



## Semi-Automatic Sewing Machine & 3-Knife Trimmer





Codar  
Printing Equipment

# Semi-Automatic Sewing Machine



## SX-460E

SX-460E (Program-Control Model) is programmable semi-automatic sewing machine is used to sew the books which are gathered in gathering machines. Outstanding features includes: stable performance, wide sewing range, broken thread and broken needle detector, no-thread hooking, wrong signature detector, low noise, convenient operation, frequency speed control, safety design and etc. PLC program-control system is adopted in this machine. During operation, thread broken, needle broken, no-thread hooking, excessive signature or lack signature can be detected and reported. As unstable feeding caused of different signature thickness is improved, so stability and working range (thin needles, closer needle sets) are greatly enhanced. It is widely used for paper-cover books or hard-cover books.



# QS100C

## Three-Knife Trimmer



### Features :

1. Automatic Lubrication System with less maintainance; program controlled, easy to operate.
2. Two Hand Cutting System and Cutting Delay System make cutting process safe.
3. Two arm pusher provide smooth and stable delivery of books at belt.
4. High cutting precision.
5. 2 sets of Knife Frame for fast job change over.

### Specifications :

Max. Cutting Size : 420mm x 300mm  
Min. Cutting Size : 80mm x 80mm  
Max. Cutting Height : 100mm  
Min. Cutting Book Height : 8mm  
Min. Single Cutting Height : 5mm  
Cutting Speed : 28/min  
Power : 4kw  
Overall Dimension : L2300mm x W2250mm x H1750mm  
Machine Weight : about 2300kg

# QS100B

## Three-Knife Trimmer

### Features :

1. Automatic Lubrication System with less maintainance; program controlled, easy to operate.
2. Two Hand Cutting System and Cutting Delay System make cutting process safe.
3. Two arm pusher provide smooth and stable delivery of books at belt.
4. High cutting precision.

### Specifications :

Max. Cutting Size : 380mm x 300mm  
Min. Cutting Size : 80mm x 80mm  
Max. Cutting Height : 100mm  
Min. Cutting Book Height : 8mm  
Min. Single Cutting Height : 5mm  
Cutting Speed : 25/min  
Power : 3kw  
Overall Dimension : L2100mm x W2250mm x H1750mm  
Machine Weight : about 3000kg



  
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**SX-460C-1**



**SX-460C**



**SX-460D**



**SX-460B**  
( for Extra Large Size Book)



**SX-460B**



**SX-460A**

## Technical Parameter

Model	SX460A	SX460B(E)	SX460B	SX460C	SX460C-1	SX460D	SX460E
Max. Sewing Size (mm)	460*310	630*460 (720*460)	460*460	460*230	460*230	460*310	460*310
Min. Sewing Size (mm)	150*100	150*100	150*100	150*100	150*100	150*100	150*100
Sewing Speed (Cycles/minute)	50	65	65	85	100	85	100
Qty. of Needle Sets (max)	10	16	12	11	11	11	11
Needle Interval (mm)	19	19	19	19	19	19	19
Power Required (KW)	0.55	0.55	0.55	1.6	1.6	1.6	1.6
Overall Dimensions (mm)	530*1400* 1445	1500*1470* 1445	1500*1300* 1445	2300*1400* 1400	2300*1400* 1400	2300*1400* 1400	2300*1400* 1400
Machine Weight (KG)	650+/-	1,000+/-	850+/-	1,100+/-	1,100+/-	1,100+/-	1,100+/-