

PumaRoto G



We offer
Global solutions in
printing, laminating & slitting

pumarotog.com

PumaRoto G



*At **PumaRoto G**, we focus on what truly matters - quality, consistency, and customer trust. In a competitive rotogravure market, we differentiate ourselves by delivering precision printing backed by advanced technology and skilled expertise.*

*While many competitors emphasize volume, **Roto G** prioritizes reliability, color accuracy, and long-run performance. Our strength lies in our partnership approach, working closely with customers to understand their needs and deliver dependable, value-driven solutions.*

*Through continuous investment in technology, people and sustainable practices, **PumaRoto G** remains committed to setting higher standards and supporting our clients' long-term success.*

A Prasad
Founder & CEO
PumaRoto G Pvt.Ltd.

PumaRoto G



At **PumaRoto G**, operational excellence is the foundation of our quality promise. As Managing Director, my focus is on efficient production, process control, and consistent output that meets the high standards our customers expect.

Working closely with our production and technical teams, we emphasize precision, discipline, and continuous improvement across every stage of manufacturing. Our goal is to ensure smooth operations, reduced waste, and reliable delivery - every job, every time.

Building on the vision and values established by our leadership, I am committed to strengthening our systems, upgrading technology, and developing skilled teams to keep **PumaRoto G** competitive, dependable, and future-ready.

Punith Prasad
 Director - Production & Operations
PumaRoto G Pvt. Ltd

PRODUCT Rotogravure Printing Machines

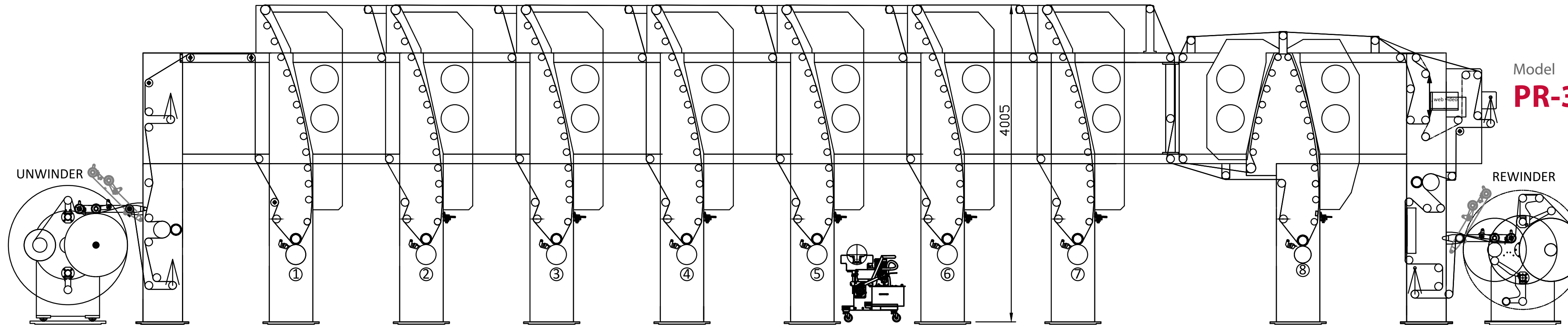
This rotogravure printing machine is ideal for both shrink sleeve and flexible packaging applications.

The turret-type unwind and rewind units with automatic splicing enable continuous production, minimize waste and maintain rated speeds. Each printing unit is driven by a servo motor (ELS) with precise control for accurate registration.

The adjustable doctor blade system ensures excellent print quality. Equipped with a PLC system and HMI, the machine offers easy, smooth and user-friendly operation.

