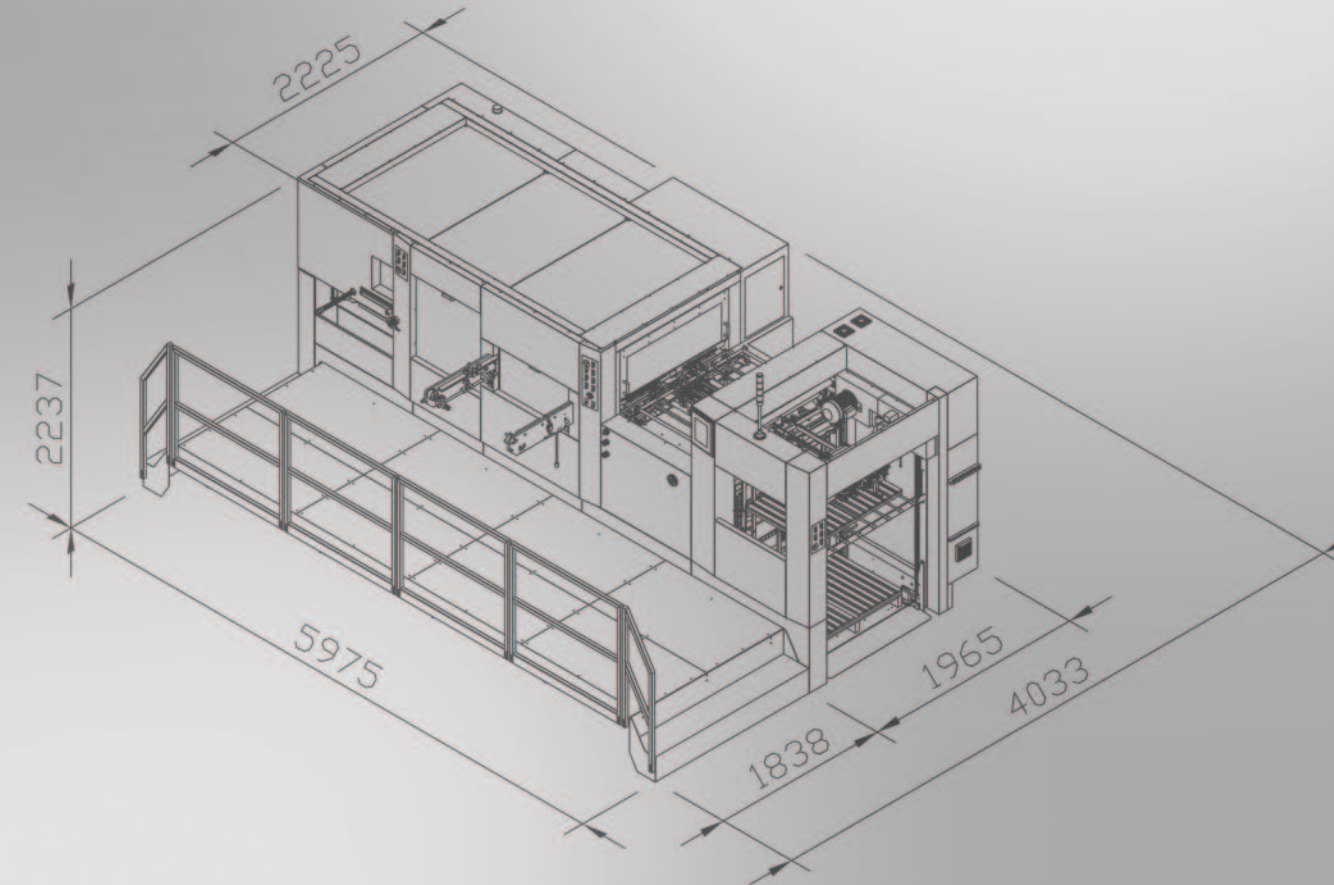


Features

- › 8000 sheets per hour machine speed
- › Speed recovery system gets you back up to full production speed faster
- › Warp sheet detector device to minimize sheet loss
- › Non stop feeding device provides continuous production reducing down time
- › 10.4 inch touch screen with unique simple and logical navigation for efficient operation
- › Platen pressure controlled by touch screen
- › Photo cell override function
- › Modem control unit for hassle free remote maintenance
- › Push and Pull side lays allow for handling wide ranges of material
- › 24 mm base plate 4 way micro adjustment for greater time savings on make ready
- › Oil tank built with air circulation for increased running time without thermal expansion
- › Central line registration system for faster make ready
- › High strength alloy gripper bars
- › Front and rear register device for enhanced stripping accuracy
- › Automatically activated auxiliary delivery curtain for non-stop running
- › Front edge waste removal for clean pile output



Your printing
& post press
business partner



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ALPHA LUNA106

Automatic Die Cutting and Creasing Platen



Beginning a new phase

Die cutting and creasing platens have heralded in a new phase with the creation of the Luna106.

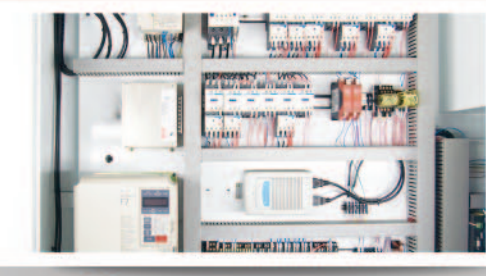
SBL Machinery (UK) Ltd and leading industry experts consisting of senior management and research and development staff are breaking boundaries in the post press sector. The collaboration has resulted in the formation of the new Taiwan based manufacturing company Alpha Machinery Co. Alpha Machinery Co, brings together the manufacturing expertise and quality with the local knowledge and field experience gained from continual customer feedback.

