



Product Technical Specification

ADROIT Z Classic
V-Shape Layflat Binding

Adroit Z Classic (19"x 19")

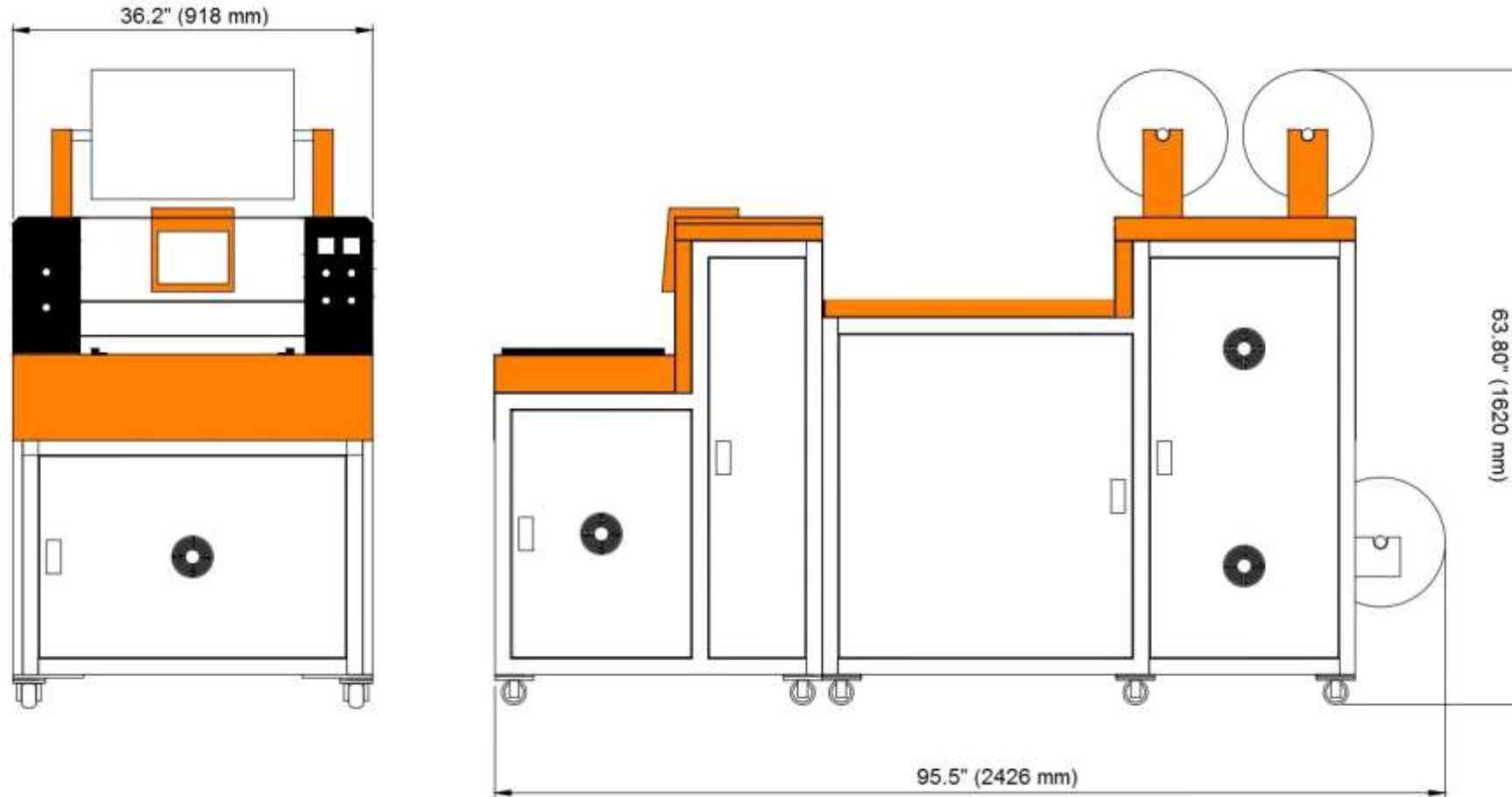


V-Shape Layflat Binding



ADROIT Z Classic

FLOOR DIMENSION



TECHNICAL SPECIFICATION

MACHINE DIMENSION	965 x 2438 x 1575 (mm) 19" x 19"
POWER SUPPLY	220V AC (50 Hz)
POWER CONSUMPTION	6000 WATTS
SPEED	500 SHEETS / HOUR
MAX PAPER SIZE	482 mm x 482 mm 19" x 19" (INCH)
MIN PAPER SIZE	317.5 mm x 381 mm 12.5" x 15" (INCH)
PAPER THICKNESS	MIN 150 gsm – MAX 300 gsm
SYNTHETIC PAPER THICKNESS	MIN 0.125 mm – MAX 0.175 mm
AIR COMPRESSOR	PNEUMATIC CONNECTION REQUIRED

*** In Non Tear paper static charge should be less then 2KW at the time of binding process**

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 stake of Photo Books is ready to be Stapled and Binded to take a V- Shape LayFlat open Photobook.

