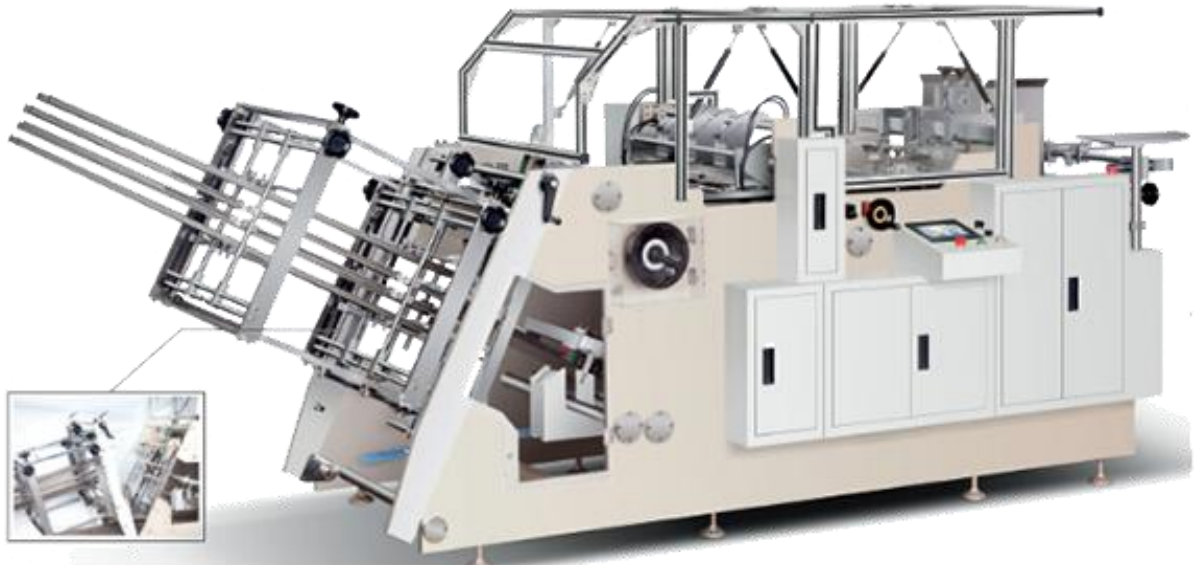




First Quality, Best Service. SOLUTION of fast food package.

Automatic Paper Lunch Box Making Machine

(servo motor feeding system)



Description:

Carton Erecting Machine (paper box forming machine) is an automatic machine, specialize in making food carton, box, container which are made from cardboard, paper, paperboard, corrugated paper etc. Widely used as burger box, hot-dog box(tray), one block box, food pail box(Chinese food box, take-away box), fries box(chips box, chips tray), lunch box, meal box, etc.





Advantage:

- # Adopt **Servo motor feed paper**, more easy change mold make different size or shape.(new update)
- # Compact structure, Strong frame, keep the machine reliable and durable with low noise.
- # Hard Plastic-glass cover, Safe and visible for user.
- # Easy exchange molds to make different products, charging and adjusting time is very short.
- # PLC program control the whole line, available to make complicated boxes.
- # Automatic collection, stock, and count.
- # Human being designed control button and panel, more easy and safe runs by user.

Main parameter:

Model	VLB-800	VLB-1200
Production speed	60-160pcs/min	80-300pcs/min
Box standard size	50*50--320*320mm	50*50--400*400mm
Paper Box size	Length : 100-450mm , Angle : 10-40° Width : 100-550mm , Box Height : 15-200mm	Length : 100-450mm , Angle : 10-40° Width : 100-400mm , Box Height : 15-200mm
Standard Machine Blank Paper size	Max 320*320mm (bigger size could custom)	Max 400*400mm (bigger size could custom)
Paper weight/thickness	200-600 g/m ² ,card paper, PE coated paper, kraft paper, corrugated paper	
Paper	Max 1.5mm	Max 1.5mm
Bonding/Gluing device	Water-based adhesive	Water-based adhesive
Electrical requirement	5kw/h	5kw/h
Air requirement	6kg/cm ² *200L/min	6kg/cm ² *200L/min
Equipment size	3480*1320*1500mm	3580*1800*1600mm
Package measurements	3500*1320*1500mm (L*W*H)	3600*1800*1600mm (L*W*H)
G.W.	2000kg	2500kg









