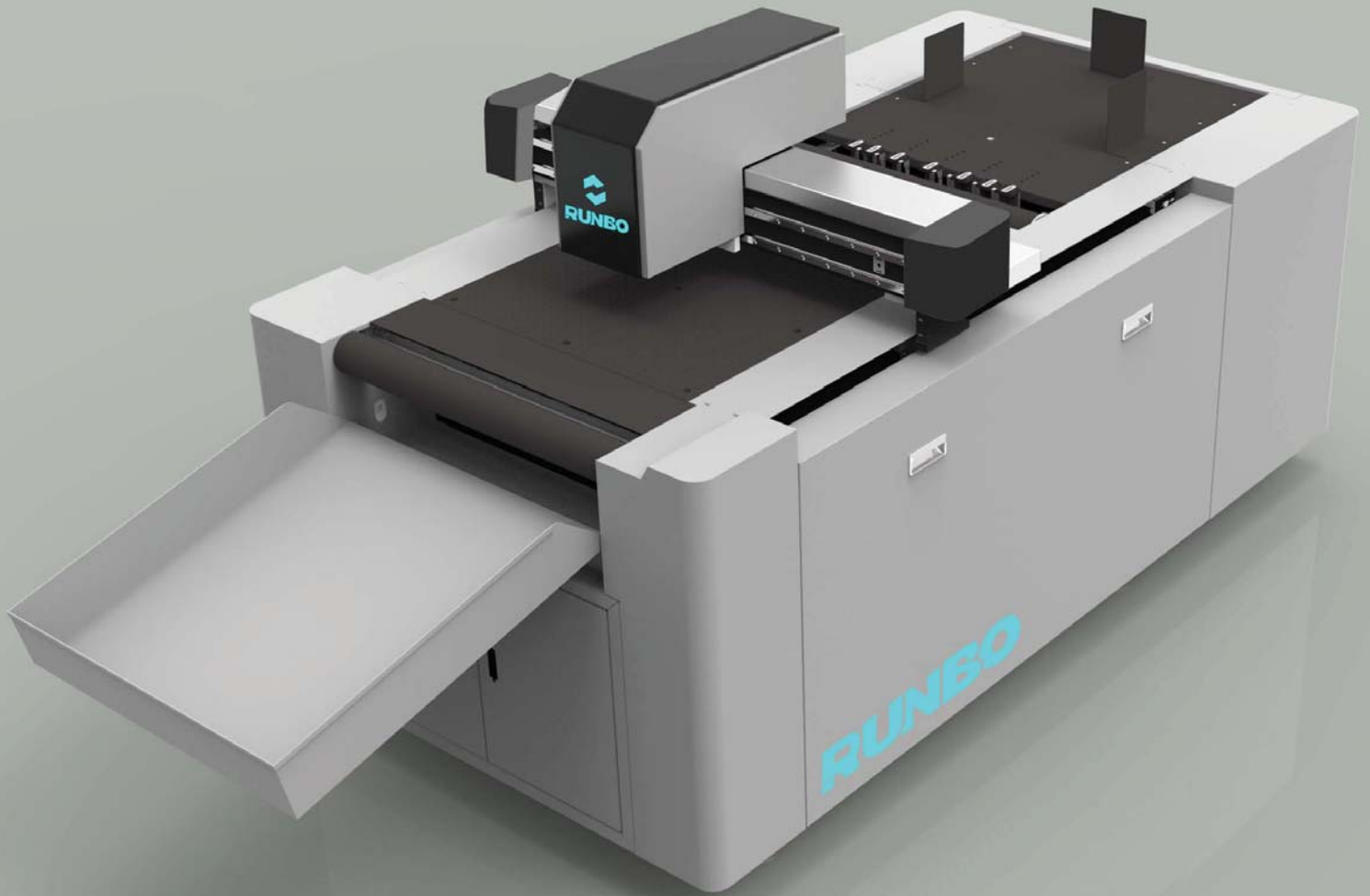




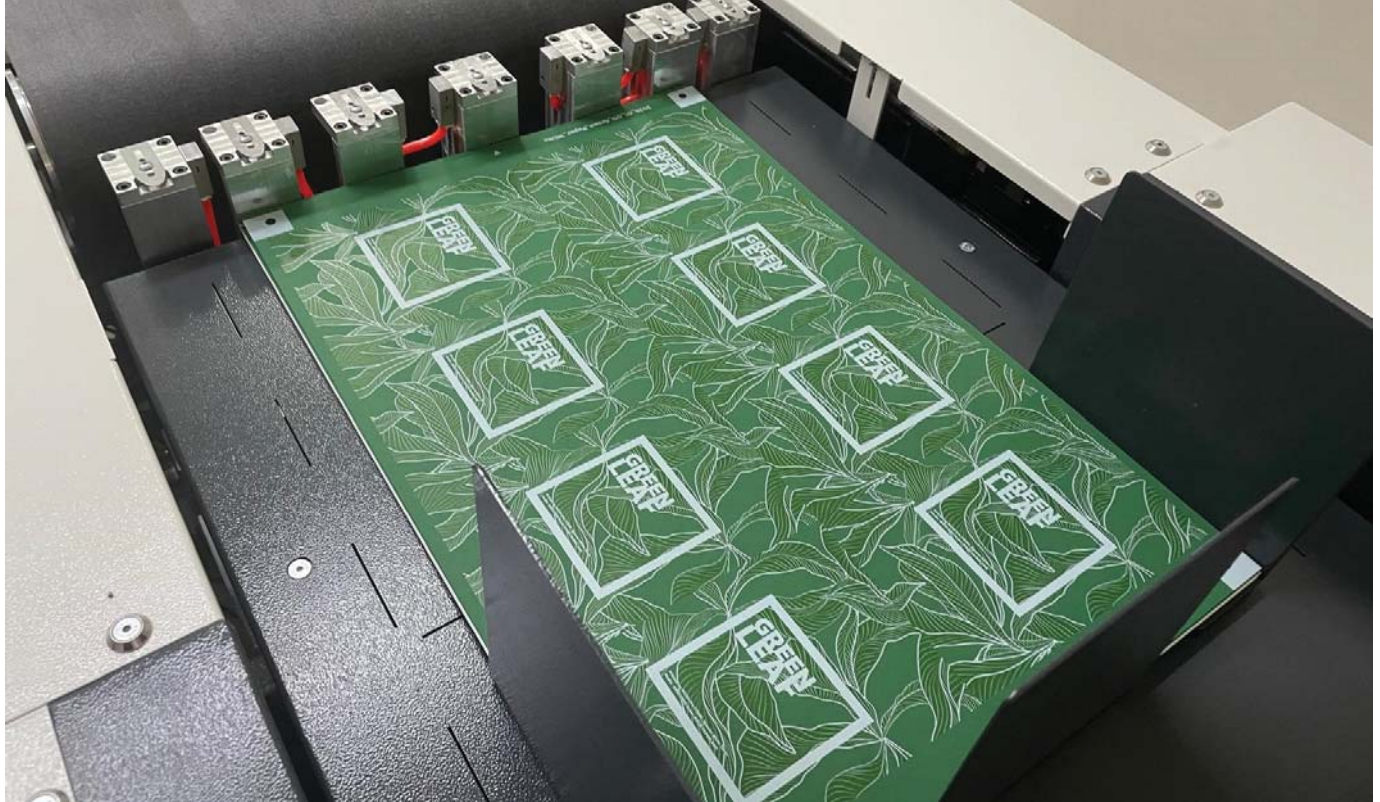
RUNBO LC Series

AUTOMATIC SHEET FEEDING WITH FOR THICK CUTTING AND CREASING

Have you seen so many small compact auto feeding and cutting equipment that is hard to differentiate one brand from another. They all looked the same, have similar type of tools, what make the difference to you? Is it price? or you are looking for a vendor with the peace of mind?

Most compact auto feed cutter handle a whole lot more professional cutting and creasing that gives you the finish that your clients expect today. Well, the difference is in the control interface and software R&D that is put for a smooth delivery. Is it just the hardware or the software that will take you into the next level of professional cutting and finishing.

The LC series automatically feed and off load when cut is complete. You can leave it running with accurate cut results each and every time. It cuts on heavy and light stock material, PET, PVC, foam-board, corrugated board with precision and speed up your digital need. Technological advanced, software advanced, it always deliver.



FEATURES AND ADVANTAGES:

***High Definition CCD camera registration system** with automated optical recognition with a high definition CCD - Charge Coupled Device, camera registration system purposed for intelligent reading of registration marks. Camera registration, **vision algorithm and advanced image processing** detect and create a seamless, high-efficiency flow. The vision based technology provide dual functionality of micron level precision and print to cut alignment.

***Software Industry 4.0 integration:** Intelligent software controls for Intricate work, capable of complex cutting. Equipped with two or more tool-holders allowing cutting in one pass in seamless job transitions. Dimensional stability with **multi pass capability** to handle need for multiple cutting without repositioning. **Variable pressure control** adjust cut force, cut speed, cut frequency with dynamic and tool free adjustment via software controls.

