

PASSION • PRECISION • PERFECTION





HISTORY

Our experience and knowledge accumulated in the innovation and technology forte, goes a long way back in time.

Established in 1994, we have developed a wide range of Plastic Packaging Machines.

In 2006, we diversified and entered the Digital Print Area , by manufacturing UV Coating and Curing Machines.

In 2011, we have developed a wide range of Binding machines for Single Side Prints and Double Side Prints. We have GLOBAL PATENT RIGHTS for the same. We not only Manufacture Machines, but Evolve Innovations. We transform Engineering into Art. Our constant Endeavour lies in Creating Masterpieces .

VISION

Pinnacle's accumulation of the most precious experience and expertise, is applied to guide and help the worldwide Small scale and Medium size Business associates and customers, with whom we work closely. Right from selecting the right Binding machines and then after ensuring the smooth operation and maintenance of the same. Our commitment to work is forever.

MISSION

Providing a complete support at an affordable price, without compromising on the quality of the Machines. This is especially beneficial to the Small and Medium sized companies. For premium range of Pinnacle's machineries whose applications are beneficial in all types of Digital Print Finishing purpose like Coating, Binding, Laminating, Creasing, Foiling etc.





V-Shape is our Globally Patented Technology

V-Shape Lay Flat Binding Technology is the best solution to create a Lay Flat opening along with landscape or Portrait picture in two different prints with V-Shape technology, so as to achieve a perfect merger of two prints





ADROIT^Z CLASSIC

V Shape Binding Machine

Description

Adroit Z Classic, helps programming Photo books, with varied specifications. The paper is manually placed at one end of the machine and the processed laminated prints come out from the other end. The entire process is carried out without any human intervention. Once the programming is pre-defined for each book, Adroit Z Classic carries on the entire process right from WINDOW CUTTING, HOLE PUNCHING IN V-SHAPE, DUST CLEANING, THERMAL LAMINATION. The Laminated sheets with Utter precision in entire operation feeding of the Prints and Cutting after Lamination is manual by hand. Thus, in no time, the entire stack of Photo Books is ready to be Stapled and Bound to take a V- Shape LayFlat open Photobook.

Key Features:

- 7" (inch) Touch Control Panel Display : Every aspects can be pre-programmed with 7"(inch) display with windows & PLC.
- Temperature Controller : Individual Temperature controller for both the Lamination Roller
- Manual Feeding. Specially Design feeding Roller which will on/off between two sheet so feeding can be accurate and at the same time we can maintain perfect gap between two sheets
- Cutting after Lamination : Manual (By Hand)



AVAILABLE SIZE

19" X 19" (Inch)



Max Paper Size
482mm x 482mm



Min Paper Size
320mm x 482mm

POWER SUPPLY



220V 50HZ

MAX. POWER CONSUMPTION

6000W





700
Sheets / Hour

AIR COMPRESSOR

Pneumatic Connection Required


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ACCU BIND ADROIT 401

Description

AccuBind Adroit 401 is a versatile Binding machine. The uniqueness lies in the multiple uses yet simple operations that are involved. AccuBind Adroit 401 executes three basic processes involved in Binding: Window Cutting /Creasing, V-Shape Hole Punching & Stapling. All these processes are programmed in a way, which the operator just feeds the prints manually. The V-Shape Photo Book is made with Window Cutting or Creasing also. Apart from this, one of the exceptional features consists of performing multiple operations on a single sheet in a single run. This helps in creating Fold Covers, Panel Card Fold Covers and Table Standees which can be used as Calendars, Menu Cards etc.



AVAILABLE SIZE

19" (Inch)



Max Paper Size
482mm x 482mm



Min Paper Size
320mm x 482mm

POWER SUPPLY



220V AC 50HZ

MAX. POWER CONSUMPTION

250W



700
Sheets / Hour

AIR COMPRESSOR

Pneumatic Connection Required


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LP-13 SLA THERMAL LAMINATOR

Description

This Booklet making machine with Auto Feeding and Manual Cut After lamination is a combination of Slitting & Double Side Lamination to create a Flat Open Photo Book for Double Sided Prints. You can use it either for Inline Slitting with Double Side Lamination or only for Lamination purpose.