Whole machine include:

# Electric control box;	# Feeding device;
# Transfer System;	# Water glue device ;
# Forming(welding) device;	# Collection device ;
# Five set of mold;	
Remark:	
# The box size, box shape, material and its quality will affect the machine output.	
# While the material is TWO-side FILM coated paper, or aluminum foil paper, should ADD hot melt glue system (Equipped On USER ORDER, Extra) to weld the box,.	
Compare our machine with others, VLB-800/1200 adopt	
Quality Transfer system,	Quality Frame and Parts Material
Quality Electronic parts	Quality bearing



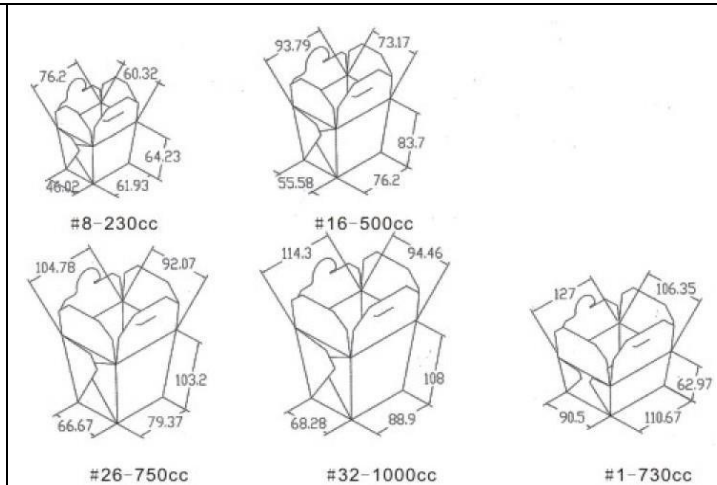
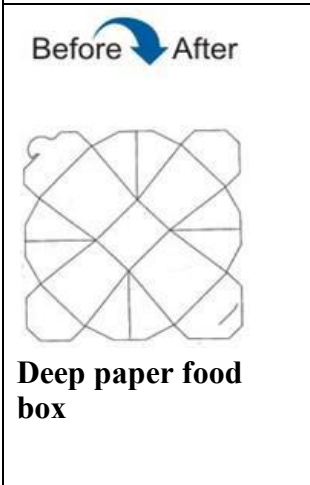
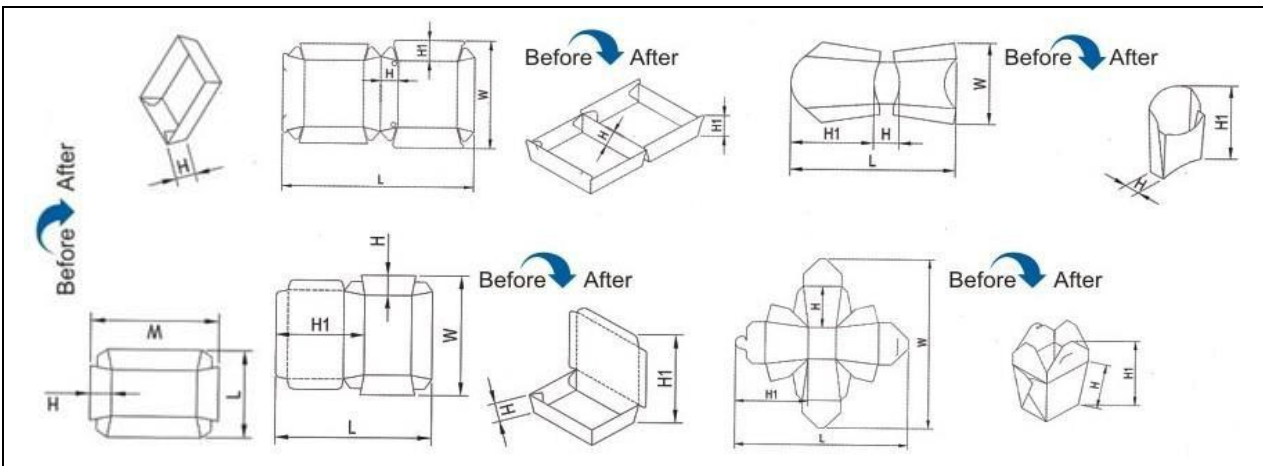


