



Laminator for Off-Set Printing & Large Quantity of Digital Printing

OCTAGON-1020J

Laminating Speed : 75m/min
Feeding & Bursting Speed : 10,000sheet/hr

- ▷OCTAGON-1020J G50R20
- ▷OCTAGON-1020J H74R20
- ▷OCTAGON PLUS-1020J G50R20
- ▷OCTAGON PLUS-1020J H74R20
- ▷OCTAGON PLUS-1020J DUAL G50R20
- ▷OCTAGON PLUS-1020J DUAL H74R20

※GMP Thermalami Patented

▶ Scratch-Free Matt Film

▶ Embossing Textured Laminating Film

Laminator installed with Embossing Roller

Heat Pressing & Embossing for Thermalami



Laminating at the lowest price by using POLYNEX Thin Film (16mic)



POLYNEX Film

- High quality of Laminating Perfectly Adhesive on All types of Print
- High Speed Automatic Feeding, Laminating, Cutting & Automatic Stacking in one system
- Thermal Laminator with High Quality & Inexpensive Price
- Credible Laminator with PLC System
- Excellent Precision - Main Driving and Feeding are controlled by Drive
- Only 15mins for Warm-up with Induction Heating System Maintain Constant Adhesive Strength by Controlling Temp Precisely
- Easy to exchange films with Air Shaft
- Roller Pressure System of Bellows Cylinder - Simple Operating with switch Excellent Protection from High-Pressure & Impact
- Easy to exchange Lower-Rubber Roller
- Automatic Jogging Table
- Enhanced the value of the machine with Special Effect of Paper Surface with a wide type of films
- Maximize the value of machine by Adding Double-Embossing & Partial Gloss After Basic Embossing
- Side Alignment Device in Feeder - Easy to Laminate the paper with little printing margin

Electric Induction Heating Roller System
Precise Temperature Control ($\pm 1^{\circ}\text{C}$)
Speedy Heating-Up
Long Life



Automatic Stacking Table

OCTAGON-1020J

www.gmp.com



KOSDAQ Registered Corporation(No. 018290)





OCTAGON-1020J

Specific Device



Side Alignment Device



Head of Feeder



Cutter



Control Panel



Type of embossing patterns

- Various types of embossing offer high quality and capacity on demand



• Linen Texture



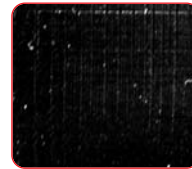
• Fine Texture



• Leather



• Sparkler



• Silky Texture



• Hair Line

Thermalami Film

- GMP POLYNEX (OPP Base Thermalami Film)

POLYNEX Thermal Gloss - 20	Gloss Film
POLYNEX Thermal Gloss - 25	Gloss Film
POLYNEX Thermal Matt - 22	High adhesion matt film
POLYNEX Thermal Matt - 28	High adhesion matt film
POLYNEX Thermal Thin Gloss - 16	Thin Gloss Film
POLYNEX Thermal Thin Matt - 18	Thin Matt Film
POLYNEX Thermal Gloss Emboright - 40	Embossing & High gloss Film
POLYNEX Thermal Matt Antiscuff - 31	Scuff-free matt Film
POLYNEX Thermal Gloss SM - 40	Digital Print Supermelt Gloss Film
POLYNEX Thermal Matt SM - 43	Digital Print Supermelt Matt Film

- GMP NYLONEX (Nylon Base Thermalami Film)

NYLONEX Gloss - 38	Curl & Scratch Free Gloss Film
NYLONEX Matt Antiscuff - 41	Curl & Scratch Free Matt Film
NYLONEX Gloss SM - 40	Curl & Scratch Free Gloss Film for Digital Print
NYLONEX Matt SM - 44	Curl & Scratch Free Matt Film for Digital Print

- GMP PERFEX (PET Base Thermalami Film)

PERFEX Gloss - 29	Gloss Film
PERFEX Gloss - 38	High gloss & Deep Image Film
PERFEX Matt - 32	Matt Film
PERFEX Matt - 38	Deep image Matt film
PERFEX Sliver - 25	High gloss Silver Film

* PERFEX Film for Sliver, Gold & UV printing



Specifications

Model Name	OCTAGON-1020J		
Laminator Dimensions	1,630 x 5,100 x 1,340mm	Heating System	Induction Heating System
Max. Laminating Speed	75m/min	Max. Laminating Temperature	140 °C
Max. Feeding Speed	10,000sheet/hr	Operating System	PLC
Max. Sheet Format	1,050(W) x 740(L)mm	Main Motor	LS 3kw Servo Motor with Servo driver
Min. Sheet Format	250(W) x 250(L)mm	Feeder Motor	LS 0.4kw Servo Motor with Servo driver
Thickness of Substrate(Paper)	120 ~ 480g/㎡	Bursting Motor	LS Induction Motor
Feeder Loading Height	900mm	Vacuum Pump	Becker-T4.40
Laminating Film	POLYNEX, NYLONEX, PERFEX, MICRONEX	Roller Pressure	Bellows Pneumatic Cylinder
Power Requirements	AC 380~400V, 3N, 50~60Hz	Film Core	Air Shaft (3")
Power Consumption	38kw	Feeding	GMP Syncro Stream Feeder
Warm-Up Time	15min	Cutting	Burst Cutting with Rotary Cutter, Perforator

GMP reserves the right to after change specifications without prior notice.