• LP 13 SLM a Booklet making Machine is Manual Feeding and Manual Cutting after Lamination.


Key Features:


- User friendly LCD Control Display to operate various functions.
- High Accuracy Sensor has been provided to maintain Accurate Temperature.
- Easily controlled speed for varied papers and lamination films, speed up to 5 Mtr /min.
- 1"(Inch) core for small lamination film roll & 3"(Inch) core for jumbo Film roll.
- Standby mode to save the power consumption on idle condition of the machine.
- Dust cleaning system before slitting process.

* **Any type of Media/Paper STATIC CHARGE should be less then 2KW at the time of process**

AVAILABLE SIZE

13" (Inch)

 **Max Paper Size**
330 mm x 482 mm


 **Min Paper Size**
200mm x 200 mm

POWER SUPPLY

 **220V AC 50HZ**

PAPER THICKNESS
170 to 300 GSM

MAX. POWER CONSUMPTION



1500W
 **400**
Sheets / Min



LP 13 SLM




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LP-20 SL M THERMAL LAMINATOR

Description

This Booklet making machine with Manual Feeding and Manual Cut After lamination is a combination of Slitting & Double Side Lamination to create a Flat Open Photo Book. You can use it either for Inline Slitting with Double Side Lamination or only for Lamination purpose.

Key Features:

- User friendly Touch Control Display to operate various functions.
- High Accuracy IR Sensor has been provided to maintain Accurate Temperature.
- Easily controlled speed for varied papers and lamination films, speed up to 5 Mtr /min.
- 1" (Inch) core for small lamination film roll & 3"(Inch) core for jumbo Film roll.
- Standby mode to save the power consumption on idle condition of the machine.
- Dust cleaning system before slitting process.

*** Any type of Media/Paper STATIC CHARGE should be less then 2KW at the time of process.**



AVAILABLE SIZE

20" (Inch)



Max Paper Size
482mm x 482mm



Min Paper Size
200mm x 200mm

POWER SUPPLY



220V AC 50HZ

PAPER THICKNESS

170 to 300 GSM

MAX. POWER CONSUMPTION

2500W



400
Sheets / Hour

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ACCUSLIT B-20

Description

Normally in V-Shape Binding Technology, to strengthen the Media, we have to laminate the Media, after the Window Cutting Process.

Some Photobooks that are made by using a special Media, which has an exclusive texture and the Media itself has a rich and enhanced surface, e.g., Texture paper, Metallic paper, Luster paper, etc. Laminating the Special Media reduces the charm and richness of the Special Media.

We have designed a special machine, AccuSlit B-20, to solve this problem. AccuSlit B-20, Slits and Tapes the Spine Area, at the same time, by strengthening and adding flexibility to the Spine side, inspite of the Slitting process.

AccuSlit B-20 is a multi-functional Slit and Strip Bonding machine for creating a complete Lay Flat Opening in a PhotoBook.

Here, the Media is manually feeded. The Slitting distance from the Spine is adjustable. The Paper Guide, provided in AccuSlit B-20, helps in setting and maintaining the distance from the Spine, on one side. We have also provided a Digital Display Panel, to set the Slitting distance.

Key Features:

Key Features:

- Transparent adhesive tape provided for the image visibility, tenacious for proper holding of the prints and accurate binding.
- Easy operations with knob and a digital display to set the spine width.
- Auto indication before completion the tape roll.
- Built in automatic system for cutting tapped sheets.

AVAILABLE SIZE

20" (Inch)

 **Max Paper Size**
510 mm x 510 mm


 **Min Paper Size**
200mm x 200 mm

POWER SUPPLY

 **220V AC 50HZ**

MAX. POWER CONSUMPTION

500W


 **15 (A3 Size)**
Sheets / Min

AIR COMPRESSOR

Pneumatic Connection Required




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FOILAM 100 / 500

Description

Foilam 100 / 500 is Pinnacle's latest model developed, especially to give an exotic and enhanced finishing to the media / prints.

