

THE LEADER OF GROOVING &
SLITTING MACHINERY



KLZ-935L

**Automatic thin paperboard
grooving machine**

ZHEJIANG SAILI MACHINERY CO.,LTD

ZHEJIANG SAILI MACHINERY CO.,LTD is the leader of grooving machine, cardboard slitting machine,related package machine and filed for box making.

Our company is located in Wenzhou City, covering an area of 6,280 square meters, with a building area of 2,800 square meters. With 50-million-worth fixed assets, we employ over 210 personnel,including 50-60 professional technical talents and 3 senior engineers.Through over 20 years of rapid development, our company has adopted a streamline modern management operation system covering R&D, manufacturing and distribution network. We supply technical support, installation guidance, and other services. Our products enjoy a high quality reputation and have been warmly received by our customers.



KLZ-935L

SAILI Opinions

Automatic thin paperboard grooving machine (one feeder)



Description of machine:

KLZ-935L is independently developed and produced specially for Apple box company, it can do the thickness from 160gsm to 400gsm, and meanwhile, the traditional grooving technology, the paperboard surface with laminated will have the scratching problem, it will be affect the product's quality. Now KLZ-935 use Feida air suction nozzle for adsorb the paperboard to conveyor, so it avoid the friction between the upper and lower paper, and solve the scratching problem and keep the paperboard surface well.

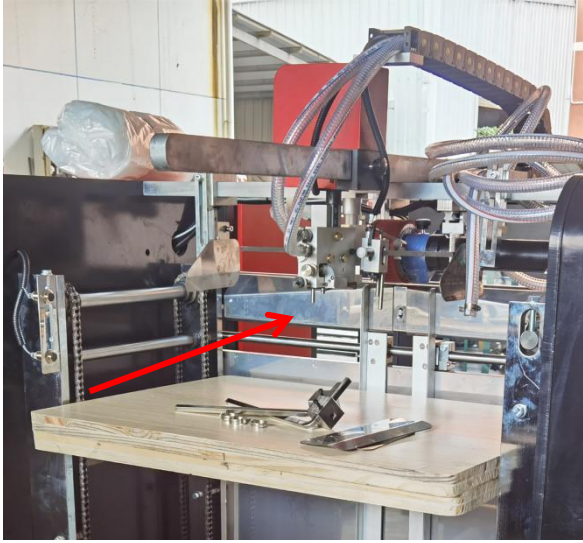
Function:

- 1. It is special designer for cutting V grooving into the cardboard that thickness from 200gsm to 350gsm, help for folding paperboard into box as more stereo feeling, and also improve the grade of box quality.**
- 2. Specially for making the thin paperboard, such as mobile phone box, chocolate box, special designer paper box,etc.**
- 3. Use high speed feeder for sub-sheeting feeding, resolve the scraping problem of special paperboard.**
- 4. When two paperboard is feeding in one time, the machine will be shut down automatically.**

Technical Parameters:

<i>Model</i>	KLZ-935L
<i>Material size:</i>	180-650mm(L);200-1000mm(W)
<i>Thickness:</i>	200g-350g
<i>Grooving Line Accuracy:</i>	±0.1mm
<i>Feeding Method:</i>	By Upper wind-taking
<i>Board Collection Method:</i>	Vibrating plate receiving
<i>Angle of Knife Holder:</i>	Separately Adjust
<i>Speed:</i>	100pcs/min(300*300mm, one feeder)
<i>Groove degree:</i>	90°-130° adjustable
<i>Power:</i>	8.0kw
<i>Max grooving lines:</i>	12 grooving lines max
<i>Knife holder standard :</i>	total 12 sets knife holder(6set of 90° +6 set of 120°)
<i>Knife beams max:</i>	3 beams
<i>Machine size:</i>	3415*1782*1420mm
<i>Weight:</i>	1820KG
<i>Voltage:</i>	380V/3 phase/50HZ

Machine picture:



FEIDA Feeding System

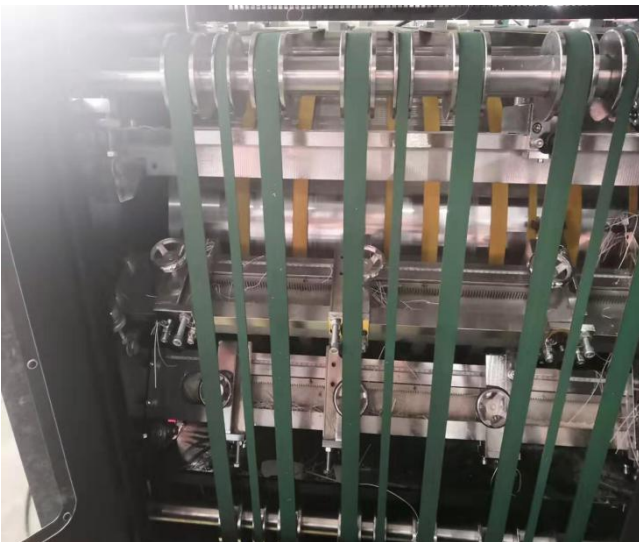
To put the pile of material on the feeding section, and the belts with the aligning system will automatically send the cardboard into grooving area. The final product will be conveyed out to the collecting table.

Aligning system with rubber roller will correct the belt direction automatically and keep it straightly.



Machine Standard configuration list:

Roller material:	Shanghai BAOSTEEL
Frequency changer:	Hope brand (If customer need change the brand, we also can use Schneider brand or another brand)
Low-voltage apparatus:	Eaton Muller brand
Machine main motor:	CHENGBANG,TAIWAN BRAND
Belt:	XIBEK,CHINA
Knife:	Special Tungsten alloy steel
Collector belt motor	ZHONGDA brand,China



Drum type structure

First designer of Drum type structure in making grooving, install 12 sets knife holder:

6 sets 90 degree + 6 sets 120 degree



Grinder of knife
together with machine



Grooving blade

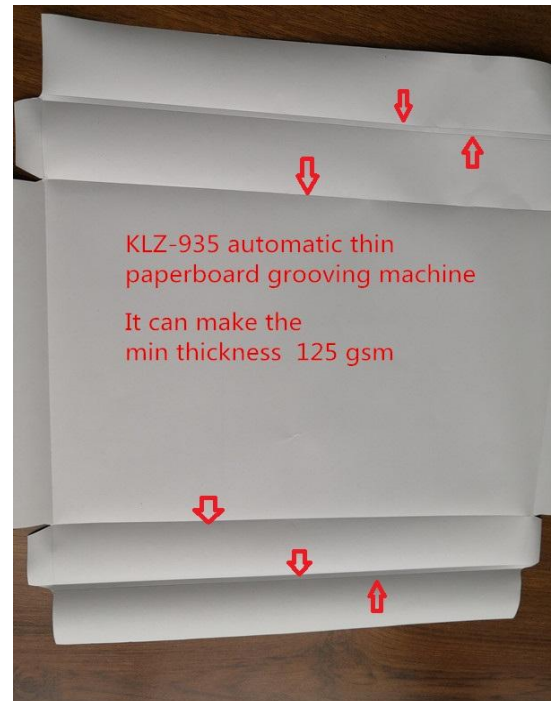
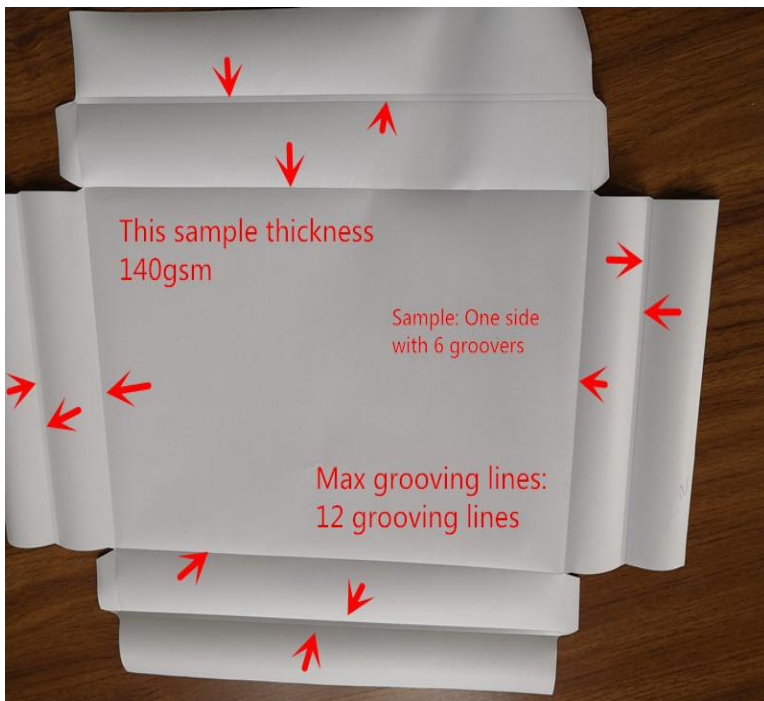
Blade Life: usually the blade can work for 10000-20000pcs after the first time sharpening. And 1pc blade can be sharpened about 25-30 times under good using.

