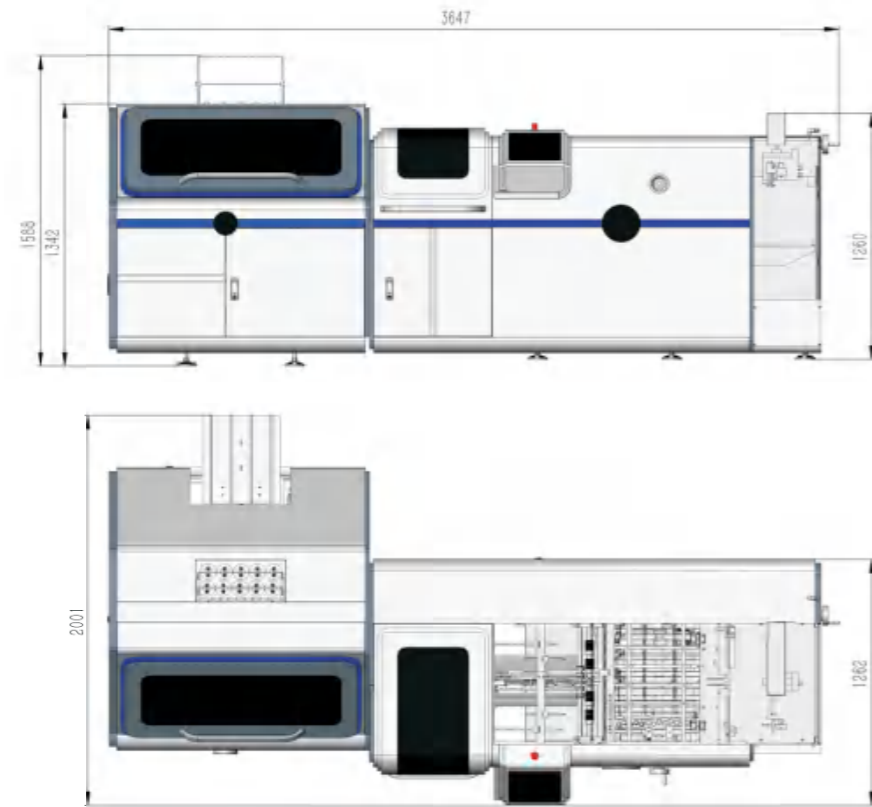


## SPADA DIGITAL SEWING MACHINE



### ■ Sewing Feeder

#### Technical Specifications:

Flat sheet min. format	150x240mm
Flat sheet max. format	410x540mm
Maximum loading height	600mm
Paper weight	55-170 gsm
Maximum speed	135 mt/min
Net weight	600KG
Compressed air	7 Bar constant
Power	2KW
Power supply	380V, 50 H, 3 phase

### ■ Sewing Machine

#### Technical Specifications:

Min. sewing size	150x120mm
Max. sewing size	410x220mm
Max. needle group	10
Needle Interval	20mm
Mechanical speed	50-85 signatures/min
Power	1.7 kw
Net weight	1000 kg

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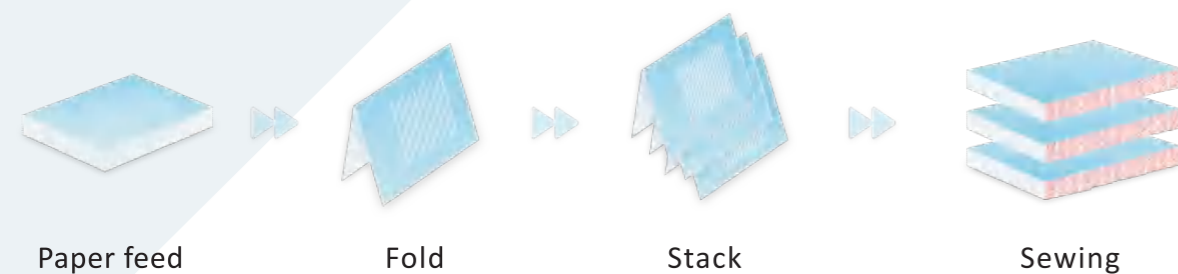
PINGHU BINDEX MACHINERYCO., LTD.



YOUR SOLUTION FOR THE  
DIGITAL THREAD SEWING OF BOOKS

## INTEGRATED THREAD SEWING SYSTEM WITH FEEDER FOR DIGITALLY PRINTED FOUR-SIDED SHEETS

Your digitally printed and sequentially arranged four-sided sheets will be taken from a suction feeder, creased, folded and crossed in a number that you have previously defined, so as to make up the signature in a variable number of sheets 4, 8, 16, etc., for the same book.



The signatures are then automatically fed into the sewing machine for thread sewing, which is repeated until the book is completed.

At this point, the sewing machine performs an empty step and cuts the thread; it then starts again to automatically compose another volume.



### MAIN FEATURES

- PLC controlled machine;
- Encoder for phase management;
- Colour touch screen for data input for programming, machine management and displaying errors; ( 1 )
- Memorisation of repetitive work for quick start-up;
- Universal creaser for any paper grammage;
- Combined pump for suctioning the sheets from the feeder and blower for leafing the paper;
- Double or missing sheet check with ultrasonic sensor without any adjustments by stopping the machine during operation; ( 2 )
- Sequence control with black mark detection that you apply to a signature of your choice;
- Possibility to change the sequence to correct double, missing or jamming errors;
- Feeder with battery charger and self-aligning motorised suction head; ( 3 )
- Maximum speed 135 mt / min. ( 4 )

