




工业小蜜蜂   
系列产品手册

Smart Industrial Bee Series  
Product Introduction

# 工业小蜜蜂系列 Smart Industrial Bee Series

重新定义小型智能震动刀切割机  
Redefining the Small-sized Intelligent  
Vibration Blade Cutting Machine



## VC9-960



视频 VIDEO



**精致小巧, 多场景适用**  
Delicate and compact, multi-scene application



**一体化刀座设计, 集成切割、冲孔、画线装置**  
Integrated tool holder design, integrated cutting, punching and line drawing devices



**智能识别切割系统**  
Intelligent identification cutting system



**齿轮齿条传动承载能力大, 传动精度高, 传动速度快**  
Rock and pinion steering, large carrying capacity, high transmission precision and fast transmission speed.



**铸件一体成型, 20年设计使用年限**  
Casting integral molding with 20 years lifespan.



**操作台面采用人体工程学结构设计, 带倾斜弧度, 操控更加舒适**  
The operating working table is designed with ergonomic structure with inclined arc for more comfortable operation.



**便携式移动, 带有刹车移动轮, 可实现任意产线搭配**  
Portable mobile design, with the innovative brake moving wheel any production line can be matched.



**完美融入排单看板、文件收纳柜、辅料物料架, 将空间利用率最大化**  
Perfectly integrated into the list of display boards, file organizers and accessories material rack, to maximize space utilization

# 小蜜蜂 Pro Smart Industrial Bee-pro

高灵活度 契合多种业务需求  
High flexibility to cater to a wide range of business needs



## VC9-2080



视频 VIDEO



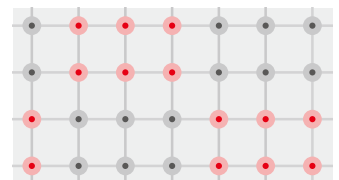
一体化刀座设计 (集合切割与冲孔)  
Integrated tool holder design (cutting and punching in one unit)



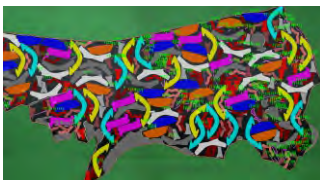
单支点悬臂设计 (铸造工艺)  
Single-point cantilever design (casting process)



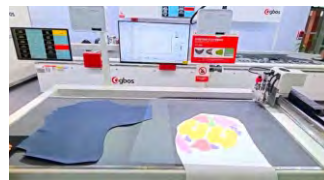
排单看板与排单文件收纳柜  
Scheduling Kanban and storage cabinet



真空吸附系统  
Automatic zoning vacuum adsorption system



ITS3排版系统 (选配)  
ITS3 nesting system (optional)



两个切割区 (边排版、边切割)  
Two cutting areas (Nesting and cutting at the same time)



双投影预览定位系统  
Dual Projection Preview Positioning System



OEE看板, 实时查看设备运行状态、产能  
OEE Kanban, real-time view of equipment operating status, capacity



# 小蜜蜂 Max Smart Industrial Bee-max

适合全幅/半幅牛皮、全幅鳄鱼皮、猪皮、皮毛一体材料、山羊皮、碎皮、合成革、柔性面料、样板室开发等多种应用场景。

It is suitable for various application scenarios, including full-grain/half-grain cowhide, full-grain crocodile skin, pigskin, fur-integrated material, goatskin, scrap leather, synthetic leather, flexible fabric, and sample room development.



**VC9-3010TT** (标准版 Standard version)  
**VC9-3010TT-2SCCD** (选配版 Optional version)



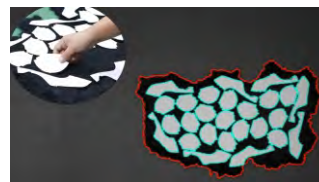
视频 VIDEO



**双头异步切割系统**  
双倍效率, 双倍产能  
Double-head asynchronous cutting system  
Double the efficiency, double the capacity



**在线排版系统**  
边排版边切割, 极大提高效率  
Projected real-time nesting or ITS3 online system  
Cutting while laying out the layout greatly improves efficiency



**ITS3排版系统(选配)**  
支持纸板匹配与真皮省料排版  
ITS3 typesetting system (optional)  
Support cardboard matching and leather saving nesting