FEATURES

❖ 7" (inch) Touch Control Panel Display

Every aspects can be pre-programmed with 7"(inch) display with windows & PLC
Easy & User-friendly touch control program for V-Shape Layflat Binding

❖ 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

❖ V-Shape Process

Innovative Patented technology for V-Shape lay flat binding

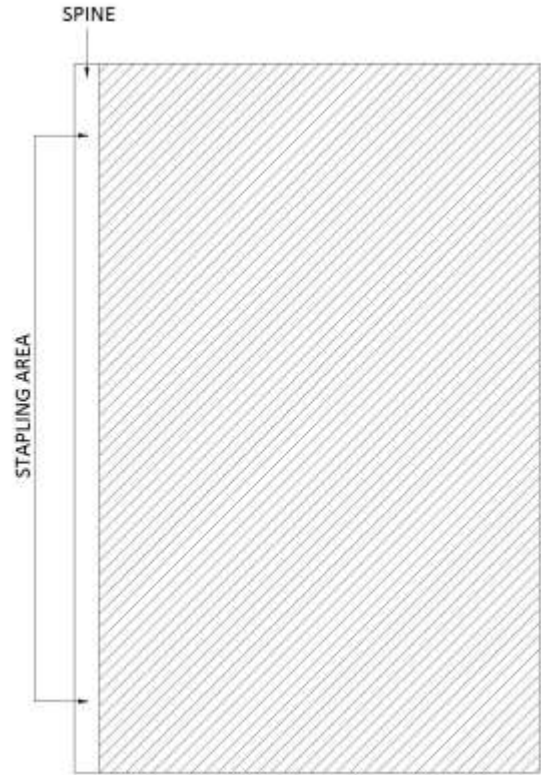
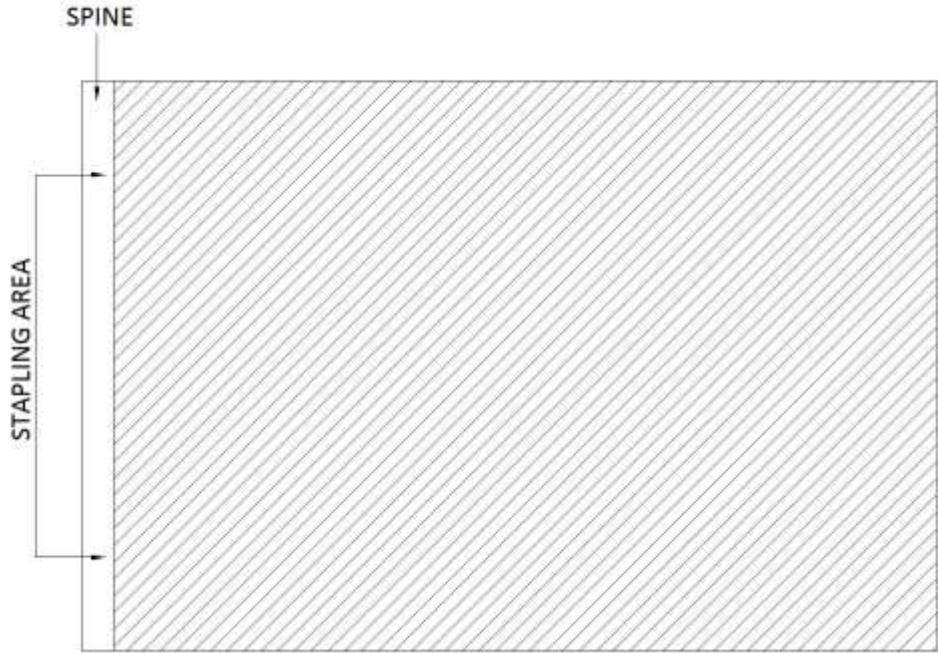
❖ Cutting after Lamination

Manual (By Hand)

