



# PIONEER III - IDH 8000 PLUS Series

G30N  
G30R20  
H74R20



Electric induction heating roller system  
Precise temperature control ( $\pm 1^\circ\text{C}$ )  
Quick warm-up time  
Long life span



#### INDEX

G30= GMP Stream Feeder 30  
N= Nicking Knife  
R20= Rotary Knife 20  
H74= Heidelberg Feeder 74

High-Speed commercial single-side laminator as a solid-build finishing solution for digital & offset print-outs with advanced technology.

- Newly upgraded with user-friendly design
- Working space to load film roll & to check laminating roller state
- Rotary cutting system is equipped for easy operation (option)
- Environmentally-friendly thermalami system with no need of adhesive.
- By well-organized & streamlined functionality & performance, perfect quality of output without any bubbles comes out.
- Suitable for mass production of offset & digital printing with laminating max speed 70m/min
- Through all of the GMP own technologies accumulated, designed for all-one-hand convenient operation and the most compact space-saving commercial machine
- All electronic functions are controlled by a LS PLC, servo motor and driver
- Suitable for small quantity batch laminating productivity for various substrates

# PIONEER III-IDH 8000 PLUS series

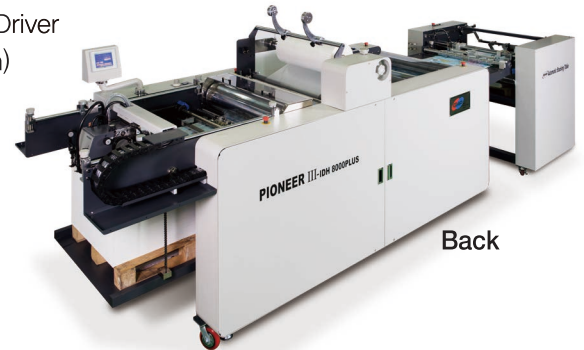


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## Commercial Laminating Machinery

### Features

- Electro Induction Heating Roller with Accurate Temp. Control for Quality Lamination.
- Ergonomic touch screen efficiently activating operator-centric convenient & precise control on all the critical functions from setup through job tracking for superior quality output
- Suitable for Mass Laminating Offset & Digital Printouts with Max. Laminating Speed 70m/min
- All electronic functions are controlled by a LS PLC, Servo motor and Driver
- After Lamination, the laminated paper is stacked automatically (Option)
- Internet network on-line system (Option)
- Suitable for small quantity batch lamination for various substrates



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### Automatic stacking table

Single side Laminator with a Laminating speed of 50m/min,  
Automatic feeding, Nicking, Slitting, Rewinder Automatic Burster, Jogging Table(Optional), Embossing rollers (Option)

Auto stacking and palletized accessory for perfect alignment of finished output eliminates the need for hand jogging and pallet loading

- Model : Automatic Stacking Table-8000
- Out-put Height : 750mm
- Paper Size(MAX) : 800x1,100mm
- Dimensions(WxLxH) : 1,420 x 1,250 x 1,230mm
- Power Requirements : AC 220-240V, 50-60Hz



### Specifications

Model Name	PIONEER III-IDH 8000 PLUS Series		
Laminator Dimensions (WxLxH)	1,540x3,100 x 1,517mm	Heating System	Induction Heating System
Stacker Dimensions(WxLxH)	1,420x1,250x1,230mm	Temperature Control	PID Control
Laminator Weight	1,675kg	Max. Operating Temperature	150°C
Max. Laminating Speed	70m/min	Operating System	LS PLC (Programmable Logic Controller)
Max. Feeding Speed	7,500sheet/hr	Main Motor	HiGen 2.5kw Servo Motor with Servo Driver
Max. Sheet Format	800(W) x 1,100(L)mm	Feeder Motor	HiGen 0.4kw Servo Motor with Servo Driver
Min. Sheet Format	210(W) x 250(L)mm	Buster Motor	HiGen 0.43kw Induction Motor with Vector Driver
Substrate Thickness	120 ~ 400 g/m <sup>2</sup>	Rewinder Motor	Induction Motor with LS Driver
Feeder Loading Height	750mm	Vacuum Pump	Becker-T4.40
Out-put Stacker Height	750mm	Nip Pressure	Pneumatic Cylinder
Laminating Films	POLYNEX, NYLONEX, PERFEX, MICRONEX	Film Core	Air Shaft (3")
Front Roller Diameter	T: 214mm / B: 200mm	Cooling System	Air Cooling with Blower
Rear Roller Diameter	80mm	Feeding	GMP Syncro Stream Feeder
Power Requirements	AC 380~400V, 3N, 50/60Hz	Cutting	Burst Cutting with Nicking Knife and Perforator
Power Consumption	23kw	Option	Embossing Roller, MICRONEX Winder, Silicon Nip Roller
Warm up Time	15min		

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