



N-3010

数控皮革排版机  
Leather nesting machine

—— 相关机型视频请扫码观看 ——



官方号 VIDEO



公司号 VIDEO



选配高清投影系统;

工业线阵相机扫描系统;

条码打印系统;

选配电子笔标记瑕疵系统;

标配LED多级亮度光源;

标配智能排版服务器;

全自动智能排版软件系统;

平面滚动工作区, 操作舒适;

自动传送系统;

联机操作;

## N-3010 数控皮革排版机 Leather nesting machine

High-Definition projection system

Industrial linear array camera scanning system

Bar code printing system

Electronic pen to mark defects optional

LED with multistage luminance

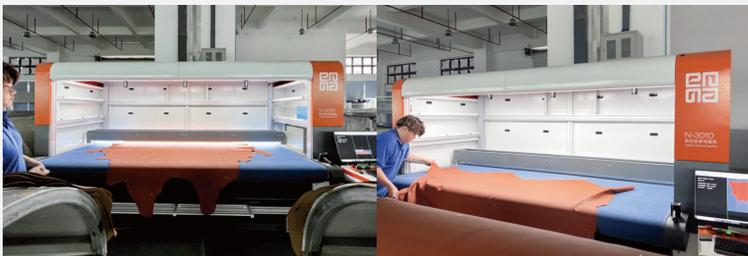
Smart nesting server

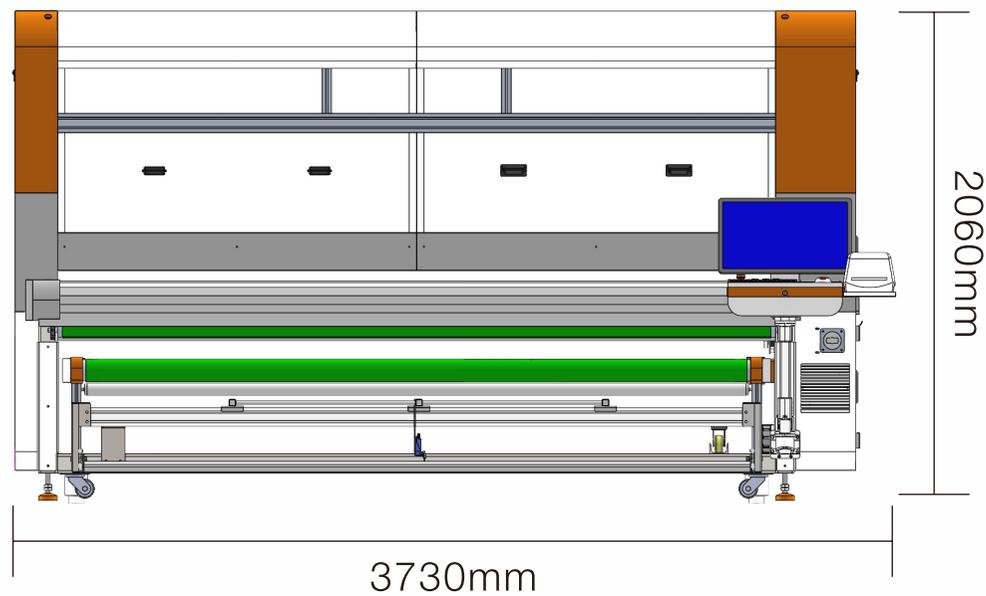
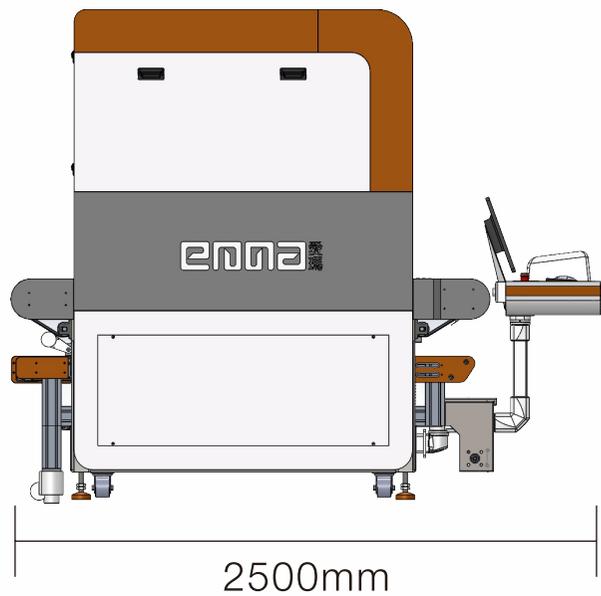
Auto nesting system