STAPLER UNIT

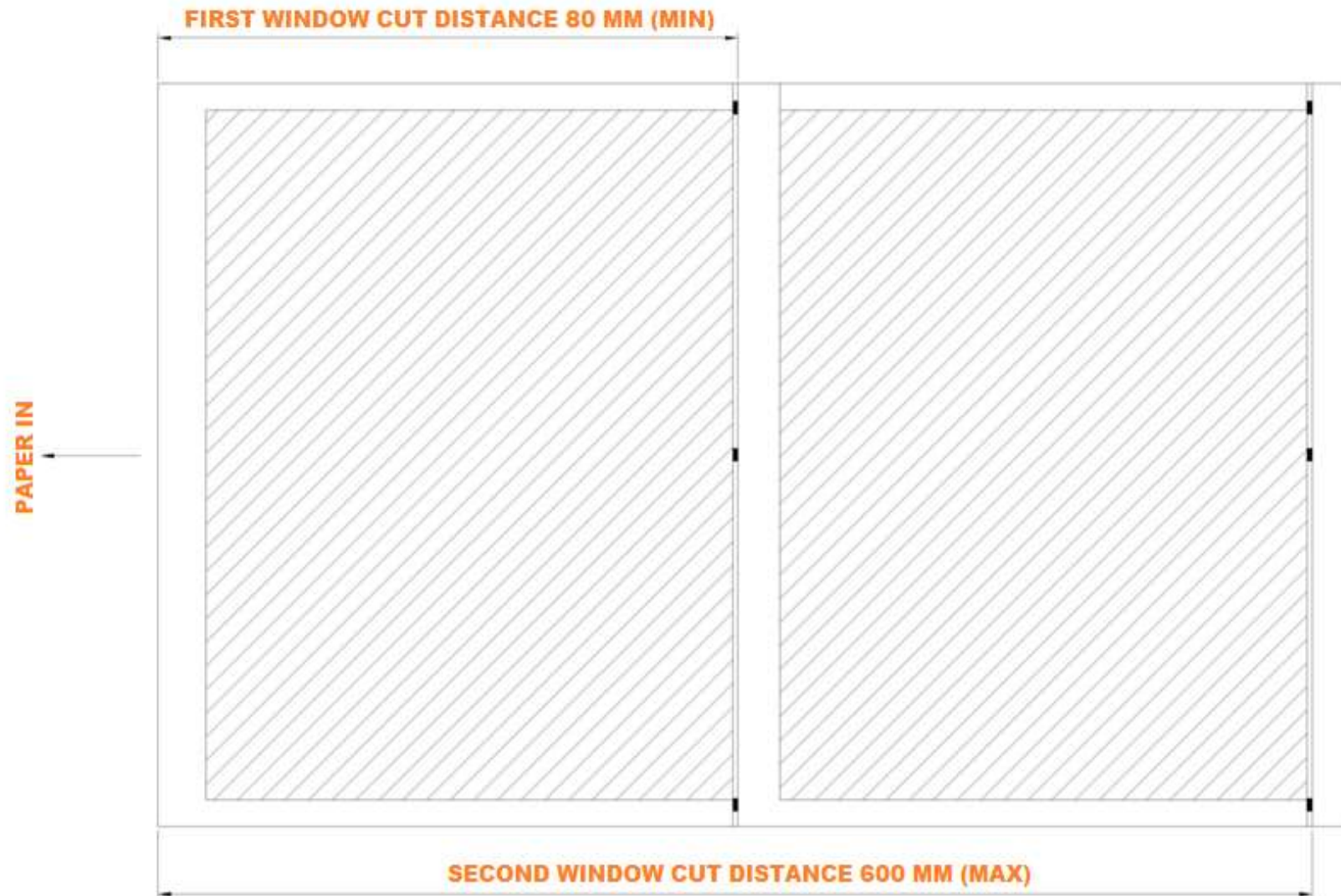


SPINE & STAPLING AREA

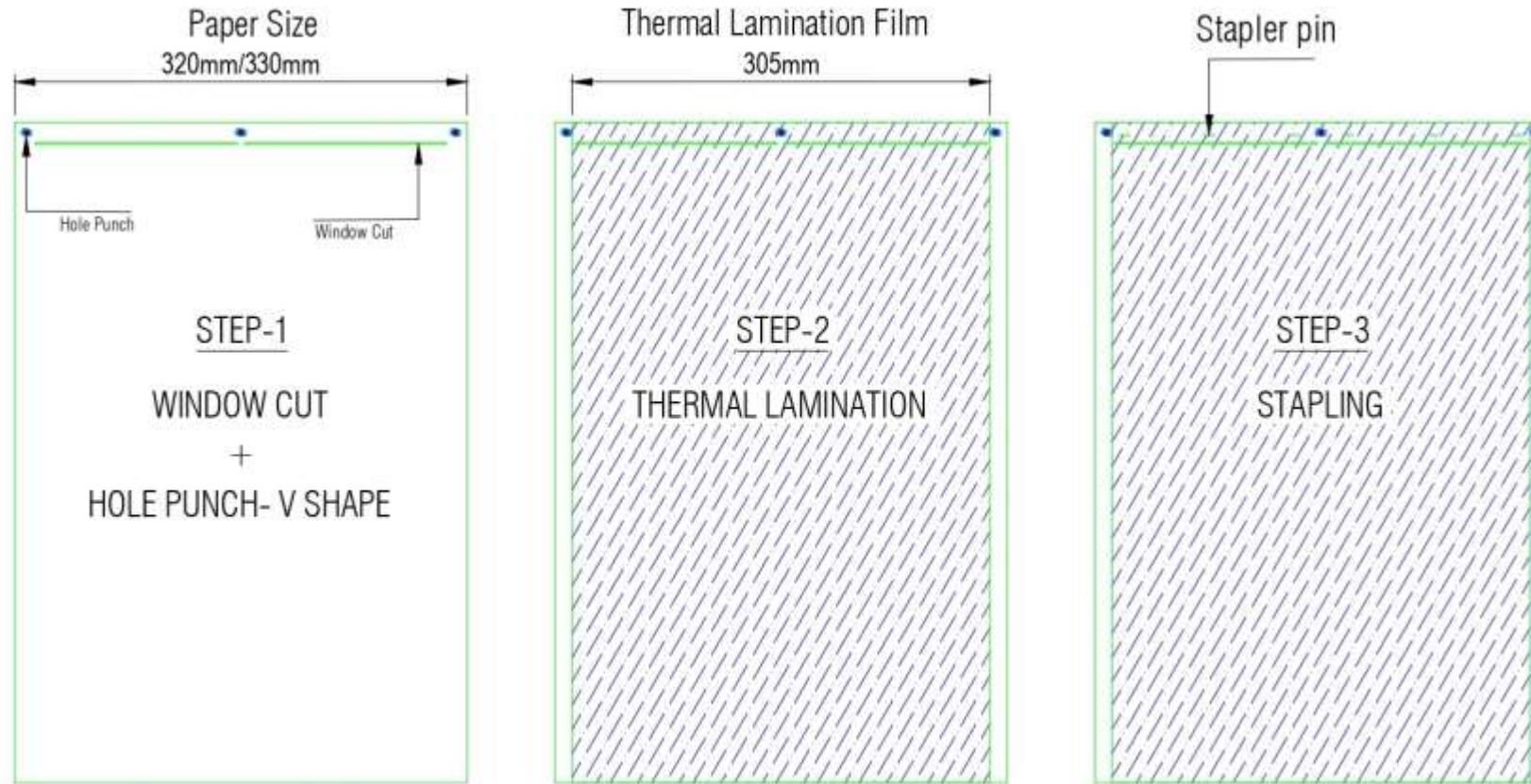


NO. OF PAGES	REQUIRED SPINE DISTANCE
10 TO 40	15 MM
40 TO 60	18 MM
60 TO 80	20 MM

