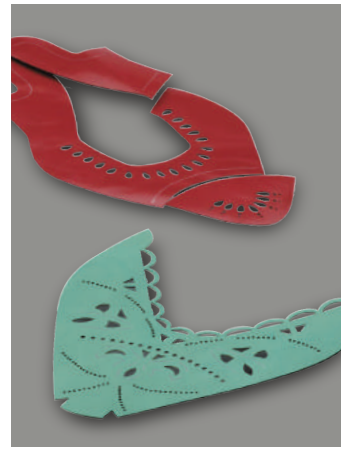


Feature

特點



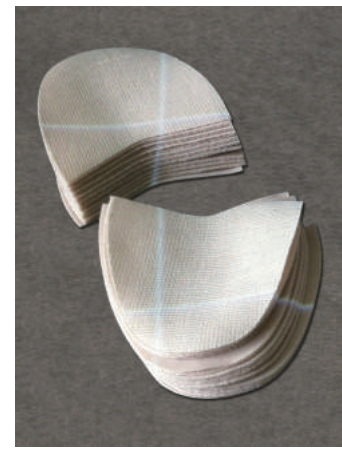
鞋面加工
SHOE LEATHER



中底板、熱熔膠
INSOLE /
THERMOPLASTIC COUNTER



皮帶、箱包
LEATHER GOODS
BAGS & BELTS



布切割
FABRIC / TEXTILE / MESH

- ▶ 運用刀片高速震動原理切割材料，其刀頭備有五工具／七工具（刀、筆、針與2支或4支沖孔）加工，能快速沖孔、記號、畫線和切割，一次滿足所有生產需求。
- ▶ 免去斬刀製作，能快速的對應樣品開發與量產切割，有效降低成本 — 斬刀空間、斬刀製作、等待時間、節省材料…等成本。
- ▶ 平台切割適用於少量多樣的訂單；捲料切割機型適用於大訂單量生產。
- ▶ Job Manager：獨家系統統整，可以單機排版也可以做切割中心統一排版、派工管理，不同於其他廠牌使用複製功能排版，ATOM採用多張訂單同材共斬、混刀排版設計，能有效節省材料，提升機台使用率。
- ▶ 桌面採用真空吸附材料系統，可保證材料的平整不變形，切割時尺寸、切面垂直度符合品管要求。
- ▶ 刀頭切割適用於切割真皮、網布、超纖、不織布、帆布、PU、TPU、EVA、中板、灰板、皮大底、熱熔膠片、橡膠材……等加工。
 - 標準刀頭：皮大底可達7mm、泡棉可達20mm
 - 加厚刀頭：PU可達25mm、PU沖孔可達16mm
- ▶ 卷料切割：包含全自動排版系統，能有效節省材料，減少排版人力與熟練工需求，約傳統裁斷機4~6倍產能。
- ▶ 皮料切割：包含全自動皮料排版、手工排版、半自動排版…等系統，能滿足不同鞋款皮料排版需求。
- ▶ FC888 L30/L35 平台切割機，雙工作區桌面設計，可以降低排版、切割時工序不平衡時的等待浪費。
- ▶ 切割品質標準化，可有效提升裁片品質，取代傳統裁斷機。
- ▶ 各機型之刀頭，相互適用，能降低庫存成本。

- ▶ To satisfy production requirements all at once, the chuck equips with 5 or 7 tools (knife, pen, needle, 2 or 4 drills) to quickly punch, mark, draw and cut.
- ▶ Effectively save time for making cutting dies and the cost.
- ▶ The flat cutting tables are suitable for cutting orders with small quantities but various styles, and synthetic cutting machines are suitable for cutting orders with large production quantities.
- ▶ JobManager: Individual system integration, which can nesting on a single machine or assign jobs from the cutting center to different machines. ATOM has the functions of cutting multiple orders with the same material and mix sizes on a layout, which can effectively save material and increase the utilization of machine. These are different from the copy function of nesting used by other brands.
- ▶ Adjustable vacuum system ensure the material to be flat and indeformable, the sizes and angles of the cutting surface can meet the requests of customers.
- ▶ Suitable for leather, mesh, textile, mircofiber, non-woven, canvas, PU, TPU, EVA, insole, cardboard, sole leather, thermoplastic counter and rubber.
 - With Standard Head Stroke: Maximum cutting thickness: 7mm for leather and 20mm for foam.
 - With New Entry Head Stroke: Maximum cutting thickness: 25mm for PU.
- ▶ Synthetic cutting: Including complete auto nesting, which can effectively save material, reduce manpower and the requirement of all-round workers. It is about 4-6 times of output of the traditional cutting press.
- ▶ Leather cutting: Including complete auto nesting, manual nesting and half-auto nesting that can meet the nesting requests of various style of shoes.
- ▶ FC888 L30/L35 Flat Cutting Table, double working tables to reduce the waiting time of unbalance process of nesting and cutting.
- ▶ Standard cutting quality effectively ensure the quality of cutting patterns to replace the traditional cutting press.
- ▶ Chucks of different models can be used respectively to reduce the storage cost.

