FLAGSHIP MODEL LAMINATING MACHINE WITH WINDOW LAMINATION KMM-1050EW (1050mmX1250mm)

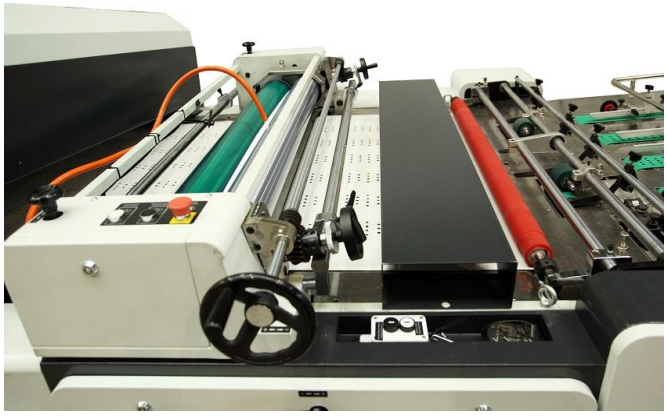
TECHNICAL CHARACTERISTICS

- Types of film: OPP, PET, METALIC, NYLON, etc.
- Max. Mechanical Speed: 120m/min
- Max. Working Speed: 100m/min
- Sheet size max: 1050mm x 1250mm
- Sheet size min: 390mm x 390mm
- Paper weight: 150-600gsm (250-600gsm for windowed sheets)

FEEDER

- Driven by **servo motor**
- Feeding: Up & down pile facilities
- Pile loading facilities
- Dry suction and blowing pump
- Automatic motorized loading platform with auto protection function
- Gates: precise overlapping +/- 1.5mm
- Electronic overlap control
- Double functions for both non-stop feeding and pallet feeding
- Pile height 1300mm

COATING UNIT



- Driven by **servo motor**
- Coating device by rolls system
- Suitable for multi-type glue
- Powder cleaning brush roll

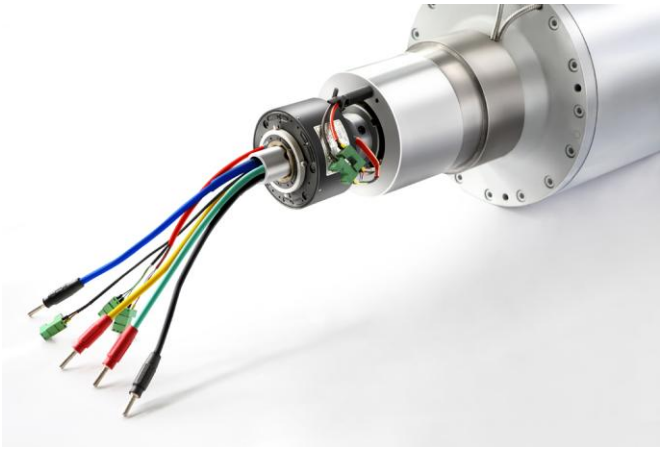
DRYER

- Stable transport by one overall belt
- IR heating
- Tension control by **servo motor**
- Automatic up/down of the heating dryer
- Friendly interface, easy for operation

☞ Pneumatically controlled table up/down for easy cleaning of coating rollers

LAMINATOR

☞ Chromed double high-brightness coupling rollers.
☞ Heating type: High accuracy intelligent heating system (electromagnetic heating), patented technology from Japan. No oil or water as heating medium, safe and clean. Heating temperature stable and heat compensation fast.
☞ Electronic temperature control: Surface temperature difference < 1℃

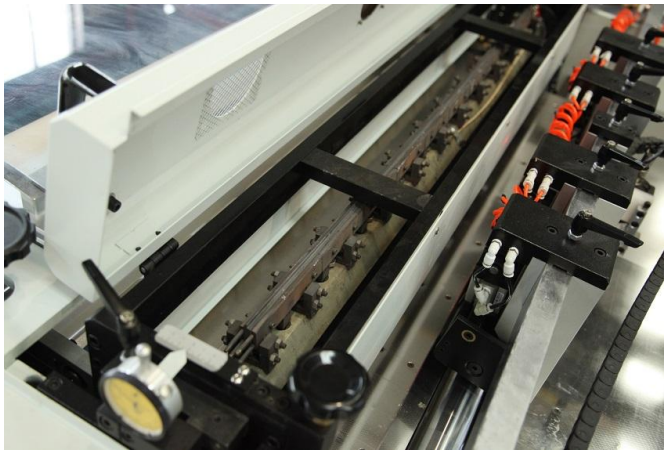


☞ Automatic film tension control
☞ Air shaft locking mechanism
☞ 10-inch touch screen, friendly interface
☞ Pressure: Counter pressure roller pneumatically activated, no risk of leaking, clean & safe (authentic European technology)

☞ Film slitter and re-winder
☞ Process control: single central panel for ease of operation
☞ Teflon treatment on all gluing parts, greatly reducing time and difficulty of cleaning
☞ High accuracy transport of paper
☞ Automatic open/close of oven, easy for cleaning and maintenance (authentic European technology)
☞ High-efficiency drying roller and hot air circulation oven with supporting heating system

SHEET SEPARATOR

- Patented hot knife separation technology from Italy for cutting PET, Metalic or Nylon film.
- BAUMER laser sensor made in Switzerland, for accurately detecting hot knife cutting position and guaranteeing clean cutting edge.