High Precision		
Main Parts	Process	Material
Moving Axis	CNC Lathe 1 次粗磨 - Coarse Grinding 1 次表面处理 - Surface Treatment 2 次精磨 - Precision Grinding	Cr12 with treatment, (Chrome, Chromium)
Transfer System	Steel-Wire Belt (seamless connect)	Toothed Belt (Synchronous Belt, Timing Belt)
Entrance	Cam with Suction System	
Fixing Parts	Grade 12.9 Hardness (bolt, nut, pin, etc)	
Frame Board	Grinding, Polishing Treatment	A3 Etc steel
High Safety		
Human Being Design, All the switch button within 0.6 meter area.		
Safety Window Design: Auto Stop while open the window or door.		

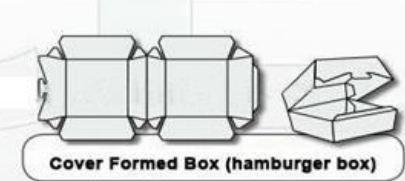
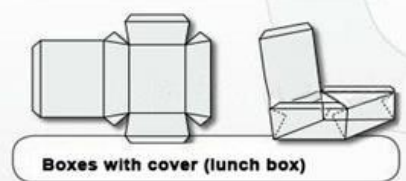
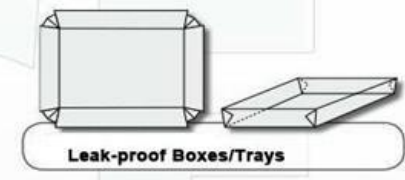
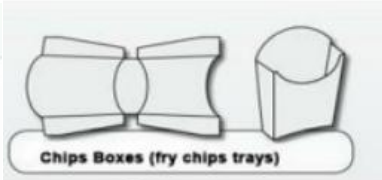
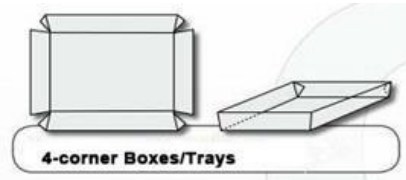
Electric Components List (Quality Elements).		
电机Motor	主电机Main motor	HANSU (CHINA)
	伺服电机 servo motor	RIDING (CHINA)
	胶水电机gluing motor	TAILI (CHINA)
电器 Electric elements	人机微电脑界面HMI	
	PLC	
	变频器Frequency converter	
	继电器 relay	
	低压电器low voltage apparatus	
	按钮 bottom	西门子SIEMENS
	接近 / 光电开关 close o the switch/photoelectric switch	 奥托尼克斯
	开关电源power switch	MEAN WELL (TAIWAN) 
气动 Pneumatic	气动部分Main air cylinder	AIRTAC(TAIWAN) 
皮带Belt	送纸皮带 paper feeding belt	USA(EP)
	输送皮带 convey belt	JIEBAO (CHINA)
轴承Bearing	主要轴承 Main Bearing	HRB