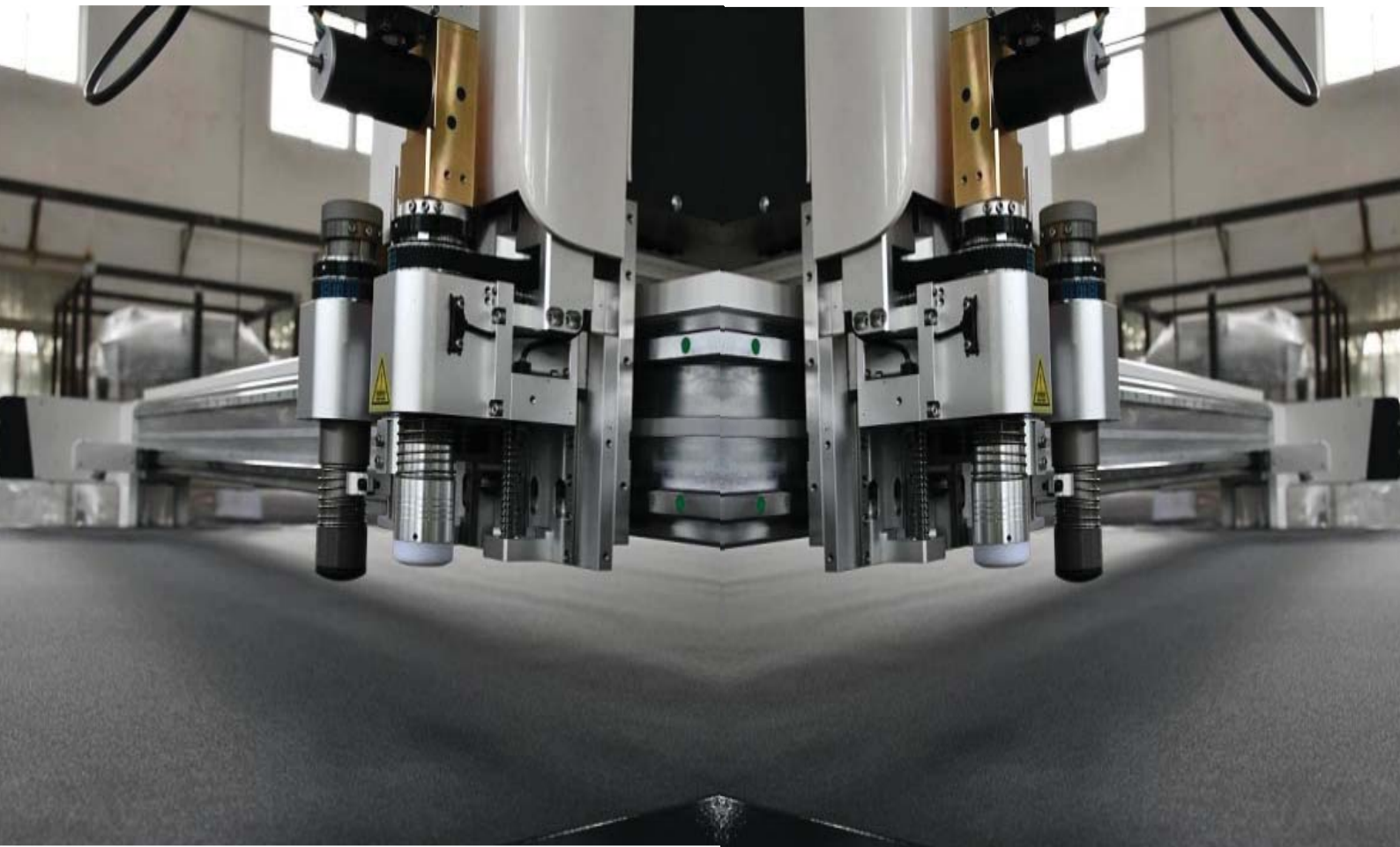
***Versatile Handling:** Cuts card paper, adhesive PVC, cardboard, plastics, PET, and wide range of materials from delicate paper to rigid corrugated board. Engineered with freedom of **multi substrate selection** capable of processing range of materials with equal precision and efficiency, integrating finishing capabilities for value added die cutting services, without equipment change or extensive reconfiguration.

***High Performance DSP controller** and digital servo motors, enables a maximum cutting speed of 1500mm/s and handle with ease material cutting depth of up to 5mm. The machine delivers precision and quality with superior speed and accuracy, ensuring professional-grade results for unattended operation increasing throughput

***Pneumatic Suction Pads:** Industrial grade vacuum suction technology ensures reliable, consistent grip on various type of materials and weights, coupled with **precision sheet separation** via advanced sensors and control system to prevent double feeding and ensure single sheet accuracy

***Modular Electric vibration tool** for denser material such as KT boards, chip boards, EVA, PVC and gray boards. **V-Cut tools** for making V groove for board folding and precise closure. **Heavy Creaser Wheel** for strong material indentation and ease of folding completion into final form.