**ITS3排版系统(选配) 半幅/全幅皮料、山羊皮等材料智能排版与切割**  
ITS3 Typesetting System (Optional)  
Intelligent Nesting and Cutting of Half/Full Width Leather, Goatskin, and Other Materials



**SCCD/2SCCD视觉识别系统(选配)**  
可识别各种带图案与花纹材料  
SCCD/2SCCD Visual recognition system (optional)  
Recognizes a wide range of patterned and patterned materials



**双投影预览定位系统**  
实时投影预览定位切割  
Dual Projection Preview Positioning System  
Real-time projection preview for positioning cuts



**30度倾斜设计的铸造平台, X、Y、Z轴、基座均采用铸造一体成型工艺**  
30-degree inclined design casting platform  
X, Y, Z axes and base are cast in one piece.



**可移动式操控平台, 便捷收料、降低盲区、更符合人体工程学**  
Movable maneuvering platform  
Convenient Receiving, Reduced Blind Spots, More Ergonomic



## 无软件限制 | NO SOFTWARE LIMIT

可接DXF档案各主力CAD系统档案  
Applicable to DXF and other main CAD files



## 模块化设计 | MODULAR DESIGN

可搭载多套系统应对各种材料的切割需求  
Can be equipped with multiple sets of systems to satisfy the cutting needs of various materials



## 量少打样 | SMALL SAMPLE

大小订单皆可快速切割  
Flexible for samples made, suitable for small / large orders with fast cutting



## 无需斩刀 | DIE LESS CUTTING

运用数字化切割  
Digital cutting system



## 快速反应 | QUICK RESPONSE

省去制作斩刀时间,快速应对市场反应  
Save the time for making the die cutting mould, quickly respond to market reaction



## 高品质切割 | HIGH-QUALITY CUTTING

切面平整无毛边 / 高精度切割  
Smooth cutting edges without burr / High cutting accuracy

## 全球品质 GLOBAL QUALITY



### 技术参数 Technical Parameters

型号	工作面积	最大裁切速度	加速度	吸风风速	整机尺寸	重量	实际功率	风机最大功率(变频)	系统兼容格式	电源
Model	Processing area	Max cutting speed	Acceleration	Absorbing power	Dimension (mm) (L×W×H)	Weight	Actual power	Max power of blower (frequency conversion)	Compatible format	Power supply
VC9-960	900MM×600MM	500MM/S	3000-5000MM/S²	20M/S	1955×1295×1350MM	450kg	3800W	2200W	Windows 7/8/10 AI, PLT, DXF, DST, DSB	220VAC/17A, 50Hz or 60Hz
VC9-2080	2000MM×800MM	500MM/S	3000-5000MM/S²	20M/S	2850×1470×1870MM	1300kg	8600W	7500W	Windows 10/11 PLT, DXF	380VAC/32A, 50Hz or 60Hz
VC9-3010TT	3000MM×1000MM	500MM/S	3000-5000MM/S²	20M/S	3810×2140×2320MM	1500kg	17000W	7500W		380VAC/32A, 50Hz or 60Hz
VC9-3010TT-2SCCD	3000MM×1000MM	500MM/S	3000-5000MM/S²	20M/S	3810×2140×2320MM	1500kg	17000W	7500W		380VAC/32A, 50Hz or 60Hz

型号\功能	CCD/SCCD/SSCCD/4SCCD 视觉定位	双头异步	自动送料	双网版左右互动	投影定位	IoT	分区真空吸附	智能排版	电动刀、气动刀双设计
Model\Function	CCD/SCCD/SSCCD /4SCCD Visual positioning	Dual-head asvnc	Auto feeding	Double working tables	Projector positioning	IoT	Partitioned vacuum adsorption	Smart nesting	Electric knife, pneumatic knife double design
VC9-960	×	×	×	×	√	√	×	√	标配气动 Standard Pneumatic
VC9-2080	×	×	×	×	√	√	√	√	标配气动 Standard Pneumatic
VC9-3010TT	×	√	×	×	√	√	√	√	标配气动 Standard Pneumatic
VC9-3010TT-2SCCD	√	√	×	×	√	√	√	√	标配气动 Standard Pneumatic