Complete **Solutions** for
Flexible packaging

ELS 8 Color Machine



PLC-station 1

- Printing speed control
- Printing parameter setting
- Operation parameter setting
- Driver status monitoring
- Production additive memorizing
- Malfunction alarm information
- Tension information monitoring

PLC-station 2

- Automatic control of unwind tension
- Diameter detecting control
- Dancer roller tension control
- Automatic cutting and roll change

- Jointing surface sensing control
- Automatic pre-drive jointing
- Automatic control of infeed tension
- E/P transducer control

PLC-station 3

- Automatic control of rewind tension
- Decreasing tension control
- Dancer roller tension control
- Automatic cutting and roll changing
- Non-stop roll change
- Automatic product length counting
- Automatic control of outfeed tension
- E/P transducer control

Tech. Spec.	PRG 2500 MLS	PRG 2500 MLS Shaftless	PRG 3500 ELS
No. of Colours	Up to 8 / 10 / 12	Up to 8 / 10 / 12	Up to 8 / 10 / 12
Printing width - max	1100 mm / 1300 mm	1100 mm / 1300 mm	1100 mm / 1300 mm
Printing Speed - max	250 mtrs/min.	250 mtrs/min.	350 mtrs/min.
Type of Printing cylinder	Shafted	Shaftless	Shaftless
Type of Impression Roller	Integral	Shaftless checking	Shaftless checking
Substrates	Polyester, PET, BOPP LDPE & Paper	Polyester, PET, BOPP LDPE & Paper	Polyester, PET, BOPP LDPE & Paper
Circumference of Printing Cylinder	350 mm to 800 mm	400 mm to 800 mm	450 mm to 900 mm
Heating Media	Thermic Fluid / Hot air generator / Electric heater	Thermic Fluid / Hot air generator / Electric heater	Thermic Fluid / Hot air generator / Electric heater
Area requirements (L x W x H in mtrs.)	24 x 7 x 4.5	24 x 7.8 x 4.5	26 x 7.8 x 5.6
Unwinder / Rewinder units	Duplex type Turret - Air Shaft with Auto Splicing	Duplex type Turret - Air Shaft with Auto Splicing	Duplex type Turret - Air Shaft with Auto Splicing
Cartridge type Changeover System	Tray System Driven Furnishing roller (Op)	Tray System Driven Furnishing roller (Op)	Tray System Driven Furnishing roller (Op)
Web Tension Control on Unwinder & Rewinder	Automatic	Automatic	Automatic
Web Tension Control on infeed & outfeed	Automatic	Automatic	Automatic
Automatic Colour registration control system	Optional	Optional	Optional
Web Viewing System	Optional	Optional	Optional
Turn Bar	Optional	Optional	Optional
Corona Treater	Optional	Optional	Optional
Control System	PLC based Digital	PLC based Digital	PLC based Digital
Main Drive	Mechanical Line Shaft	Mechanical Line Shaft	Electronic Line Shaft

State of art **Manufacturing**

High **quality** printing

ADVANTAGES

- Superior high speed print quality
- Fast and operator friendly changeovers
- Cutting edge register system
- Fully-integrated inspection and quality control systems
- Sustainable use of inks and substrates
- Energy efficient drying system

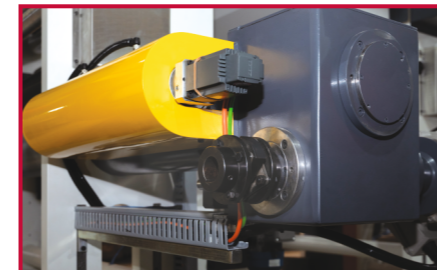
APPLICATIONS

- Wide range of food and non-food flexible packaging
- Dedicated for film and paper substrates
- Wide range of inks e.g. NC, PU, PVB, PVC also with metallic- and effect-pigments
- Gloss, matt and haptic lacquer applications

Future oriented **Rotogravure** Printing



Simplex Shaftless Winder



Shaftless cylinder system
Line shaft connection with miky pulley



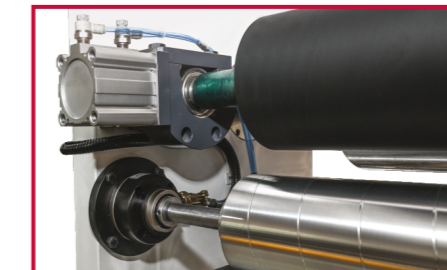
Shaftless Cylinder System
Shaftless impression Check-in system



Longitudinal registration correction



Cam locking system for quick change Doctor blade
Individual doctor blade oscillation