***Adjustable feed parameters** to adjust for different thickness, textures and density requirements based on gsm and microns. reducing waste to maximize production uptime. **Consistent Repeatability** to match and maintain production standards and variations. Ability to control feeding time, blowing, delay to prevent anti-static mis feeding onto cut table.



Exceptional Precision: The machine delivers extraordinary cutting precision of ± 0.01 mm (about 10 microns), level of accuracy of what the limits of mechanically achievable. Combined with equal repeatability of ± 0.01 mm on servo motor control, rigid structural frame and precision linear motion rail with real time X,Y axis synchronization.

Cut Depth: It is engineered with power cutting of materials up to thickness of 6mm. The substantial depth position machine above standard fixed table flatbed. With adjustable depth control and high torque motor system, position sensors, and rigid tool carriage to prevent deflection and vibration when cutting at maximum depth.

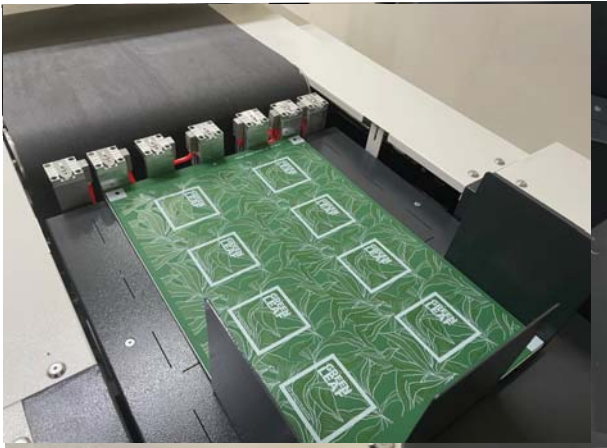
Automation: It fully automates digital die cut, with automatic feeding, cutting, and collection/off loading system on multiple tools configurations. Its' industrial grade CCD system, extreme high resolutions helps to capture cutting, with clarity. It reads multiple points references for material distortion, skew or expansion with precise registration.

Multi-Functional: Features a single-head system, with multiple tool heads for cutting and creasing, (optional tool for V-cut, Perforation, heavy creasing, with electric vibration, and deep Universal Cut tool) for fully automated, single-step operation on both half-cuts and full cuts.

Precision Speed: Powered by a servo motor for faster, productive operation. Cutting Precision: Highly accurate with a cutting precision of ± 0.01 mm and a repeat precision of ± 0.015 mm. Max Speed: Capable of high speeds, with max cutting and adjustable moving speeds up to 1500 mm/s to 2000 mm/s.

Compatibility and connectivity: Working in full compatibility with leading vector graphic with industry-leading design software like Corel-DRAW®, Adobe Illustrator®, and Adobe Design. It supports DXF (Drawing Exchange Format) and PLT. Offers multiple connection options, including Wi-Fi, USB cable, and U-disk (USB flash drive), for flexible file input.

TECHNICAL SPECIFICATIONS:



Model:	LC -0604, LC-0906 , LC1209
System Automation:	Integrated automated feeding, cutting and offloading system process
Effective cutting area:	600 x 400mm, 900 x 600mm, 1200 x 900mm
Standard Configuration	Laser guide, pressure roller tool, universal cut tool, kiss cut tool, cut through tool
Modular Option tools:	Electric Vibration tool, V-cut tool. perforation tool, heavy creaser,
Cutting Speed /Thickness:	1500mm/s depending on material / 6mm
Feeding System:	Vacuum suction intelligent control conveying
Max Cutting Speed:	1500mm / s
Motor mechanism:	Industrial Grade stepping Servo Motor
Cutting/Repeat Precision:	±0.01 mm / ±0.01 mm
Buffer Capacity:	2G, one time quick transmission with page turning feature
Connectivity:	Network Ethernet Port
Compatible software:	PLT, DXF, AI, PDF, NC
Display:	Digital Signal Processing Touoch Screen Panel
Voltage:	220V AC, 50/60 Hz, 22 - 36 AMPS
Power Consumption:	4000W, 4500W, 5000W
Dimension (LxHxH):	1960 x 695 x 1130mm, 2260 x 1165 x 1130mm, 2560 x1465 x 1130mm
Nett Weight:	300 KG, 390KG, 720 KG