Intelliview

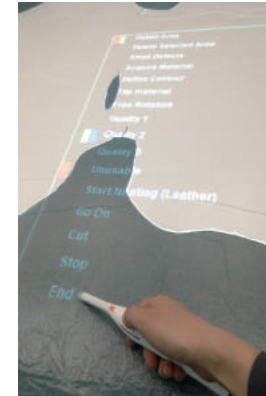
ACQUISITION SYSTEM AND QUALITY AREA DETECTION

皮料互動排版系統

搭配線外排版系統，能有效提高切割效率

排版、切割工作獨立進行，有效降低切割時的等待時間，提升切割效率。

Nesting is dependent of cutting that reduces the waiting time during cutting as to assure the highest cutting efficiency.



電子筆
DIGITAL PEN

電子筆搭配線外排版使用，可以很容易的標示皮料品質區域與瑕疵等級，讓標示的過程更為快速與簡便。

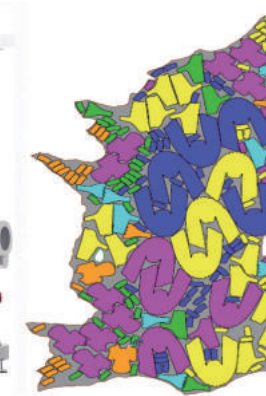
The digital pen is available for intelliview models, it allows to mark defects, quality areas and choose their leave(up to 4 levels). This device marks leather marking easy and fast.



皮帶式傳送
BELT FEEDING SYSTEM

連續分段式進料系統，當大尺寸皮料無法一次完成拍照時，可以分段進行拼接拍照。桌面尺寸大，操作人員可以很方便標示皮料等級與瑕疵，透過腳踏板進行快速進料。

Continuous sectional feeding system can sectionally take photos when large-size leather can not be taken at once. Big size cutting table allows operator to easily mark the quality areas and defects and quickly feeding with the paddle



真皮自動排版
AUTOMATIC NESTING

搭配皮料自動排版軟體，可以快速進行排版，有全自動、手動、半自動排版，能因應各種皮料排版需求，以節省材料和提升效率。

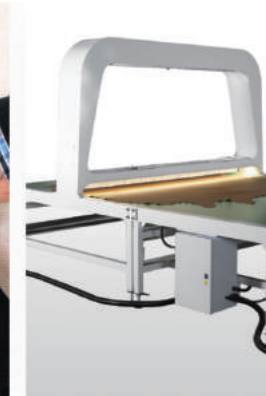
All acquisition systems can work with automatic nesting software which reduces processing times and assures the highest efficiency. Various nesting software packages are available according to the material to be nested.



條碼系統
BAR CODE SYSTEM

自動排版後，系統會打印出可貼在皮料上的條碼識別標籤，方便後段切割機送裁時，操作人員能快速找到對應的切割檔案。

After scanning and nesting calculation, the off-line acquisition systems print an indentation label with bar code to be applied to leather. Thanks to the label reader the operator can quickly and easily find the cutting layout which corresponds to the processed leather.



智能掃描
INTELLISCAN

沙發與汽車之排版，採用Intelliscan智能掃描系統：皮料必須預先驗皮與標示瑕疵，透過掃描系統擷取完整的皮料資訊，透過圖像與向量化比對，在軟體中自動偵測皮料外框、標示品質區域、瑕疵與參考標示點，也可運用人工在軟體中識別，將更細微的部分進行標記。完整的皮料訊息能有效提供自動排版系統進行運作，並有效提升皮料使用率。

The intelliscan system is available in-line and off-line to acquire pre-marked leathers. it detects leather contour automatically from high condition and color, as well as quality areas and reference points to reposition the cutting layout.



工作區域Work area : 3050X1550mm



Oscillating Knife Cutting Table

FLASHCUT

震動刀頭切割機



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