MULTIPLE WINDOW CUTTING



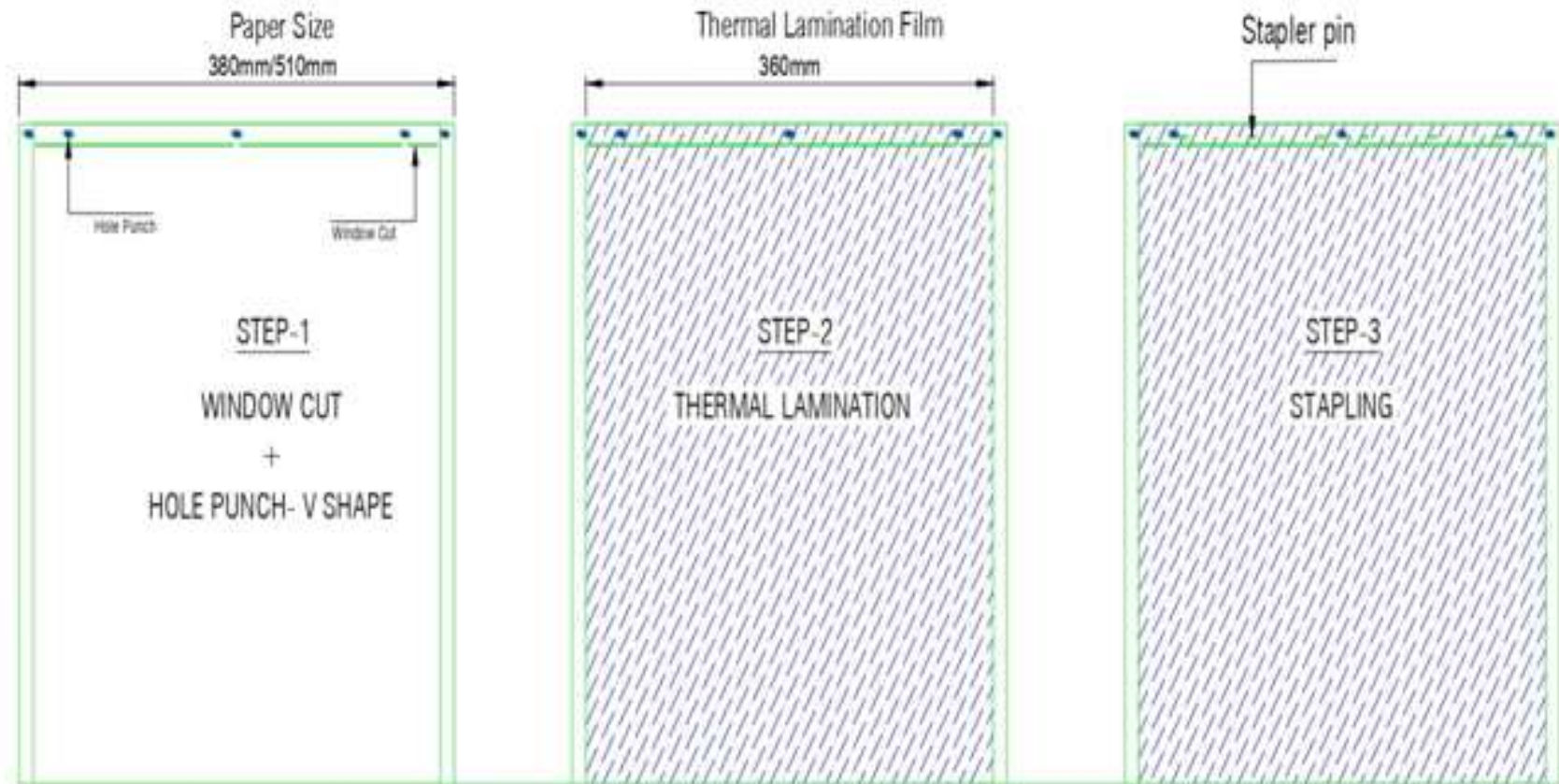
PROCESS



RECOMMENDED DETAILS

- 1: PAPER SIZE 320mm X 470mm OR 330mm X 482mm
- 2: PRINTING SIZE 300mm APPROX
- 3: THERMAL FILM SIZE 305mm