As the name implies, Foilam 100 / 500 is a compact model, that has two key functions of Laminating Double side Prints and Foiling the embossed UV Area. It is a PLC controlled version, which can Program Multiple Ups for Foiling area, this prevents wastage of Foil.

Key Features:

- Multiple Ups Program max 8 Ups.
- Separate Programs for Lamination & Foiling
- Compact design.



AVAILABLE SIZE

14" / 20" (Inch)



Lamination &
Foiling Area

305 mm / 508 mm

POWER SUPPLY



220V AC 50HZ

MAX. POWER CONSUMPTION

2000W




Up to 200
Sheets / Hour

AIR COMPRESSOR

Pneumatic Connection Required


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LP-13FL THERMAL LAMINATOR

Description

Thermal LP-13 FL is a compact model that has two key functions of Prints Foiling the embossed UV area & Black tonner and Lamination for Single side or Double side option.

Key Features:

- User friendly Keypad Display to operate various functions.
- Sensor has been provided to maintain Accurate Temperature.
- Easily controlled speed for varied papers and lamination films, speed is up to 5mtrs/min.
- Accurate Combination of Foiling and Lamination processes.
- Compact design.



AVAILABLE SIZE

13" (Inch)



Max Paper Size
330 mm x 510 mm



Min Paper Size
200mm x 200 mm

POWER SUPPLY



220V AC 50HZ

PAPER THICKNESS

125 to 450 GSM



MAX. POWER CONSUMPTION

1500W



450
Sheets / Min


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TLS 450 M THERMAL LAMINATOR

Description

Thermal Lamination TLS 450 m is Pinnacle's latest model developed, especially to give an exotic and enhanced finishing to the media / prints. This is a Manual Feeding Single side lamination machine with Auto cut system also comes with Foil Rewinding system.


Key Features:

- User friendly LCD Control Display to operate various functions.
- High Accuracy Sensor has been provided to maintain Accurate Temperature.
- Easily controlled speed for varied papers and lamination films, speed up to 5 Mtr /min.
- 1"(Inch) core for small lamination film roll & 3"(Inch) core for jumbo Film roll.
- Inline Trimming and Perforation
- Anti curl device
- Standby mode to save the power consumption on idle condition of the machine.



AVAILABLE SIZE

13" (Inch)

 **Max Paper Size**
330mm x 482mm

 **Min Paper Size**
200mm x 200mm


POWER SUPPLY

 **220V AC 50HZ**

PAPER THICKNESS
125 to 400 GSM

MAX. POWER CONSUMPTION

2500W

 **450**
Sheets / Hour

AIR COMPRESSOR

Pneumatic Connection Required


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LP-20 THERMAL LAMINATOR

Description

THERMAL LAMINATION LP-20 is a user friendly Touch Control Double side Thermal Lamination machine, where you can use the small thermal lamination roller of the film as well as the jumbo film roller.

Key Features:

- Accurate Temperature is maintained by the IR Sensor has been provided.
- Speed Controllers, for various papers and lamination films, with speed up to 5 mtrs/min.
- Heavy motors are provided for easy operations to run the jumbo film roller.

AVAILABLE SIZE

13" & 20" (Inch)



Max Paper Size
508 mm

POWER SUPPLY



220V AC 50HZ

MAX. POWER CONSUMPTION



2500W



Up to 5 meters / min



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DIGITEC UV M SERIES

2001
model

Description

The DIGITEC UV 2001 M, offers Coating & Curing with utmost precision, accuracy and consistency. This machine has separate Coating and Curing units for uniform coating on the Prints with different chemicals and a UV & IR Chamber for thorough Curing. DIGITEC UV 2001 M is suitable for all sorts of Offset and Digital prints like HP Indigo, Konica Minolta, Ricoh, Canon, Xerox, Kodak, Photo papers and more.

Key Features:

Easy to switch over the chemical connection lines.

- Two separate tanks and channels for two different types of chemicals
- Easy roller changing mechanism for obtaining variety of creative texture.



AVAILABLE SIZE

20" (Inch)



Max Paper Size
510 mm

POWER SUPPLY



3PH+N

MAX. POWER CONSUMPTION

6000W



2000
Sheets / Hour (A3)

AIR COMPRESSOR

Pneumatic Connection Required


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Description

The DIGITEC UV 2002 M Model is used for Coating & Curing with utmost precision, accuracy and consistency. This machine provides two Coaters for coating Prints with two different chemicals simultaneously and a UV & IR chamber for thorough Curing.