Flat rolling platform, comfortable operation

Auto transmission system

Interconnected operation on multiple machines





## 技术参数

**工作区尺寸**  
3000mm(L) x 1000mm(W)

**机器尺寸**  
(L) 3730mm x (W) 2500 mm x (H) 2060mm

**净重**  
1500KG

**总功率**  
1.5KW

**工作电压**  
AC220V 60HZ

## Parameter

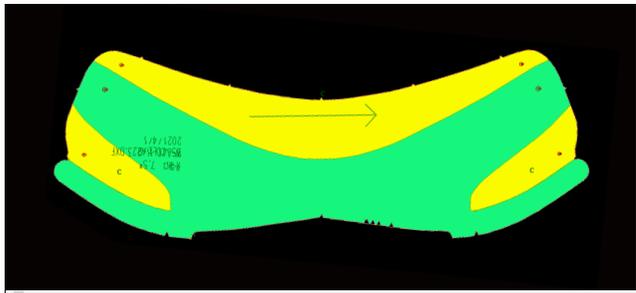
**Cutting Area**  
3000mm(L) x 1000mm(W)

**Machine Dimension**  
(L) 3730mm x (W) 2500 mm x (H) 2060mm

**Weight**  
1500KG

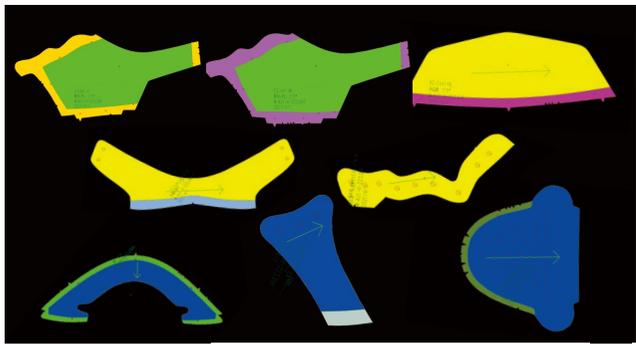
**Power**  
1.5KW

**Voltage/frequency**  
AC220V 60HZ



等级设定

Define the quality zones



瑕疵利用

Make use of defects

### 怎么快速识别天然的瑕疵? How to recognize the defects on the hide?

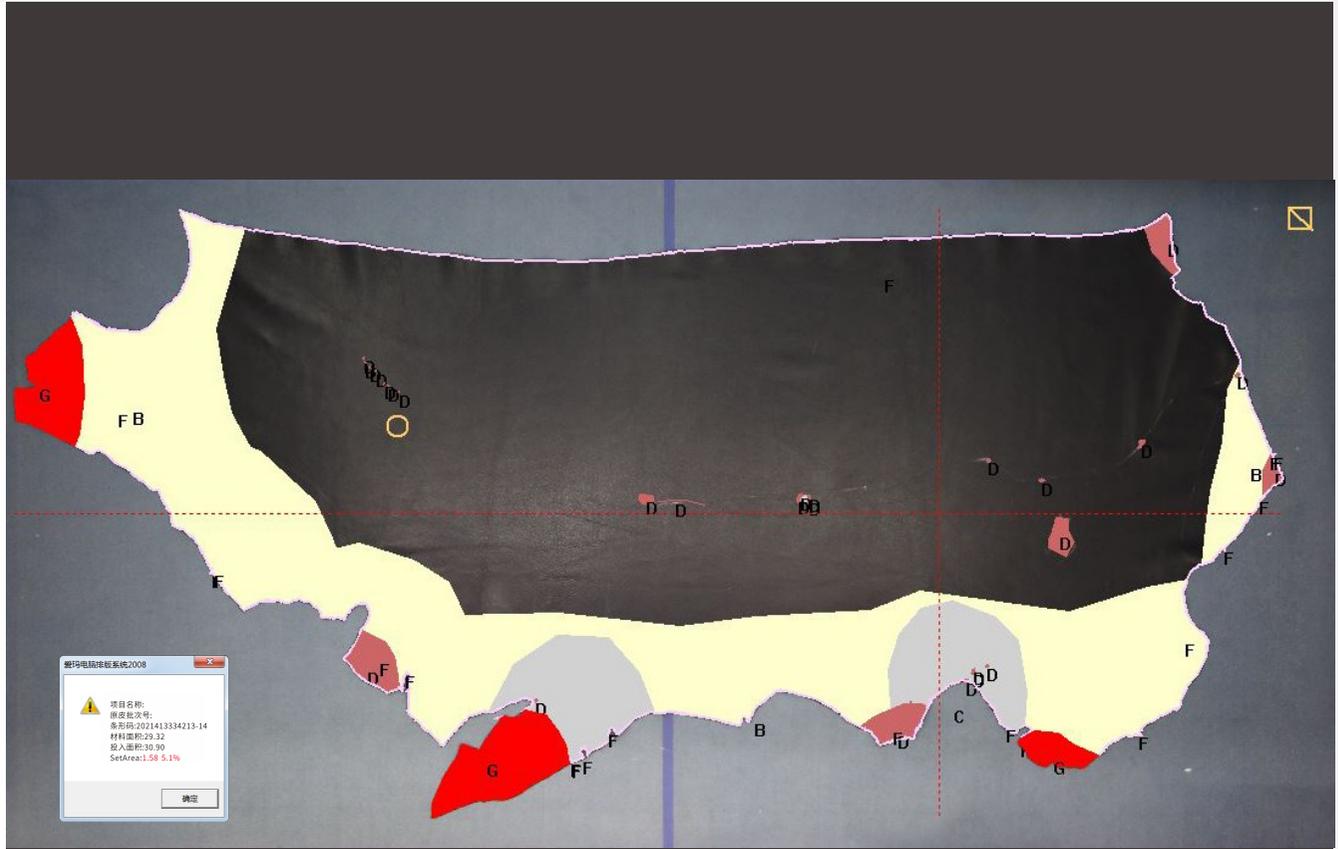


**identify**  
爱识

爱玛注册核心技术: 爱识 (identify)

一键识别所有瑕疵 (识别率可高达99.99%), 1分钟左右可将皮革数字化, 双色识别瑕疵及定义不同部位等级, 以利下一步进行智能排版。

EMMA's registered core technology: identify  
Recognize all the defects (up to 99.99%), digitize the leather in 1 minute, recognize the defects and classify different quality zones on different parts to support auto-nesting job.



- 智能识别不符合企业设定的皮革面积和等级, 监测足码率。
- 智能识别检测不符合企业设定的皮革等级, 利用率将自动作警示, 提醒与皮革供应商协商退货或换货。

- Machine will alarm if the leather area and grades could not reach factory stated, automatic monitoring.
- Nesting software will alert automatically when the nesting result exceeds factory allowance, remind to negotiate with supplier for refund or exchange leather.