Application



Take Away Box, Food Box, Instant food box Chinese Food Box, Food Pail

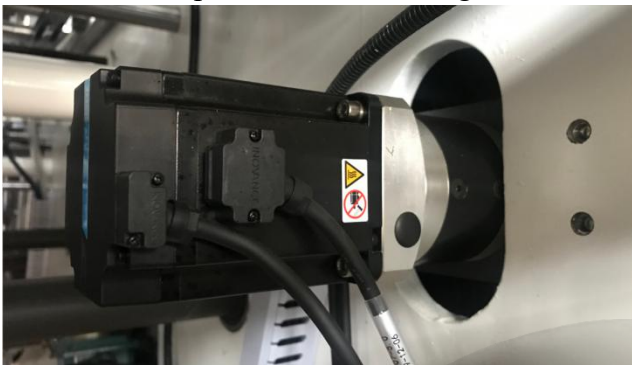




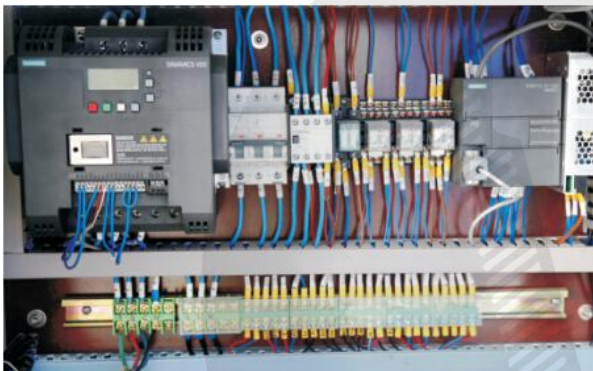
Machine detail:

Feeding system: Servo controlled feeding system, Sensor detection system

1. No need the adjust the distance or change different size cam to control feeding .It save the time and more precision when change the mold.



2. Sensor detection to control start and stop feeding and will replace the up down part. Feeding will be much more steady.



Standard electric box and marked clearly.

Chain drive system, and reinforce with metal frame and board.



Motor controlled gluing system. Inject glue and change the gluing sponge easily and quickly. (Hot melt spray system can be added)

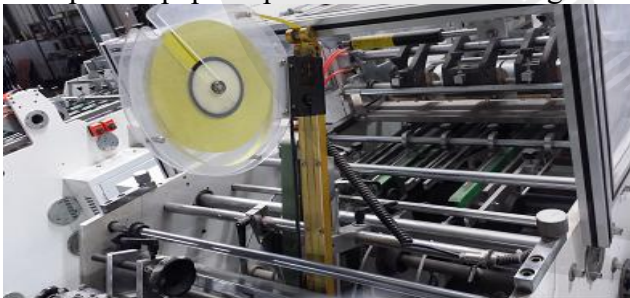




The collecting frame can be opened in three parts. It is easier to install the forming spare part and commissioning.

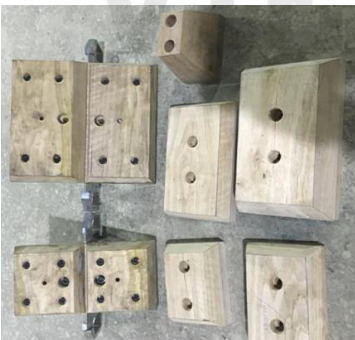


Adapts the paper tape inserter for counting.



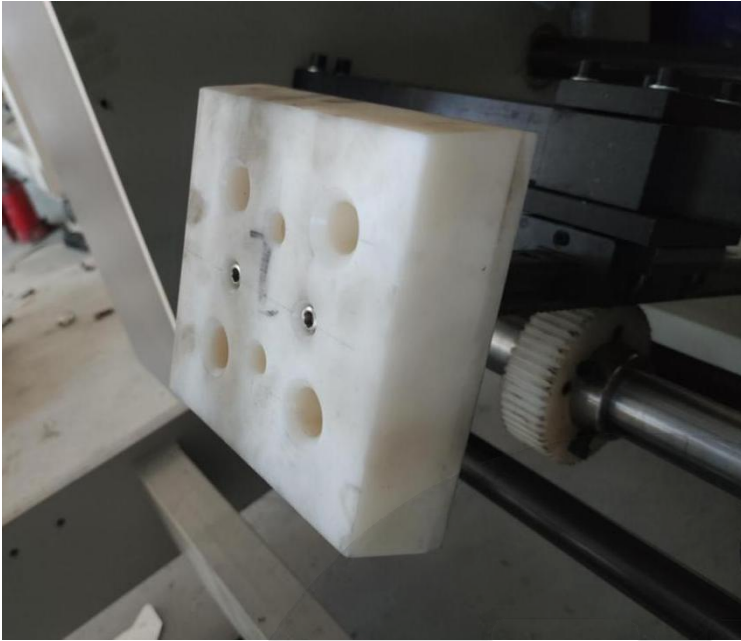
Mold

Wooden Mold (easy make, Especiall for Boat tray, very simple) , The cost is labor cost.





Nylon Plastic mold (could use for a long time, suit for huge demand box type)



Extra Systems

Hot Melt System 4-Guns



Thanks for reading! Any question or concern please feel free to contact us.



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