In & Out Feed Nip



Turret with Splicing



Drying Chamber



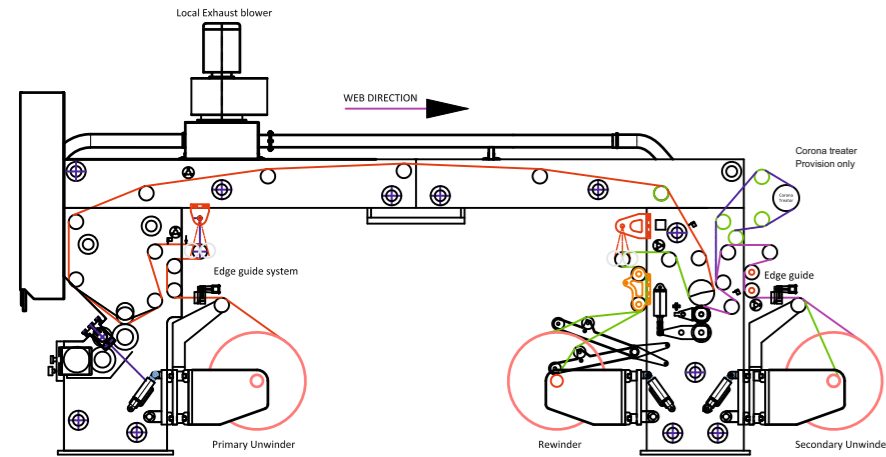
Zero-backlash gear ratio for
better print registration



Stainless steel drying chamber designed
for water and solvent-based ink to ensure
the chamber long life

PRODUCT
Lamination Machines
Solventless

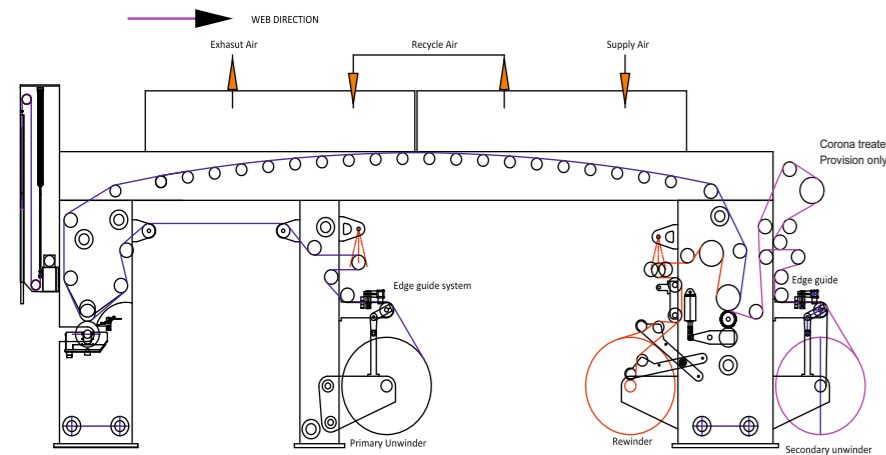
Model
PSL 4000



Tech. Spec.	PSL 4000 (Solventless Lamination)
Machine Speed	400 / 450 mtrs/min.
Max. Working Width	1100 mm / 1300 mm
Max. Roll Weight	800 kgs
Type of Winder	Shaftless Chucking on LM guides
Substrates Loading	Self (By Hydraulic)
Unwind Core Dia	3" & 6"
Max. Rewind Roll Dia	800 mm
Substrates	PET, BOPP, Foil & Metallizer
Heating Media	Not applicable
Roller Heating	Water
Tension Feedback	Loadcell & Dancer
Dosing Unit	Included (Make Optional)

PRODUCT
Lamination Machines
Solvent Based

Model
PSB 2000



Tech. Spec.	PSB 2000 (Solvent Based Lamination)
Machine Speed	200 mtrs/min.
Max. Working Width	1100 mm / 1300 mm
Max. Roll Weight	800 kgs
Type of Winder	Shaftless Chucking on LM guides
Substrates Loading	Self (By Hydraulic)
Unwind Core Dia	3" & 6"
Max. Rewind Roll Dia	800 mm
Substrates	PET, BOPP, Foil & Metallizer
Heating Media	Thermic Fluid / Hot air generator
Roller Heating	Water
Tension Feedback	Loadcell & Dancer
Dosing Unit	Not applicable

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Our Group of Companies

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