材料面积\_Area of material ■ 29.32平方英尺sqf

瑕疵面积\_Area of defects ■ 0.89506 平方英尺sqf

可利用率\_Utilization ratio ■ 96.9%

毛利用率\_Gross utilization ratio ■ 0.0%

净利用率\_Net utilization ratio ■ 0.0%

A级面积\_Area of quality zone A ■ 19.4253 66.26%

B级面积\_Area of quality zone B ■ 7.07816 24.14%

C级面积\_Area of quality zone C ■ 1.31757 4.49%

D级面积\_Area of quality zone D ■ 0.34691 1.18%

F级面积\_Area of quality zone F ■ 0.25569 0.87%

G级面积\_Area of quality zone G ■ 0.89506 3.05%

# 新一代AI人工智能排版服务器

new generation of AI nesting server

性能卓越·澎湃动力

Excellent performance

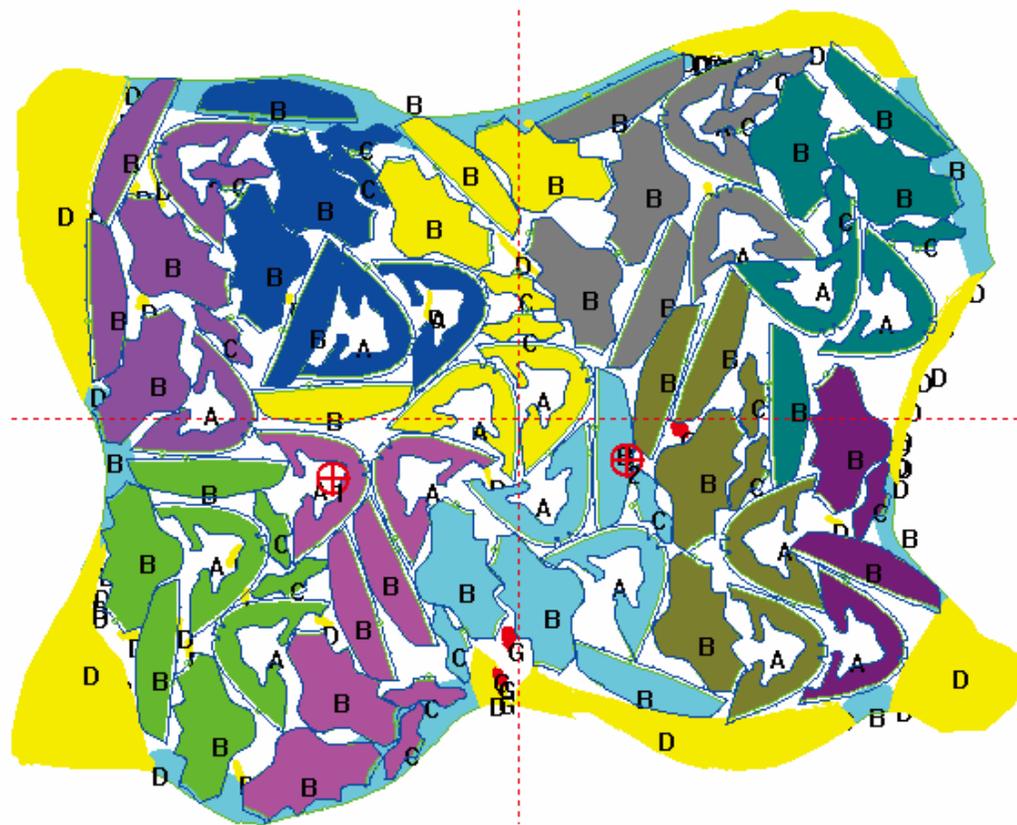