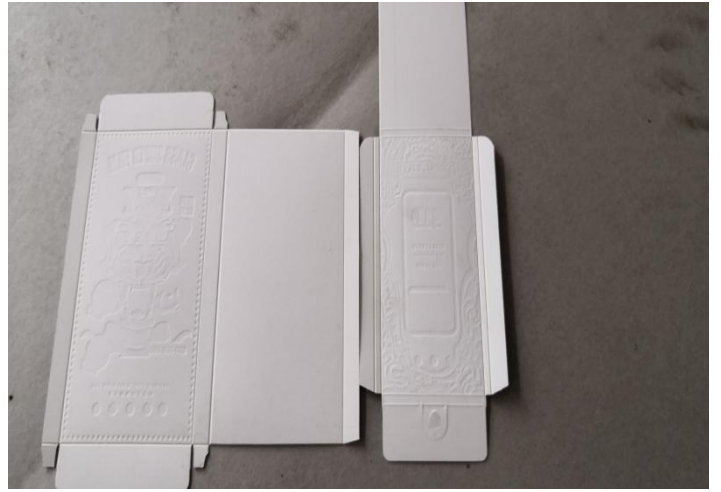


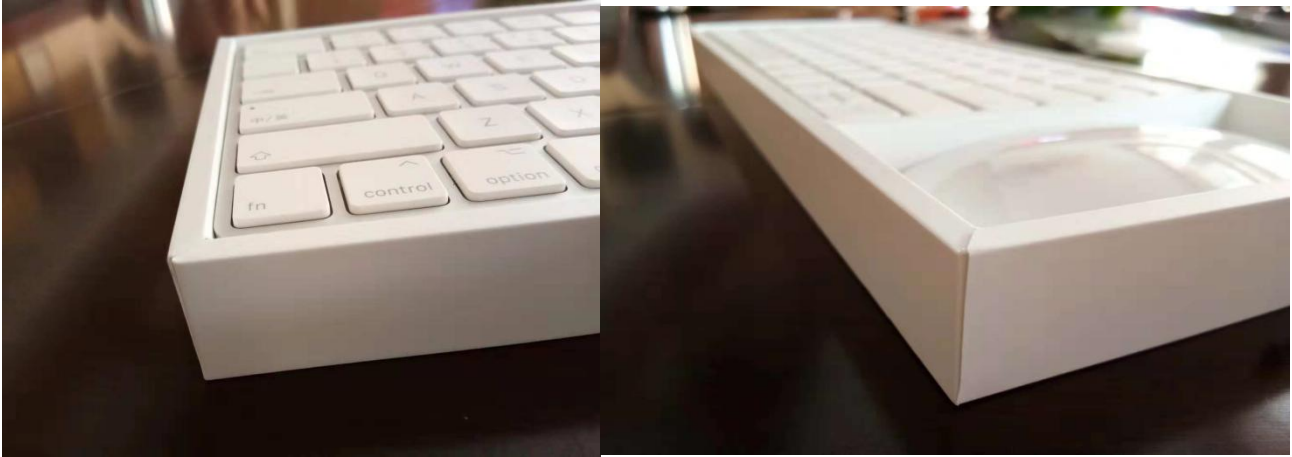
Standard Machine parts together with machine for user:

Name	Qty
Grinder of knife	1ea
Tool box <i>((including 1set Allen wrench, straight screwdriver of 4 inch, open spanner, adjustable wrench, grater))</i>	1pc
Air pump	1ea
Grooving blade	24pcs

Sample of V shape on board material:

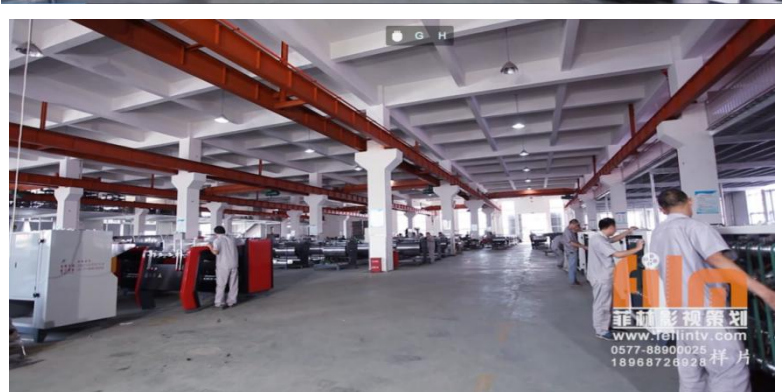






KLZ-935 grooving technology makes the V shape of paperboard from 200gsm to 350gsm(other thickness, pls consult us first), making the final produce more beautiful and improving the grade of paper box immediately.

Workshop:

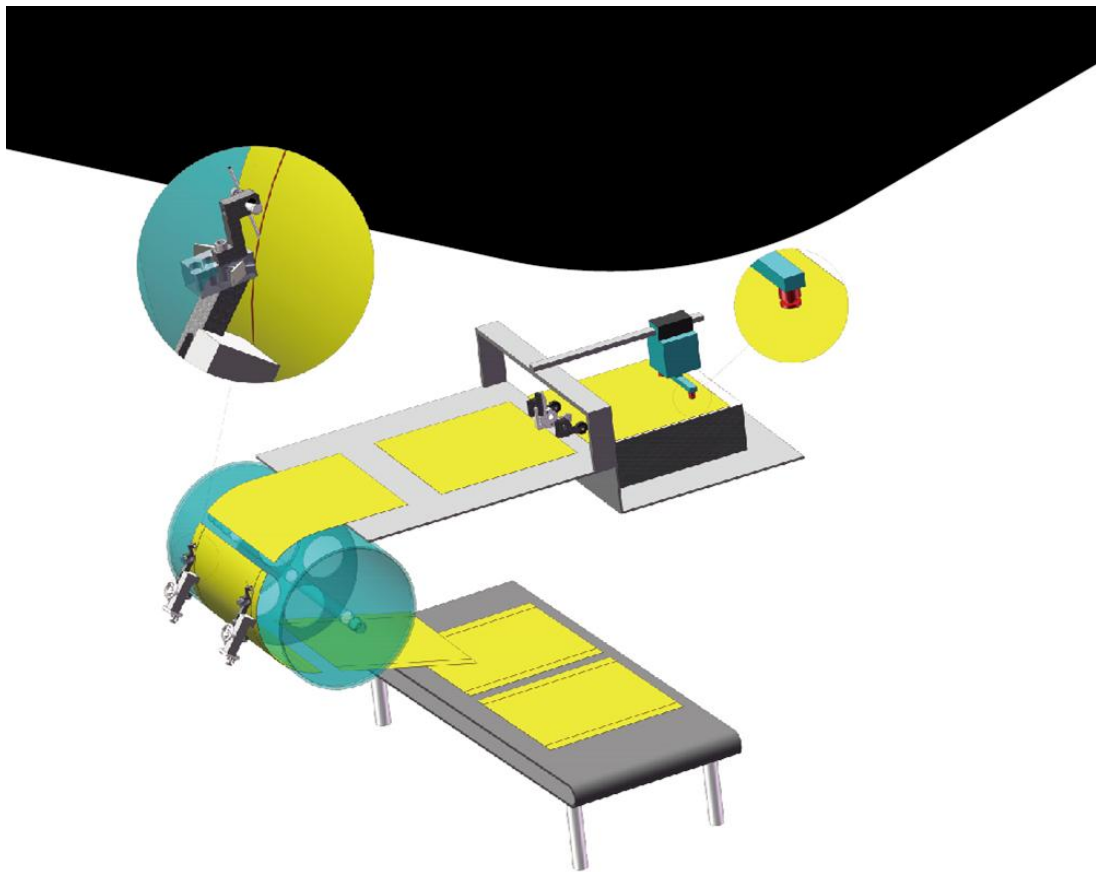


Remarks:

Delivery time: within 7-15 days after receiving the deposit

Payment terms: 30% TT in advance, 70% payment before delivery

Installation: If the buyer need our factory to sent engineer go to install, the buyer will cover all expense of engineers visiting including round-trip tickets, local transportation, meals and loading expenses.



SAILI Machinery