

PumaRoto G

Revolutionizing Packaging with PumaRoto G Machines





EXCLUSIVE PARTNERSHIP

Smart Pack Solutions is excited to be the exclusive marketing partner for PumaRoto G. This strategic collaboration aims to introduce PumaRoto G's state-of-the-art bag-making machines to the Global market.

OUR COMMITMENT TO EXCELLENCE

Smart Pack Solutions is committed to providing unmatched quality and complete packaging solutions. Our collaboration with PumaRoto G's is a testament to our dedication to bringing the best technology to our customers.

Our Background

PumaRotoG is a Bangalore-based private limited company at the forefront of the printing industry. An exclusive partnership with Smart Pack Solutions, a global marketing partner, has been established. We specialize in the development and manufacturing of technologically advanced Rotogravure Printing Machines. Our commitment to precision, efficiency, and versatility has established us as a key player in the field, delivering high-quality printing solutions to meet the demands of various industries.

About Us.

Upgrade Your Printing Process.



The PumaRoto G is not just another printing machine; it represents a leap forward in the world of printing technology. Our engineers have ingeniously combined Hybrid Technology CI Flexo with Rotogravure Printing to create a powerhouse of performance that is set to transform the way you print. One of the most remarkable features of this machine is its ability to save ink by up to 25%, thanks to its innovative hybrid technology. This means more cost savings and less environmental impact without compromising on print quality.

OUR VISION

Our vision is simple yet powerful: to revolutionize printing technology and set new standards of quality and performance. We aim to empower businesses with innovative printing solutions that drive success and elevate brand impact.

Precision, Efficiency, Versatility

Make the switch to the PumaRoto G and experience a new era in printing technology. Elevate your printing quality, reduce costs, and boost efficiency.

WHY CHOOSE PUMAROTO G?

- Cutting-edge Hybrid Technology
- Exceptional Print Quality
- Ink Saving Innovation
- Unmatched Performance

Revolutionize Your Printing Now.



At a Glance

PRG 2500 MLS
8 COLOR | 1100mm | 220 mtrs/min



High Quality Printing

Sustainability

Ink-Saving Innovation

Maximum Profitability

Rotogravure Printing Machines



Tech. Spec.	PRG 2500 MLS	PRG 2500 MLS Shaftless	PRG 3500 ELS
No. of Colours	Up to 8	Up to 8	Up to 8
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	Shaft less	Shaft less
Type of Impression Roller	Integral	Integral	Sleeve Type
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	Thermic Fluid / Hot air generator	Thermic Fluid
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 system)	Tray System (Driven Furnishing system)	Tray System (Driven Furnishing system)
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

Innovating Rotogravure Printing



**Quick change over system for Infeed Nip
& Impression Rollers**



**Shaftless Cylinder Chuckin / Driven
Furnish Rollers / Impression Roller**



Quick change over system for Doctor Blade



Motorized Longitudinal Registration system



**Micro adjustment setting system of Gap
in Furnish Roller**



**Frictionless Pneumatic Cylinders for
Dancing Rollers**



Line Shaft with Miki Pulley Couplings



Web Splicing System

At a Glance

Genex PS 4000 **Solvent Less| 400mtrs/min**



Fastest Job Change Over

Sustainability

Auto-Indexing Innovation

Maximum Profitability

Solventless Lamination Machines

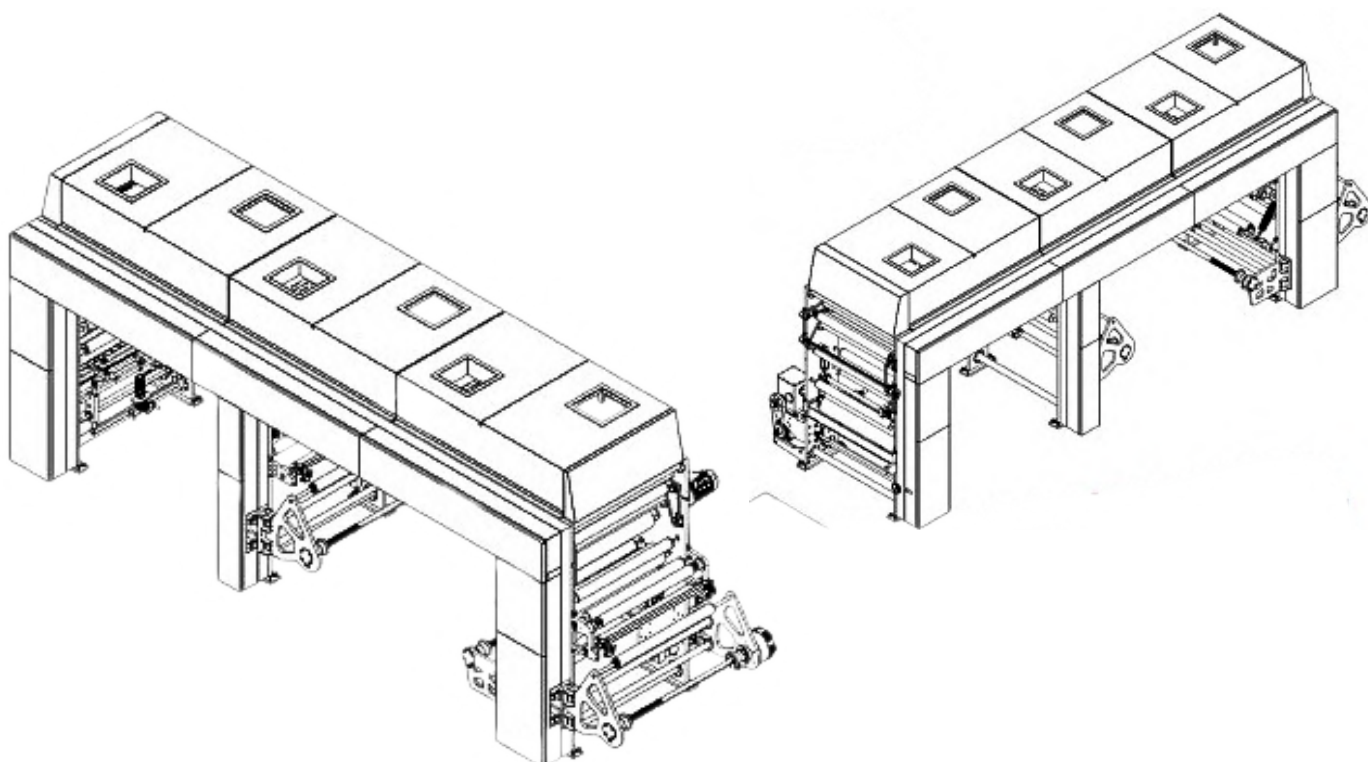


Tech. Spec.	Genex PS 4000(Solventless Lamination)
Machine Speed	400 mtrs/min.
Max. Working Width	400 mm / 1300 mm
Max. Roll Weight	800 kgs
Type of Winder	Shaftless Chucking on Linear Bearing
Substrates Loading	Using Trolley
Unwind Core Dia	3" & 6"
Max. Rewind Roll Dia	800 mm
Substrates	PET, BOPP, LDPE, Foil & Metallizer
Heating Media	Not applicable
Roller Heating	Water
Tension Feedback	Loadcell & Dancer
Dosing Unit	Included (Make Optional)

Innovating Solvent Less Lamination



Solvent Based Lamination Machines



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, LDPE, Foil & Metallizer
Heating Media	Thermic Fluid / Hot air generator
Roller Heating	Water
Tension Feedback	Loadcell & Dancer
Dosing Unit	Not applicable

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