■ N-24: Intel i9 13代 13900KS 24核32线程

■ N-18: Intel i9 10980XE 18核36线程

■ N-10: Intel i9 7960X 16核32线程



配置请以最新数据为准，由于硬件会持续更新，建议客户自行购买。  
Please contact supplier for latest update



省料，省时，利用率高，精准划分等级  
皮料可设定，分区域不同方向排版



Save material, save time, high yield.  
Nesting by different zones and directions.

## 大数据智能排版

**时间优势：**智能排版技术比人工排版更快，时间比传统人工排版（裁剪）节省可达到5倍以上。

**利用率优势：**具备深度自动学习能力的智能排版服务器，排版方案会随着学习曲线的上升而持续优化。

## New generation of AI nesting server

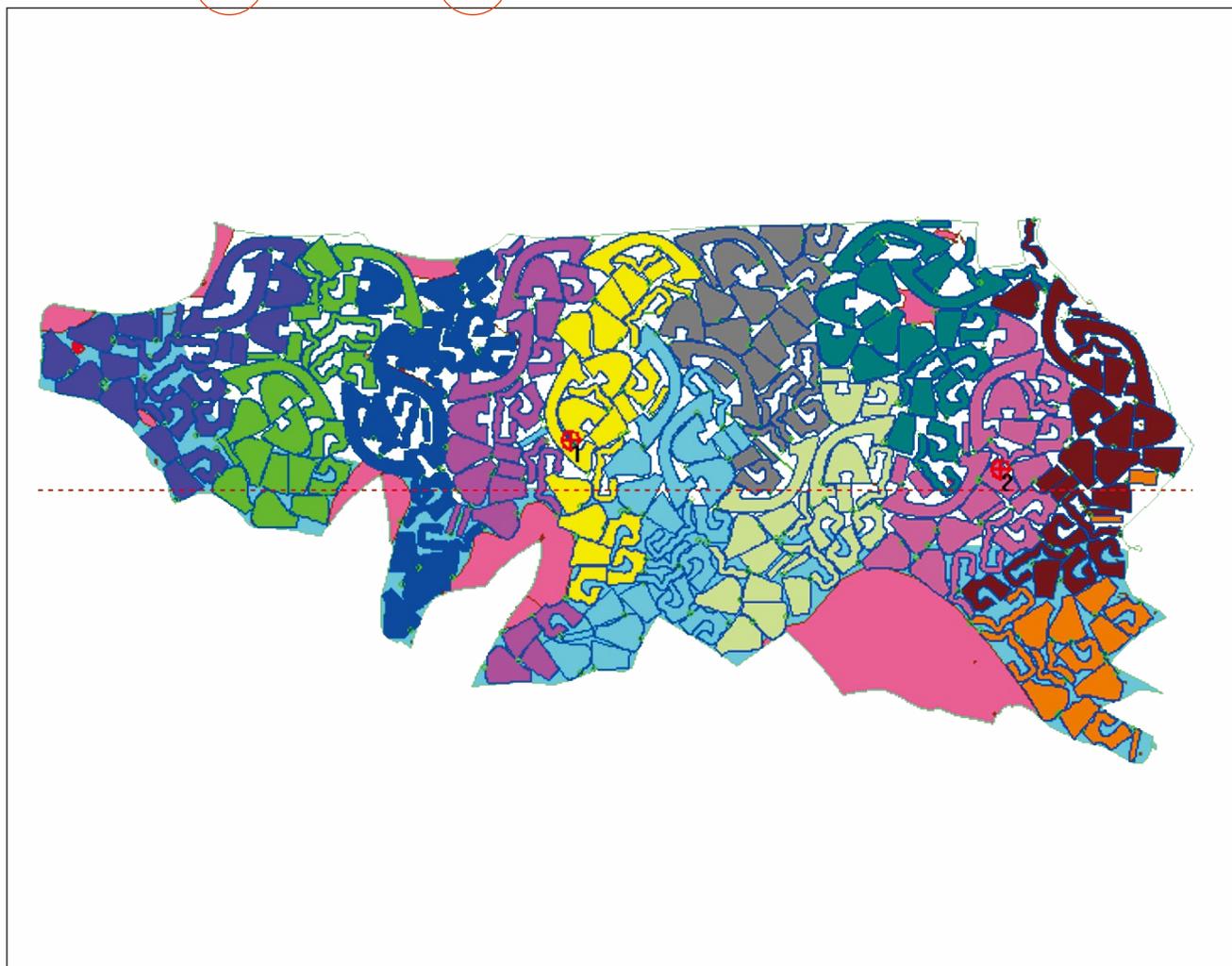
**Time:** Around 5 times faster than manual nesting/cutting.