The first offering from Alpha Machinery Co will be the highly anticipated Luna106. Not only will the new machine bring increased productivity through speed and performance, but it will also ensure quality of production on a wide range of material. The Luna106 harnesses the expertise and knowledge attained from the years of experience from the combined design team. But that's not all. Our development department have questioned, probed and developed the ideas of operators, customers and clients to go beyond current die cutting convention. And the result. A new phase in die cutting machinery.



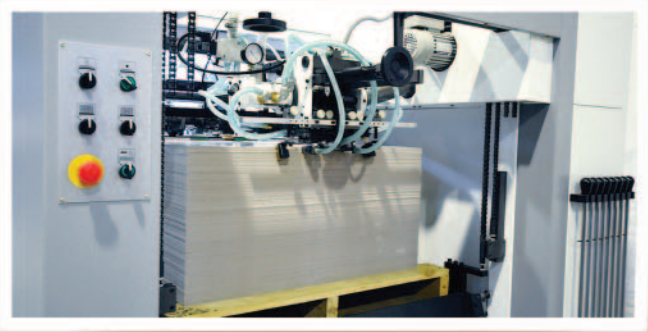
Delivery station

Front edge removal system fitted as standard with waste conveyor belt ejection unit. Automatic auxiliary delivery curtain to ensure uninterrupted production.



Electricity System

Modem control unit for remote maintenance via the internet. Accurate pressure sensor for minimal adjustments. Low maintenance and reliable components sourced from world leading manufacturers.



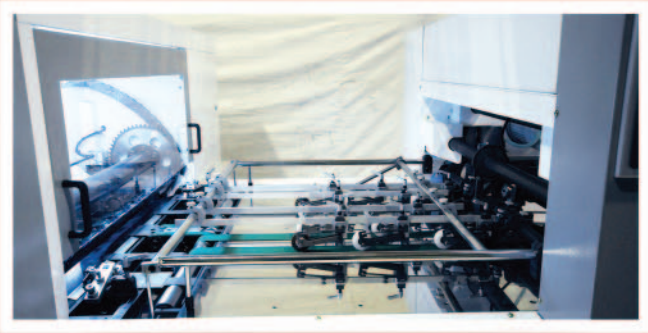
Feeder

Feeder adjustment and setup on the Luna106 is fitted with a quick adjustment system including additional accurate precision adjustment control. Continuous feeding device fitted for nonstop production.



HMI Touch Screen

Unique 10.4 inch touch screen technology with simple and logical navigation. Platen pressure adjustment through touch screen for greater operator control and flexibility. Touch screen technology for diagnostics, trouble shooting and photo cell override enables return to maximum speed quickly.



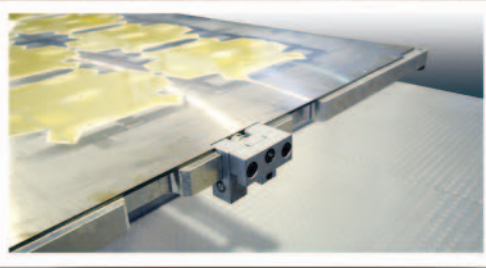
Feeder Table

Upper and lower conveyor belts to ensure stable feeding without tilt. Warp sheet detector device fitted and activated in the event of warp sheet detection. Small sheet system used to offer greater flexibility in production capabilities. Push/Pull lays to ensure perfect feeding on wide range of material.



Stripping section

Front and rear register device for accurate stripping at high speed. Unique stripping action design for increased accuracy at high speed. Quick lock stripping frame (optional).



Platen Section

Pneumatic locking system gives faster access to cutting plates, saving time during change over. 24mm under plate + 4mm cutting plate used for strength and excellent cutting consistency. 4 way micro adjustment system for faster make ready. Central line registration system for greater make ready speed on repeat jobs. Oil tank is built with air circulation for increased running time to prevent thermal expansion.

Optional extras

1. Motorized feeder pile adjustment
2. Vacuum belt system on feeding table
3. Lower heating plate system
4. Thin plate system
5. Quick lock cutting chase
6. Air blast for thin paper
7. Quick lock stripping system
8. Chase changer

Specification

		Luna 106 standard	Luna 106 with 300mm elevation
Feeder pile height	Without non-stop system	1400 mm	1700 mm
	Non-stop system	1100 mm	1400 mm
Delivery pile height	Non-stop system	950 mm	1250 mm

Maximum paper size	1060 x 760 mm
Minimum paper size	330 x 330 mm
Maximum cutting size	1050 x 740 mm
Maximum cutting pressure	300 Tons
Stock range	0.1-2 mm
Inner chase size	1155 x 852 mm
Face plate size	1076 x 756 mm
Maximum mechanical speed	8000 Sheet/hr
Power of main motor	11 kw
Other power	10.75 kw
Total power	21.75 kw
Machine length	5975 mm
Machine width	4033 mm
Machine height	2237 mm
Machine weight	17 Tons