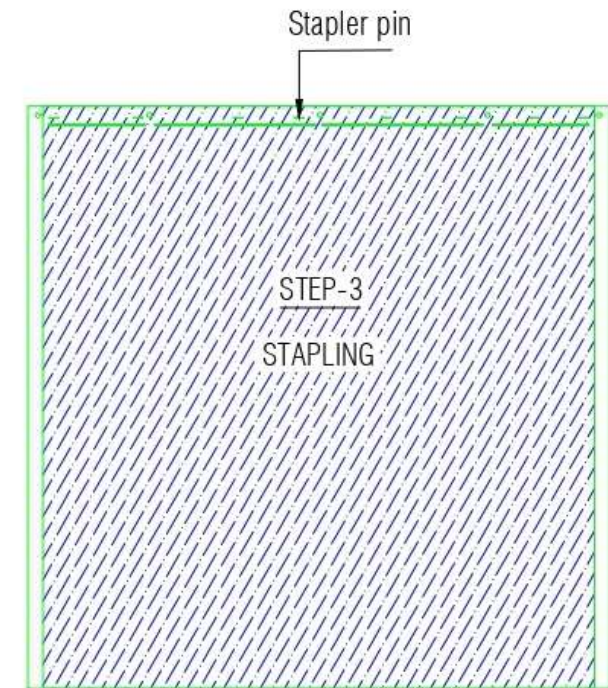
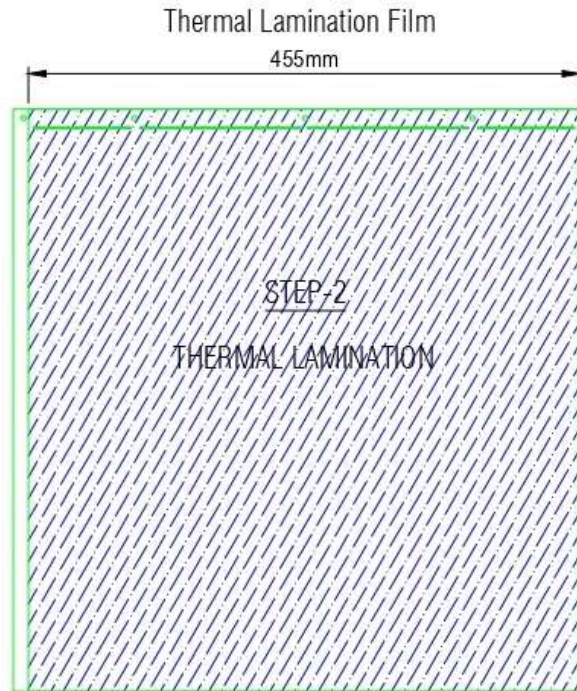
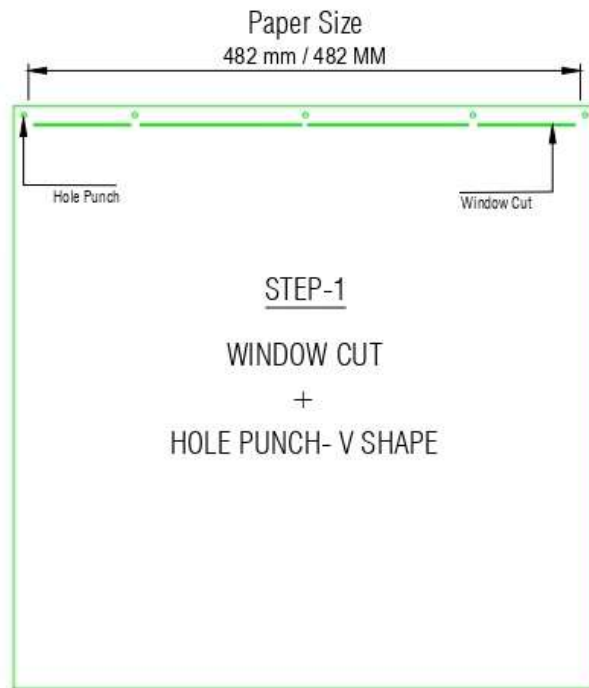
PROCESS



RECOMMENDED DETAILS

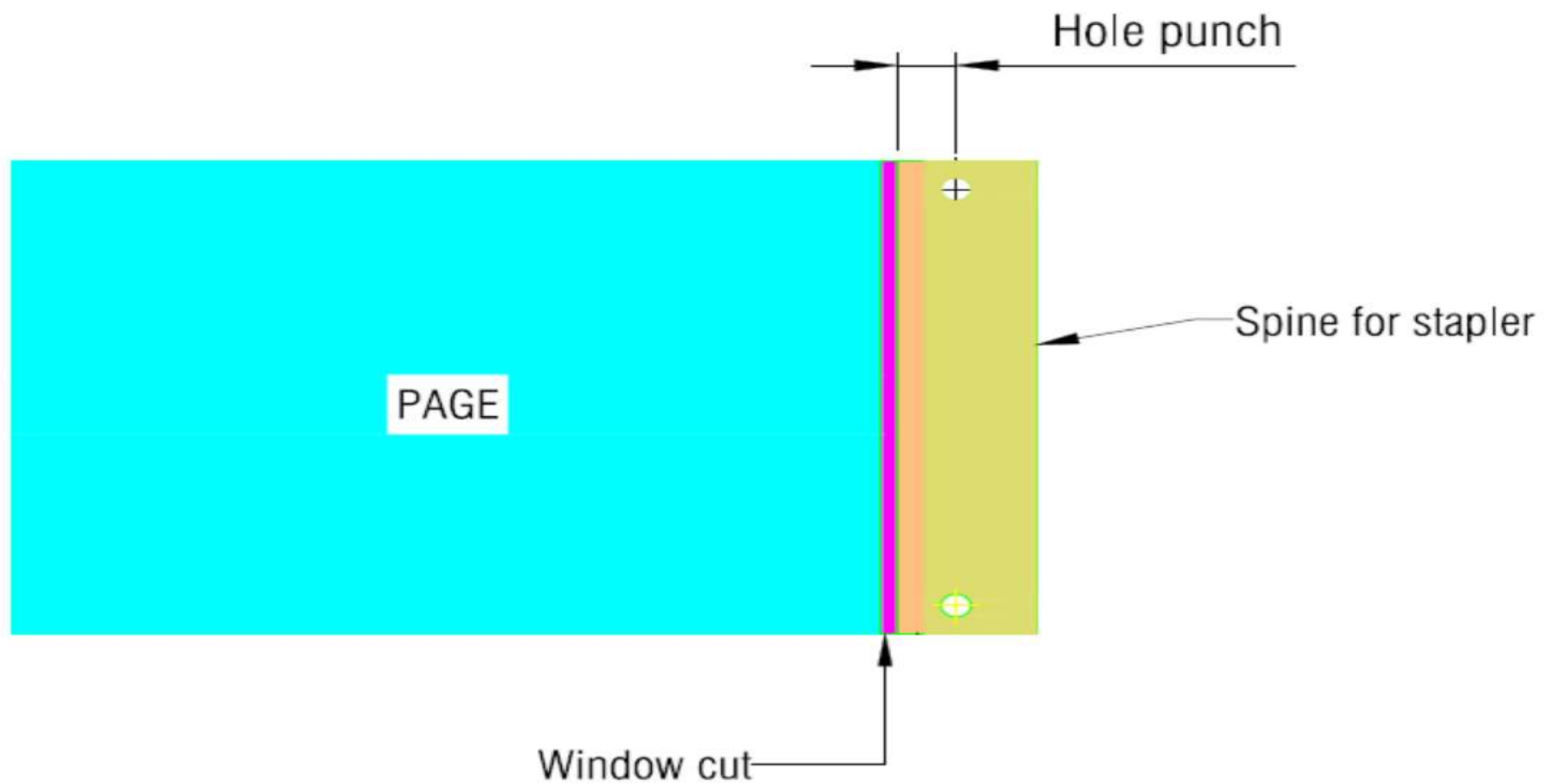
- 1: PAPER SIZE 380mm X 510mm
- 2: PRINTING SIZE 355mm APPROX
- 3: THERMAL FILM SIZE 360mm