**Yield:** The nesting server will optimize the nesting result and the yield will keep growing.

设定面积差 $\leq$ :3%

设定利用率 $\leq$ :72%

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名称	左	右	总片数	双数
TIP#8	11	11	22	11.0
VAMP#8	11	11	22	11.0
FOXING_LAT_TOP#8	12	12	24	12.0
FOXING_MED_TOP_#8	12	12	24	12.0
QUARTER_MEDIAL#8	12	12	24	12.0
QUARTER_LATERAL#8	11	12	23	11.5
FOXING_MEDIAL#8	12	11	23	11.5
FOXING_LATERAL#8	12	12	24	12.0
EYESTAY_LATERAL#8	12	12	24	12.0
EYESTAY_MEDIAL#8	12	12	24	12.0
TONGUE_LABEL4LD#8	12	11	23	11.5
BACKSTAY_4LD#8	12	12	24	12.0

净利用率: 65.4%  
 皮料等级: 100.0%  
 材料面积: 25.73平方英尺 88



智能监测超出预设标准用量范围会自动警示，管理人员进行再次确认或与供应商进行交涉，处理超耗问题。

Nesting software shall show alert automatically if the nesting result exceeds allowance which set by factory, supervisor could double check the nesting or check with leather supplier

分色分类



Sorting by color and type

手工验皮、标识瑕疵



Inspect and marking defects

皮革数字化



Digitize leather

皮革身份、条码打印;



Print bar code as ID for each leather

电子标识瑕疵



Electric marking defects

皮革分级、瑕疵定义;



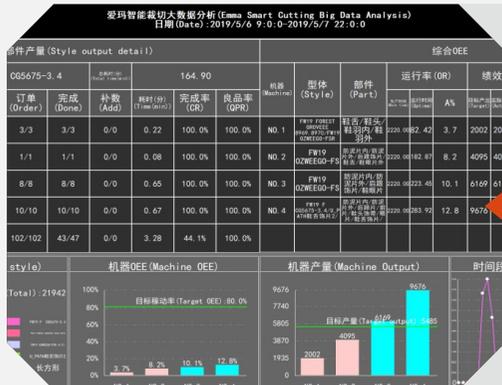
Define the quality zones

订单设置, 智能排版



Settings and nesting

实时反馈, 数据分析



Realtime feedback, data analysis

配色配双、贴标点检。



Matching colors and making pairs, counting

智能裁切, 批量生产



Smart cutting and production

条码识别、重新校位;



Reading bar code, match projection with leather