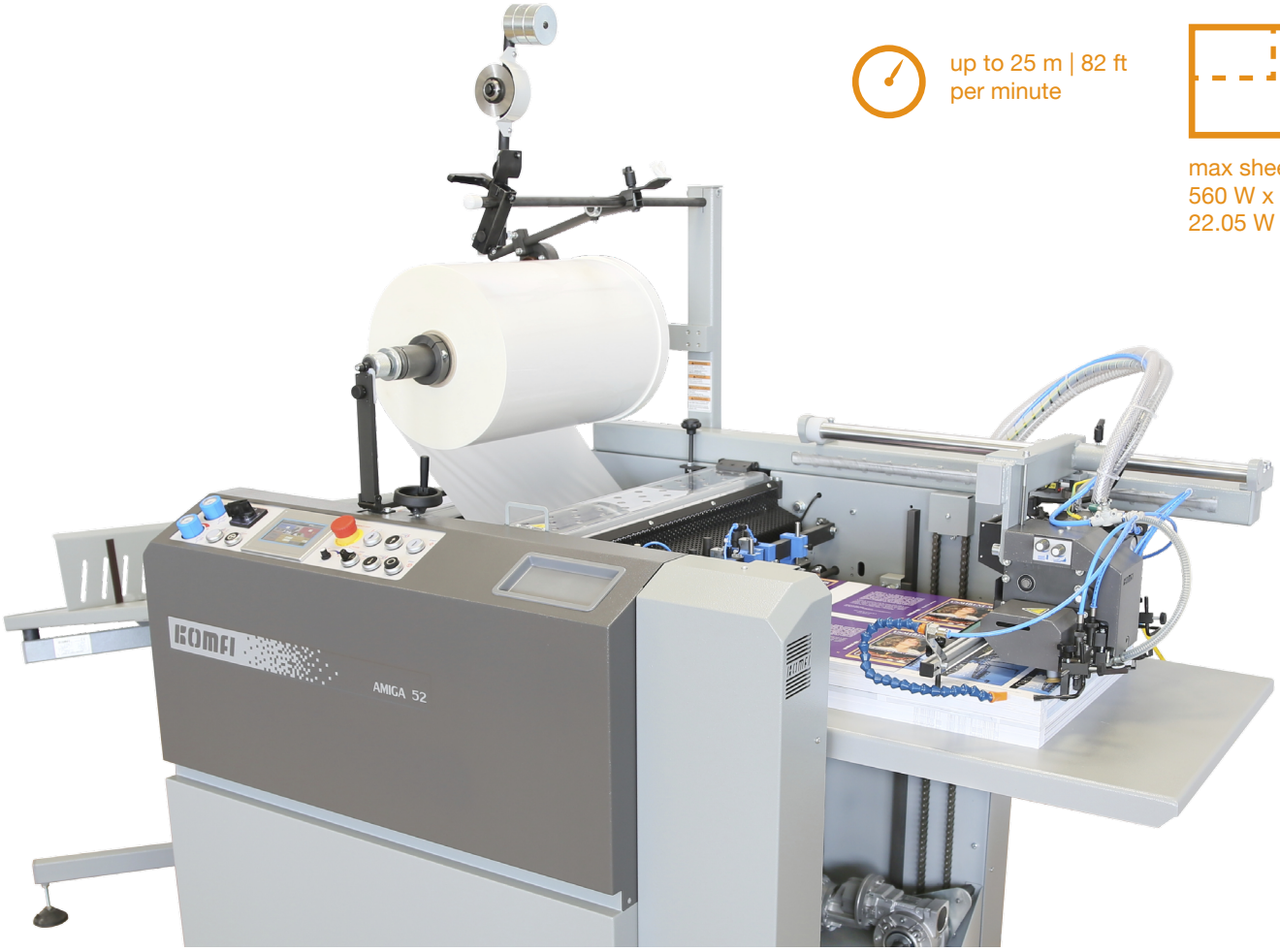
KOMFI® Amiga 52 Top Feeder

PRODUCTION LAMINATING SYSTEM

The Amiga 52 Top Feeder is a production laminating system that has a deep-pile Komfi top feed head and is ideal for single-sided lamination. It features a variety of automated functions, such as nip pressure activation, sheet-overlap control, and bursting and/or hot knife separation. Operators can preset job parameters for identical runs, and the unit's mis-feeding and temperature-drop detection functions help ensure each run yields high-quality laminated sheets.



