear & individual label count
- Ultrasonic roll diameter tracking

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

ECOLINE

RSH 340 • 440 • 560

SLITTING, INSPECTION &
REWINDER SYSTEM

Fully servo-driven model with a compact footprint, easy-to-use control panel and open machine design to maximise operator friendliness.



- Ultrasonic web guide
- Slitting accuracy: $\pm 0.2\text{mm}$
- Ultrasonic roll diameter tracking
- Tension control on rewind
- Tension control on unwind
- Inverter control draw station
- Unwind splicing table
- Automatic linear count
- Individual label count

PRO MOUNT PLATEMOUNTER

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

The 650-line camera reaches a 70 times amplification ratio – presenting clear, bright images that substantially improve plate mounting precision – via a 482.6mm high-resolution display screen.



Specifications

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

PRO CLEAN ANILOX ROLLER CLEANER

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

Ultrasonic cleaning converts electric energy into kinetic energy, without generating dust and sewage, making it a more environmentally-friendly method that requires a cleaning fluid for easier dirt removal from micro holes.

The cleaning process is simple – after inserting the anilox roller into the cleaning tank with cleaning fluid, the operator presses the cleaning button. Depending on the anilox cells, the operator can choose from different sizes of customised cleansers, and switch between single, and double frequency cleaning. At 40kHz, single-frequency cleaning is stable, reliable and thorough. After removing inks or stubborn dirt with low frequency, multiple frequencies enable highly-precise cleaning of the anilox cells.



Specifications

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

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





ROTUCON

