

Autoprint Aloft

Paper Lifting Machine

Automatic paper lifting machine is a simple and highly useful accessory that can be used with any printing and packaging machinery to lift the heavy pile of paper to the working height without physical work. It eliminates the manual lifting of paper pile by the operator which reduces their body fatigue and makes the process easy and faster.



Benefits

- Increases the operator efficiency by reducing their body fatigue
- Proper stacking of paper pile is maintained during feeding
- Saves loading time of job
- Easy to lift larger size cartons
- It will be very useful to lift die punched cartons as manual lifting may damage the cartons.

Technical Specifications

Max. Lift Height	: 900 mm	Inner Distance Between	
Min. Lift Height	: 700 mm	Two Arms	: 536 mm
Max. Weight	: 400 Kgs	Outer Distance Between	
Max. Load Capacity	: 2000 Kgs	Two Arms	: 580 mm
Power	: 0.37 KW	Min. Distance Between	
Voltage / Amps	: 415 V / 1.5 Amps	Ground to Lifting ArmTop:	160 mm
		Dimensions (L x W x H)	: 980 x 1280 x 1470 mm



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Due to continuous development and product improvements, the company reserves the right to change/alter the specifications mentioned herein.

Autoprint Blankmatic 108 2H

Automatic High Precision Blanking Machine



Automate your Packaging Line with Autoprint Blankmatic 108 2H for ensuring Safety, Quality & Productivity

Autoprint is committed in bringing modern cutting-edge technology to its customers. A result of this commitment is Autoprint's Blankmatic 108 2H - an Offline Automatic Blanking Machine with 2 Heads designed to handle even the most intricate and detailed designs with high stripping speed. This reliable and high precision blanking machine is the perfect answer to meet the growing demand of medium and large format printers, finishing house as well as packaging units.



Features at a Glance

- Machine is equipped with PLC and touch screen interface for operation which makes it safe and user friendly
- Double guided rail and ball screw which ensures high accuracy
- Latest hydraulic system with oil temperature cooling system.
- 2 Blanking head for **A** and **B** type jobs
- Beam Sensor Front for operator safety in the front side
- Beam Sensor Back for operator safety in the back side
- Protection Cover Left & Right side for operator safety
- Door Safety Limit Switch : If the door is open, machine cannot run for operator safety
- Mechanical Limit switch for X & Y axis servo is addition to the non contact sensor, for the extra safety
- Additional emergency stop is provided for the moving arm assy
- Servo Safety Interlock for servo X & Y max' limit
- Hydraulic & Servo Safety Interlock provided
- Bellow Protection for 'X' axis screw rods to avoid the accumulation of dust
- Air Blow System provided for two bottom hydraulic units in order to clean the unwanted dust
- Pin locking sensor

Optional

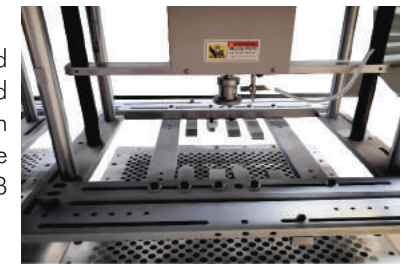
- Lifting table
- Conveyor belt / robotic arm

Other Models Available:

- Autoprint Blankmatic 108 1H
- Autoprint Blankmatic 92 2H
- Autoprint Blankmatic 92 1H
- Autoprint Blankmatic 78 1H

Stripping Station

The sheets are placed on the loading bed by clamping mechanism. This bed positions the sheet exactly under the stripping heads using double guided rail and ball screw mechanism. A hydraulic cylinder removes the blanks automatically with a program. This process is continued till all the blanks are removed. This machine is provided with two stripping heads to blank different types of jobs including A & B type.



Electric Cabinet

The electrical and electronics parts of the machine are all imported and branded which makes them reliable and safe for operation. All the electrical circuits are enclosed in an electric cabinet for safety purpose. The machine is controlled by two servo motor for smooth and safe operation.

Hydraulic System

There is a large working pressure required for blanking operation, so to accomplish this powerful hydraulic system with inserted motor and oil temperature cooling fan is used.



Touch Screen Interface

The machine is equipped with a touch screen interface. This PLC touch screen panel allows easy operation and maximum productivity. The programming is done through touch screen interface. Set up time is very fast for quick job changeover.

Technical Specifications

Max. Sheet Size (X, Y)	:	1080 x 780 mm
Min. Sheet Size (X, Y)	:	420 x 400* mm
Max. Stripping Size	:	500 x 500 mm
Min. Stripping Size	:	30 x 30 mm
Min. - Max. Pile Height	:	45 - 85 (Max.)** mm
Stripping Speed	:	1 - 20 (Max.)*** times / min
Bench Height	:	850 mm
Max. Pressure	:	100 Bar
Power Consumption	:	6 Kw
Air Compression	:	4- 6 Bar
Air Consumption	:	2 L/min
Voltage	:	360 - 420 V
Frequency	:	50 - 60 Hz
Current	:	10 A
Input Power	:	3 Phase
Weight	:	2400 Kgs (Approx)
Over all size (L x W x H)	:	3700 x 1910 x 2000 mm

* 300 x 300 mm also possible by using support blocks in both X and Y directions.

** Height depends upon the size of carton, number of ups, cutting quality, nicks used to hold the cartons & neat stacking / loading.

*** Depends on the size of carton, number of ups, cutting quality and operator skill.