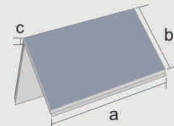
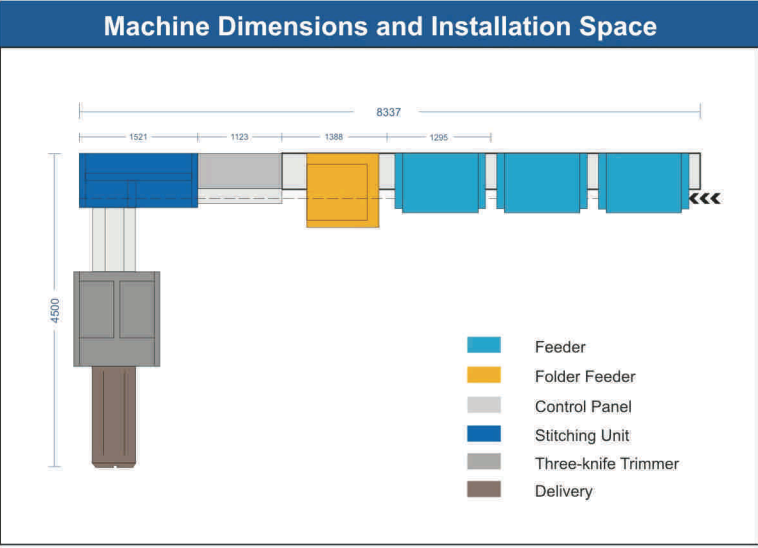


Technical Data	
Machine Model	Pearls-8000
Max. Mechanical Speed	8000 cycles/h
Max. Untrimmed Book Size(a*b)	365-305 mm
Min. Untrimmed Book Size(a*b)	155-105 mm
Max. Trimmed Book Size(a*b)	365-300 mm
Min. Trimmed Book Size(a*b)	150-76 mm
Max. Stitching Thickness(c)	5 mm
Power Required	12.5 kw
Machine Weight	3800 kg
Machine Dimensions(L ×W ×H)	8300×4500×1400 mm

Stitching Size





* The machine design and specification are subject to change without notice.