This two-station facility gives an added advantage to the Photo Book manufacturers and digital print shops as they provide different features in a Single Photo Book.

Digitec UV 2002 M is suitable for all sorts of Offset and Digital prints like HP Indigo, Konica Minolta, Ricoh, Canon, Xerox, Kodak, Photo papers and many more.



Key Features:

- Two separate Coaters, Chemical Tanks and Channels for two different types of chemicals.
- Easy Roller Changing Mechanism for obtaining variety of creative texture.
- Easy to switch over the Chemical Connection Lines.

AVAILABLE SIZE

20" (Inch)



Max Paper Size
510 mm

POWER SUPPLY



3PH+N

MAX. POWER CONSUMPTION

6000W





2000
Sheets / Hour (A3)

AIR COMPRESSOR

Pneumatic Connection Required


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LF 600 mB

Description

LF 600 mB is a semi automatic book block system which produces Lay Flat book blocks from single folded sheets. It can make photo book not only by gluing paper back to back but also by inserting cardboard between sheets.

Key Benefits :

- Manual feeder for folded sheets and cardboard.
- Flexible production for different close book sizes 6"x 6" to 18"x 20".
- Hot melt gluing technology; cheaper cost and faster delivery.

AVAILABLE SIZE

18" (Inch)



**MAX. CLOSE BOOK
BLOCK SIZE** 18" x 20" (Inch)



**MAX. THICKNESS OF
BOOK BLOCK** 50mm

MAX. POWER CONSUMPTION

2000W



POWER SUPPLY
220V AC 50HZ



600
Sheets / Hour

AIR COMPRESSOR

Pneumatic Connection Required



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LF 1000 All-In Max

Description

LF1000 All-In Max is a fully automatic Book Block system which produces Lay Flat book blocks from single sheets. It can make photo book not only by gluing paper back to back but also by inserting cardboard between sheets. It is all in one station; creaser and folder are included; it is high speed and good for professional photo book.

Key Benefits :

- All in one system: Integrated auto feeding, gluing and assembling units;
- Automatic paper alignment system;
- Flexible production for different Close Book sizes: 6"x6" to 18"x 18";
- Hot melt gluing technology



AVAILABLE SIZE

18" (Inch)



MAX. CLOSE BOOK

BLOCK SIZE 18" x 18" (Inch)



MAX. THICKNESS OF

BOOK BLOCK 50mm

MAX. POWER CONSUMPTION

2000W



POWER SUPPLY

220V AC 50HZ





1000

Sheets / Hour

AIR COMPRESSOR

Pneumatic Connection Required

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CREASING CRP 33

Description

This is a Manual Feed High speed auto Creasing and Perforation machine with Multiple ups.

Key Features:

- Optional linear perforating blade and scoring blade
 - Max 32 Crease in single pass
 - Programme memory 30
- Skew adjustment.
- Crease bar auto release when paper jammed.
- Can creasing on laminated / UV coated paper.
- LCD panel operation display.



AVAILABLE SIZE

13" (Inch)



Max Paper Size
330mm x 914mm



Min Paper Size
50mm x 100mm

POWER SUPPLY



220V AC 50HZ



PAPER THICKNESS

100 to 350 GSM



2500
Sheets / Hour


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CREASING CRP 33A

Description

This is a Auto Feeding High speed auto Creasing and Perforation machine with Multiple ups and inline perforation option.

Key Features:

- Optional linear perforating blade and scoring blade
 - Max 32 Crease in single pass
 - Program memory 30
- Skew adjustment.
- Crease bar auto release when paper jammed.
- Can creasing on laminated / UV coated paper.
- LCD panel operation display.



AVAILABLE SIZE

13" (Inch)



Max Paper Size
330mm x 914mm



Min Paper Size
152mm x 152mm

POWER SUPPLY



220V AC 50HZ



PAPER THICKNESS

100 to 350 GSM



2500
Sheets / Hour


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