up to 25 m | 82 ft
per minute

max sheet size
560 W x 800 L mm
22.05 W x 31.50 L in

FEATURES

- Production laminating system
- Automatic deep-pile Komfi feed head
- Combined de-curling unit: bar and roller
- Burst separation for BOPP laminates; hot knife available for PET and nylon laminates
- Suitable for digitally printed and standard offset output
- Fixed table for sheet unloading

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SEPTEMBER 2023

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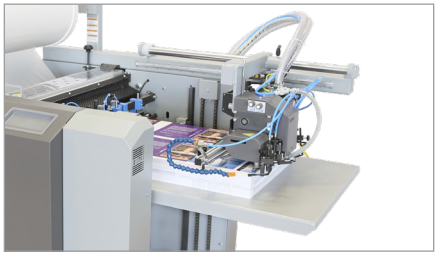

INTEGRATED DEEP-PILE FEEDER

Automatic Komfi top feed head is included.

CENTRALIZED CONTROL PANEL

Intuitive control center is accessible and user friendly.

OPTIONAL SLEEKING® MODULE

Expand digital print sales with spot and metallic foil finishing.

OPTIONAL FEATURES

- Polyurethane (PUR) Pressure Roller
- On-Roll Film Slitter
- Additional Film Perforator
- Air Shaft
- Anti-Static Options
- Jogging Table
- Automatic Pallet Stacker
- Sleeking Module
- Film Loading Equipment
- Spare Parts Kit

COMMON APPLICATIONS

- Brochures
- Business Cards
- Postcards and Direct Mail
- Stationery and Greeting Cards

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PRODUCTION LAMINATING SYSTEM

Description	Amiga 52 Top Feeder, Burst Separation	Amiga 52 Top Feeder, Hot Knife
Laminating Speed	3 - 25 m/min 10 - 82 ft/min	3 - 25 m/min 10 - 82 ft/min
Maximum Sheet Size	560 x 800 mm 22.05 x 31.50 in	560 x 800 mm 22.05 x 31.50 in
Minimum Sheet Size	200 x 200 mm 7.87 x 7.87 in	200 x 200 mm 7.87 x 7.87 in
Paper Weight Range	115 - 600 g/m^2 80 lb text - 24 pt cover	115 - 600 g/m^2 80 lb text - 24 pt cover
Sheet Thickness	max 0.7 mm | 0.03 in (with overlap > 0) max 1.4 mm | 0.06 in (with overlap < 0)	max 0.7 mm | 0.03 in (with overlap > 0) max 1.4 mm | 0.06 in (with overlap < 0)
Maximum Pile Height for Feeder	520 mm 20.47 in	520 mm 20.47 in
Maximum Load for Feeding Table	300 kg 661 lb	300 kg 661 lb
Type of Laminating Film	OPP, PET, Nylon	OPP, PET, Nylon
Thickness of Laminating Film	24 - 45 microns 1.0 - 1.8 mil	24 - 45 microns 1.0 - 1.8 mil
Film Core Size	76 mm 3 in	76 mm 3 in
Maximum Film Roll Diameter	350 mm 13.78 in	350 mm 13.78 in
Machine Dimensions (includes Fixed Delivery Desk)	2,630 L x 1,000 W x 1,470 H mm 104 L x 39 W x 58 H in	2,880 L × 1,000 W × 1,470 H mm 113 L x 39 W x 58 H in
OPTIONAL Jogging Table Dimensions	864 L x 610 W mm 34 L x 24 W in	864 L x 610 W mm 34 L x 24 W in
OPTIONAL Automatic Pallet Stacker Dimensions	1,754 L x 1,252 W x 1,055 H mm 69 L x 49 W x 42 H in	1,754 L x 1,252 W x 1,055 H mm 69 L x 49 W x 42 H in
Minimum Wall Clearance (for servicing unit)	1,220 mm 48 in	1,220 mm 48 in
Machine Weight	650 kg 1,433 lb	752 kg 1,658 lb
Warm-Up Time	5 minutes	5 minutes
Power Requirements	3 phase, 208 - 230VAC, 25 amps	3 phase, 208 - 230VAC, 30 amps
Power Consumption	5.8 kW	9.0 kW
Air Supply Requirements (Air Drier recommended)	90 - 135 psi clean, dry air; 3.4 CFM	90 - 135 psi clean, dry air; 3.4 CFM
Air Compressor Capacity (low duty cycle)*	14 CFM	14 CFM

* Smaller, high duty cycle compressors may be applicable. Speak with Nobelus technical support for guidance.

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