PROCESS

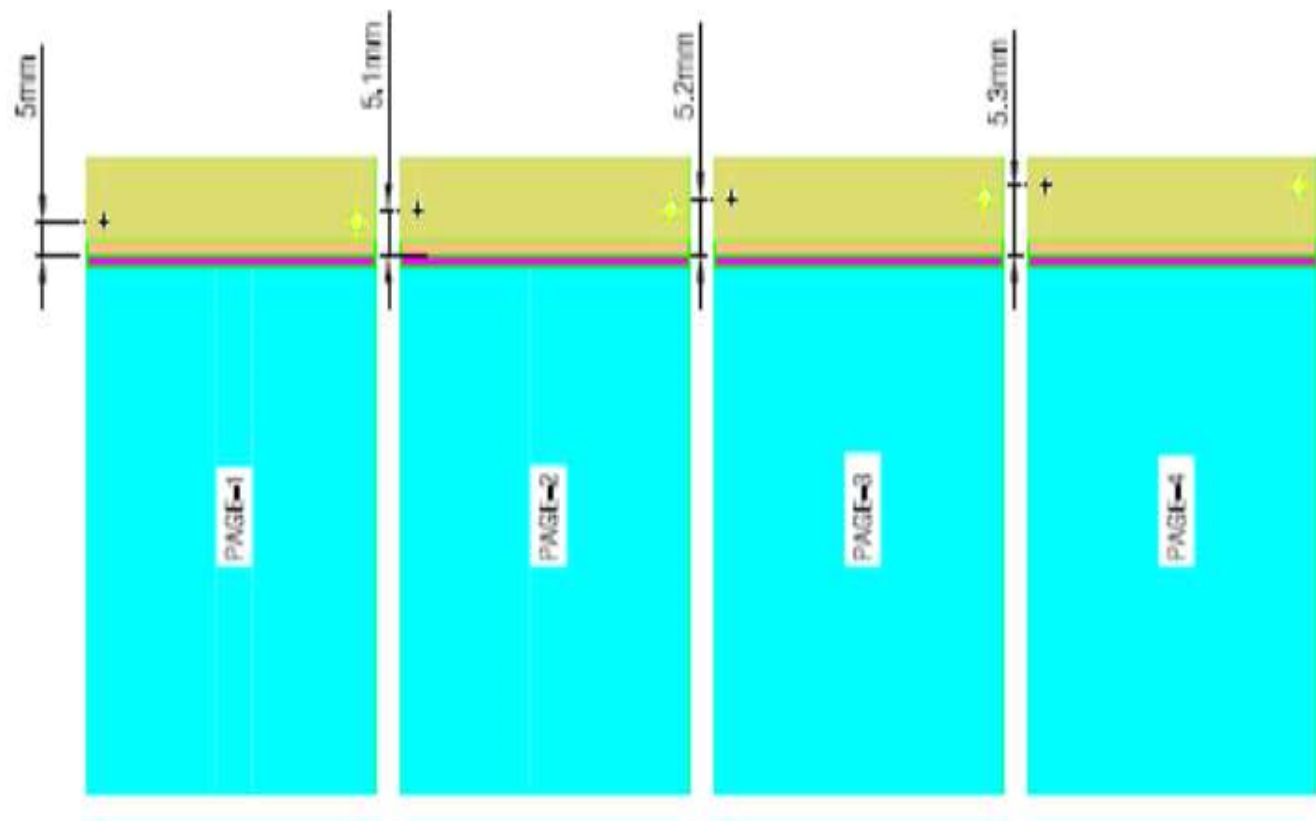


RECOMMENDED DETAILS

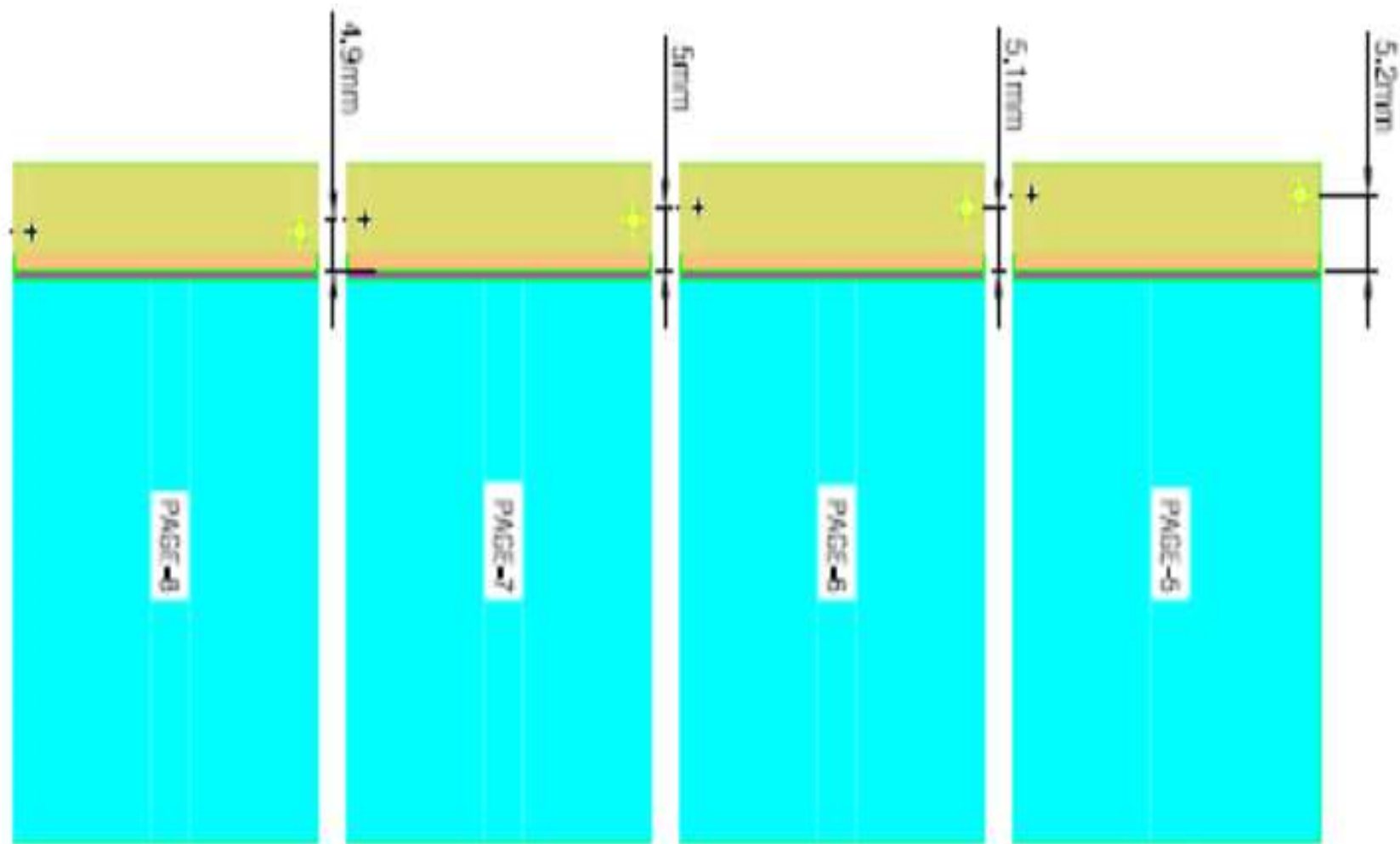
- 1: PAPER SIZE 482mm X 482mm
- 2: PRINTING SIZE 450mm APPROX
- 3: THERMAL FILM SIZE 455mm



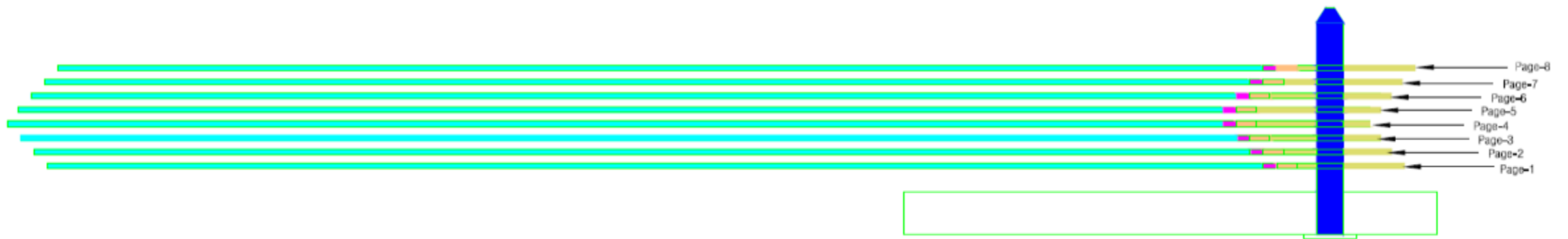
The length of each page is uniform and window cut / slitting is at one position only, the Hole punch location shifts with every page in an increasing and decreasing mode, from 50% of page (example if page number is 8 then in the first 4 pages the hole will be in an increasing mode and the balance pages are in a decreasing order.



