



DIE CUTTING MACHINE

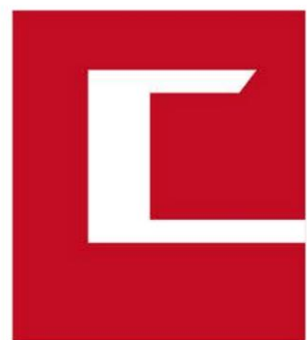
模切机

WECHAT



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C150E

全自动模切压痕机

Automatic die-cutting and creasing machine

C150E 前缘全自动模切机（不清废）是我公司结合国内外同类产品的优越性能研制开发的适用于高档彩箱、彩盒模切的专用设备。

C150E leading edge automatic die cutting machine (without stripping station) is a special equipment suitable for die-cutting of high-end color corrugated boxes and color cardboard boxes, which is developed by our company based on the superior performance of similar products at home and abroad.



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产品特点介绍



01

前沿送纸部 Leading Edge Feeding

独特设计的前沿送纸技术装置采用不停顿下吸式前缘送纸方式，克服了由于温度、湿度面里纸克数差异等等而引起的纸板曲翘，使送纸更顺畅，自动给纸节省人力。

Uniquely designed of leading edge paper feeding technology device adopts non-stop and down-suction method, which overcomes the warping of the cardboard caused by temperature, humidity, and the difference in grams of paper, making the paper feeding smoother and saving in labor.



02

主传动 Main drive

模切动作采用蜗轮蜗杆经特殊设计的曲轴连杆机构，具有噪音低、压力大、精度高、机械寿命长的特点。蜗轮、蜗杆、曲轴均采用数控研磨加工。

The main driving system adopts worm wheel and worm gear pair and special crank shaft linkage mechanism connected by bearing shell. Low noise, high pressure and accuracy, long service life . worm wheel and worm gear pair and special crank shaft are all CNC machined.



03

电控部 Electronic control

电控系统采用微机控制，实现从给纸、输纸、模切、收纸各部位工况的自动控制及实时检测。配有各种安全保护装置，发生故障时声光报警，并自动停机，真正保证人机安全。

The electronic control system adopts microcomputer control to realize automatic control and real-time detection of working conditions from paper feeding, delivery, die cutting and paper collecting . Equipped with a variety of safety protection devices, sound and light alarm when a fault occurs, and automatically shut down, truly guarantee the safety of man-machine.

产品特点介绍



04

大转矩气动离合器 Pneumatic clutch

离合器采用大转矩气动离合器，反应速度快，力矩大，而且日常不用维护，使用寿命长，使启动、急停、点动，动作准确，配合进口高速旋转接头，寿命更长久。

The clutch adopts a large torque pneumatic clutch. The reaction speed is fast, the torque is large, and the daily maintenance is not needed service life is lone; machine start, emergency stop, inch move, action accurately, combines with imported high- speed rotary joint can be used for longer life.



05

收纸部 Delivery Department

不停机收纸，保证整机不停机运转。输出皮带收纸可以快捷、方便转移纸堆，确保印刷无刮伤、拉花现象。不停机计数收纸和整垛收纸自动转换。

Non-stop paper collection to ensure that the whole machine runs without stopping. The output belt can quickly and easily transfer the pile of paper to ensure that there is no scratching or pulling on the printing. Non-stop counting paper delivery and automatic stacking paper delivery free conversion.



06

精密间歇 Precision Intermittent

加大的三元凸轮分割器采用台湾工艺技术，使牙排运行平稳，确保模切精度，提高整机使用寿命。

The big CAM splitter adopts Taiwan's technology to make the gripper bar run smoothly, ensure die-cutting precision, and increase the service life of the whole machine.

产品技术参数

产品型号	Model	C150E
纸张适用范围	Paper Processed	E、C、B、AB 最大厚度不超过 8mm
最大纸张尺寸	Max.Paper Size	1510mm×1100mm
最小纸张尺寸	Min.Paper Size	550mm×550mm
最大模切尺寸	Max.die-Cutting Size	1480mm×1080mm
给纸堆最大高度	Maxi. Height of Paper Stack	400mm
收纸堆最大高度	Maxi.height of Delivery Pile	980mm
板框内尺寸	Frame Size	1510mm×1130mm
模切钢板尺寸	Die-Cut Steel Plate Size	1515mm×1120mm
模切压力	Die-Cutting Pressure	300T
最高转速	Maxi. Speed	4500sheets/h
可加工纸张	Machinable paper	纸板 1-8mm
总功率	Total power	30KW
电压	Voltage	380V
机械重量	Mechanical Net Weight	23T
机器尺寸	Overall Size	10000mm×6000mm×2580mm

产品性能特点

本机应用高强度叼纸牙排，先进的开牙叼纸机构能适应各类型板纸、瓦楞纸；前后定位及侧定位机构使纸张的模切精度得以保证。

具备高精度间歇机构；动作迅速的气动离合，气动锁版。使用可编程控制器及人机界面，数字显示机器的工作速度、加工张数、总运行时间；机器的故障显示使故障排除操作非常方便。

应用变频器控制主电机，无级调速，运行平稳。

本机多处设有传感器和安全装置，保障机器正常工作和人身安全。

模切压力前后可单独调节，手动盘车方便省力，同时还可进行无叼口模切。

This machine uses high-strength gripper mechanism can adapt to all types of cardboard paper and corrugated paper; front and rear positioning and side positioning mechanism ensuring paper die-cutting accuracy.

Equipped with high-precision intermittent mechanism; fast-moving pneumatic clutch and pneumatic lock plate. Using programmable controller and man-machine interface, the machine's working speed, number of sheets, and total running time are displayed digitally; the machine's fault display makes the troubleshooting operation very convenient.

The inverter is used to control the main motor, which has stepless speed regulation and stable operation.

The machine is equipped with sensors and safety devices in multiple places to ensure the normal work of the machine and personal safety.

The die-cutting pressure can be adjusted separately before and after, manual turning is convenient and labor-saving, and no die-cutting can be performed at the same time.