Pearls-8000

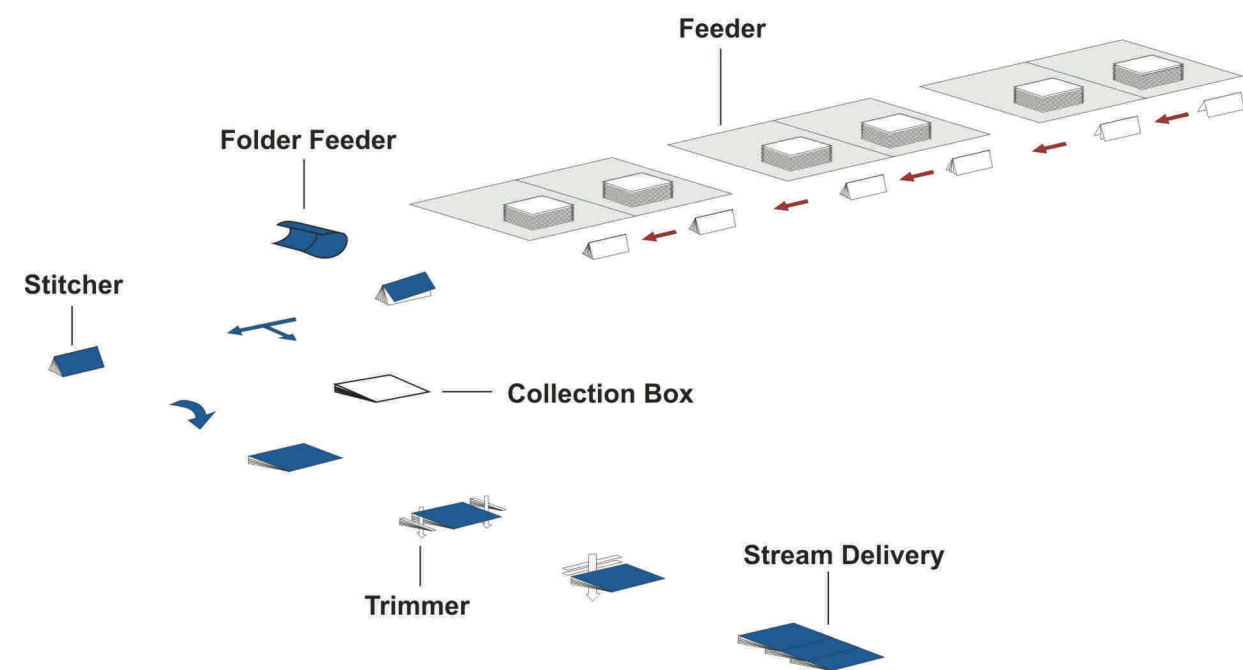
Your Ideal Saddle Stitching System



The automatic saddle stitching system Pearls-8000 provides a cost-effective solution from signature gathering, stitching to trimming. The clearly arranged, compact design and central touch screen control allow the machine operator to monitor current production conveniently. Simple operation combined with the space saving layout makes this machine an ideal choice for commercial runs.

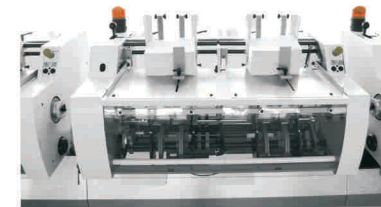
- Easy operation with touch screen control and large viewing windows
- Space saving layout with simple operation
- Reliable feeding, stitching, and trimming quality
- Fast make-ready by position indicators

Work Flow



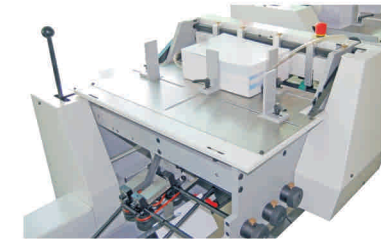
Outstanding Features

1 Twin Feeder



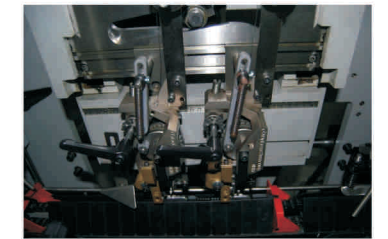
Up to four compact twin feeders with large capacity flat pile hoppers can be equipped to ensure large and consistent output. Signatures with low/high folio laps or even laps in a wide range of formats can be opened by grippers or vacuum system. 1:1 or 1:2 speed modes can be chosen.

2 Folder Feeder



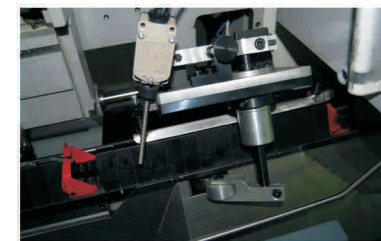
After the cover is scored along a predetermined line, it is folded along the scored line, fed onto the gathering chain and transported to the saddle stitcher.

3 Stitching Section



Up to four Deluxe stitching heads can be mounted on the Pearls-8000. Honher stitching heads are offered as an option. During operation the stitching heads are travelling back and forth together with the signatures.

4 Quality Assurance



Thickness inspector guarantees that only complete copies are stitched and trimmed. The signatures monitored as too thick or too thin are not stapled and are rejected for reloading. Optional image recognition detector and missing stitch detector can be equipped.

5 Three-knife Trimmer



The three-knife trimmer is quick and easy to set up using handwheels with position indicators. Products are trimmed precisely and reliably right from the start-up. First the head and foot is trimmed, and then the book is delivered to the front cut knife where a precise side cut is made. Knife for split cut is offered as an option.

6 Stream Delivery



The completely trimmed books are gently carried by the transport belts into the stream delivery process.

Pearls-8000
Stitching Line