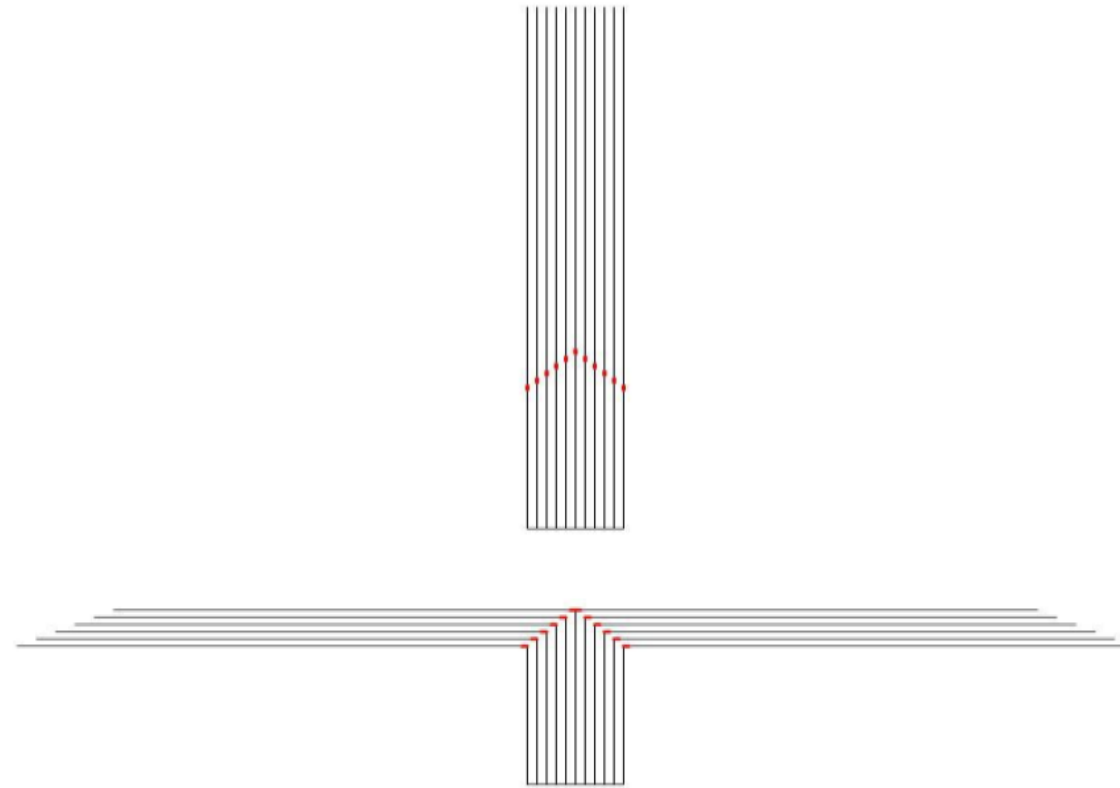
This Image : Increasing Mode



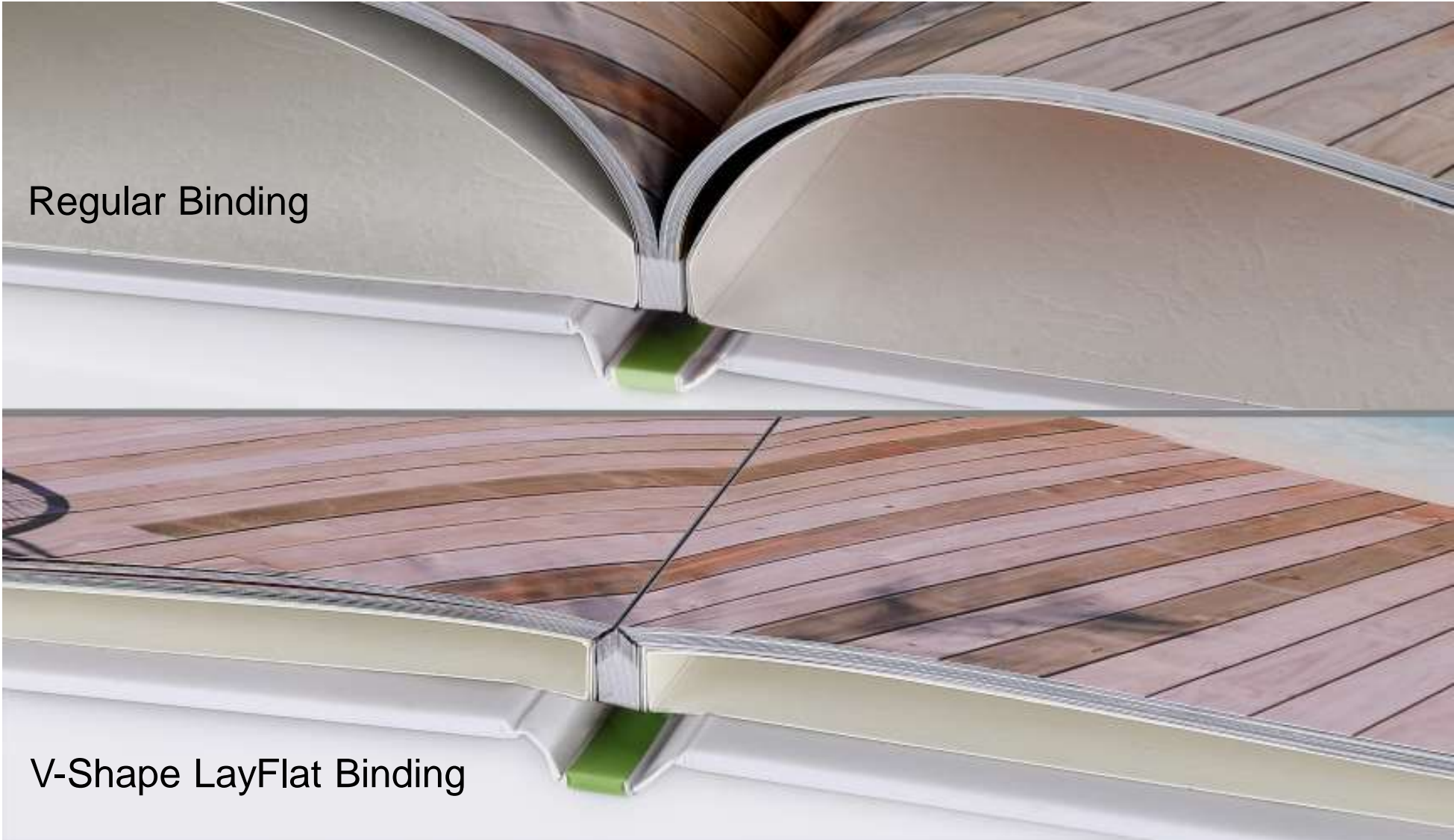
This Image : Decreasing Mode



When you place all the pages in consequently sequenced manner, in the vertical pin (Blue color) provided , all the pages will align automatically and form a V-Shape.



Window cut is at one position only, so a print having panoramic landscape image spreaded in two different pages, matches perfectly with the help of V-Shape lay flat binding technology.



Regular Binding

The image shows two open books side-by-side. The top book, labeled 'Regular Binding', has pages that are slightly curved away from the spine. The bottom book, labeled 'V-Shape LayFlat Binding', has pages that are flat and form a V-shape at the spine. Both books have a light green bookmark visible in the center fold.

V-Shape LayFlat Binding





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