- Perforating wheel
- Fully automatic integrated snapping roll
- Sheet blower
- Optional: Double-laser automatic correction system “Super Hot Knife”

STACKER

- Automatic slowing down when sheets in disorder
- Belt system for thin paper
- Pile loading: Pallet in feed
- Pneumatic side pushers
- Automatic motorized platform with auto protection function
- Non-stop stacker

POWER

- Voltage 380V-50 Hz
- 3 phases plus earth and neutral with a circuit breaker
- Working power 50Kw

AIR

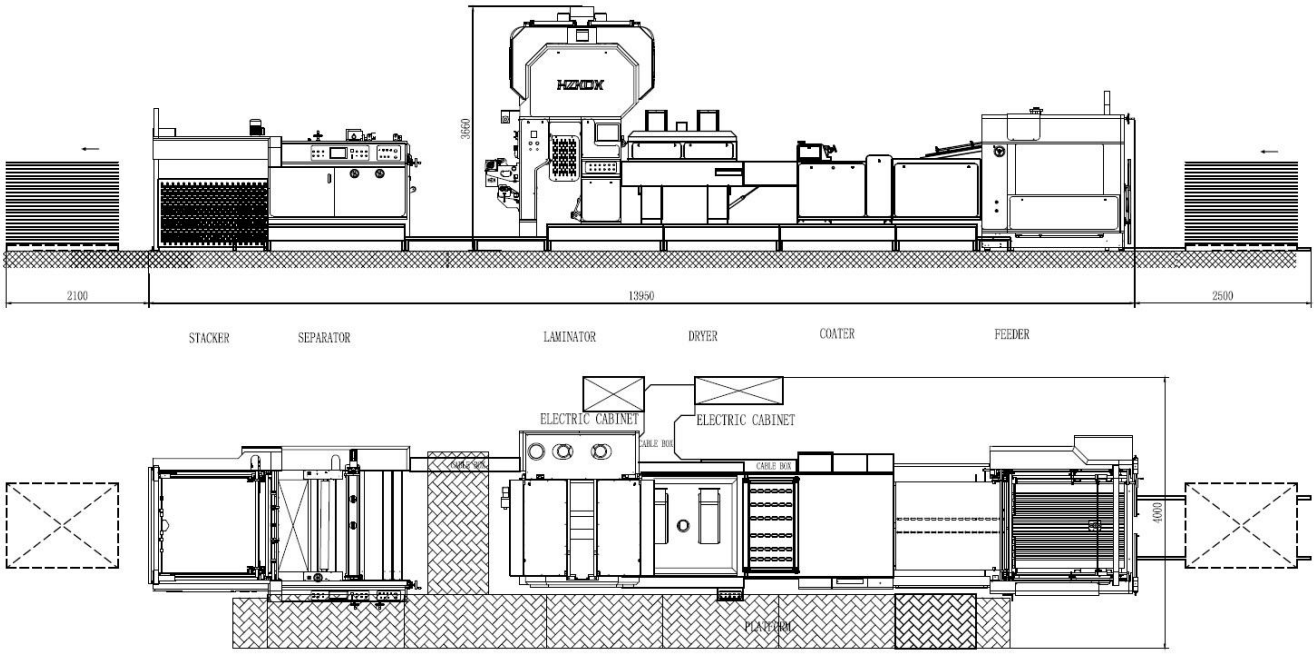
- Pressure: 6 bar or 90 psi
- Incoming air: 12mm diameter pipe

SAFETY APPROVAL

CE

MAIN COMMERCIAL PARTS

KMM-1050EW Main Commercial Part List				
No	**Name**	**Brand**		**Note**
1	Industrial Motion Controller	B&R	B&R A member of the ABB Group	Made in Austria
2	Hot knife servo motor	B&R	B&R A member of the ABB Group	Made in Austria
3	Hot knife servo drive	B&R	B&R A member of the ABB Group	Made in Austria
4	Extension module	B&R	B&R A member of the ABB Group	Made in Austria
5	Other servo motors and drives	INVT	invt	
6	Sensor	OMRON	OMRON	
7	Proximity switch	OMRON	OMRON	

8	Laser Sensor	BAUMER	Baumer Passion for Sensors	MADE IN SWITZERLAND
9	Conveyor belt	AMMERAAL BELTECH	Ammeraal Beltech	SWITZERLAND
10	Pneumatic parts	AIRTAC / SNS	AirTAC SNS	
11	Bearings	C&U	C&U	
12	Intelligent Electromagnetic Heating System	DR		Technology from Japan
13	Air pump	BECKER	BECKER	GERMANY

LAYOUT PLAN