

安诺泰系统集成（苏州）有限公司

ANUOTAI SYSTEM INTEGRATION (SUZHOU) CO., LTD.

苏州莱臻贸易有限公司

SUZHOU LICORNE TRADE CO., LTD.

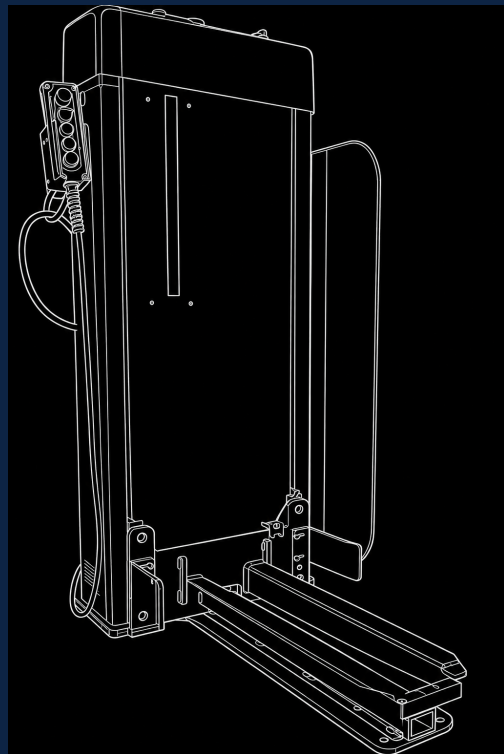


专业非标钣金 · 精密机加工 · 工业自动化

Specialized non-standard sheet metal work · Precision machining
· Industrial automation.

成立 2010

FOUNDED IN 2010



● 公司简介 Company Profile

关于我们

安诺泰系统集成（苏州）有限公司成立于2010年02月，是一家专业从事非标生产设备和生产自动化的高科技企业。

公司主要为电子、汽车零部件、电脑周边产品、低压电器等相关工业领域提供客户定制的非标产品及自动化生产设备。

从可行性研究到设计制造及售后服务，公司采用先进的机构设计及系统控制技术，向客户提供智能快捷的一站式技术服务，持续提升社会生产力与企业竞争力。

苏州莱臻贸易有限公司负责海外客户沟通、国际销售、报价及商务协调、出口流程和订单交付支持，为海外项目提供持续的商务与出口服务。

About Us

Established in Feb. 2010, Anuotai System Integration (Suzhou) Co., Ltd. is a high-tech enterprise specializing in non-standard production equipment and manufacturing automation. The company primarily provides customized non-standard products and automated production equipment to industries such as electronics, automotive components, computer peripherals, and low-voltage electrical appliances. Covering the entire lifecycle—from feasibility studies and design/manufacturing to after-sales service—the company utilizes advanced mechanical design and system control technologies to deliver intelligent, efficient, one-stop technical services, thereby continuously enhancing industrial productivity and corporate competitiveness.

Suzhou Licorne Trade Co., Ltd. manages overseas client communication, international sales, quotations, business coordination, export processes, and order delivery support, providing ongoing commercial and export services for overseas projects.

主要客户 · KEY CLIENTS



Honeywell

oerlikon



DAICEL

MAHLE



Valeo
法雷奥

● 主要业务 · MAIN BUSINESS

01

钣金加工

Sheet Metal Fabrication

物流周转车 · FiFo先进先出地轨 · 油盘 · 框架 · 各类钣金结构件

Logistics trolleys · FiFo first-in-first-out rails · Oil trays · Frames · Custom sheet metal structures

02

精密机加

Precision Machining

腔体机加工 · 汽车零部件精密加工 · 五轴联动加工

Cavity machining · Precision automotive parts machining · 5-axis machining

03

非标自动化

Non-Standard Automation

工业自动化设备 · 夹具设计制造 · 物流运输系统集成

Industrial automation equipment · Fixture design & manufacturing · Logistics transfer system integration

钣金车间

Sheet Metal Workshop

钣金车间 · 主要设备

Sheet Metal Workshop · Main Equipment

光纤激光切割机

Fiber Laser Cutting Machine

大幅面精密切割
Large-format precision
cutting



设备状态: 正常运行
Status: Normal operation

数控折弯机

CNC Press Brake

AMADA RG1030



设备状态: 正常运行
Status: Normal operation

电液剪板机

Hydraulic Shearing Machine

数控剪切系统
CNC shearing system



设备状态: 正常运行
Status: Normal operation

ELECTRA 折弯机

ELECTRA Press Brake

欧洲进口设备
Imported European
equipment



设备状态: 正常运行
Status: Normal operation

冲压机 LAIFU-80N

LAIFU-80N Stamping Press

精密冲压成型
Precision stamping forming



设备状态: 正常运行
Status: Normal operation

机加工车间

CNC Machining Workshop

机加工车间·设施一览

CNC Machining Workshop · Facility Overview

- 多台 Mazak 加工中心 (V系列 / V1160 / V10)
Multiple Mazak machining centers (V series / V1160 / V10)
- 卧加 C63 / 日本马扎克五轴 JS600、I700
Horizontal machining center C63 / Mazak 5-axis JS600, I700
- 搅拌摩擦焊 V150 / 科德五轴 600
Friction stir welding V150 / Kede 5-axis 600
- 三坐标测量仪 CMU810610216 / 光学影像仪 / 蔡司 PRISMOID / 粗糙仪 (日本三丰)
CMM CMU810610216 / Optical measuring system / ZEISS PRISMOID / Mitutoyo roughness tester



18+

主要生产设备

Main Production Equipment

4+

精密检测设备

Precision Inspection Equipment

5轴 5-Axis

多轴加工能力

Multi-axis Machining Capability

● 机加主要设备清单 · EQUIPMENT LIST

主要生产设备	序号	设备名称	设备型号	数量	设备购置时间	设备运转情况	台面尺寸
	1	加工中心	V8	1	2015/4/1	正常	800*500
	2	加工中心	V8	2	2015/4/1	正常	600*400
	3	加工中心	V8	1	2018/10/20	正常	600*400
	4	加工中心	V8	2	2019/8/20	正常	800*500
	5	加工中心	V8	1	2018/7/30	正常	800*500
	6	加工中心	V8	1	2019/10/20	正常	600*400
	7	加工中心	V8	2	2017/6/10	正常	600*400
	8	加工中心	V8	2	2017/6/10	正常	600*400
	9	加工中心	V8	1	2017/6/10	正常	800*500
	10	加工中心	V8	1	2018/6/10	正常	600*400
	11	加工中心	V8	1	2018/6/10	正常	800*500
	12	加工中心	V1160	7	2020/11/10	正常	1160*700
	13	加工中心	V10	2	2018/8/20	正常	1000*700
	14	卧加	C63	1	2021/8/20	正常	1360*800
	15	日本马扎克五轴	JS600	1	2020/11/20	正常	600*600
	16	日本马扎克五轴	I700	1	2022/10/8	正常	1100*630
	17	搅拌摩擦焊	V150	1	2021/8/20	正常	1500*800
	18	科德五轴	600	1	2020/4/28	正常	600*600
主要检测设备	序号						
	1	三坐标测量仪	CMU810610216	1	2018/6/15	正常	8106
	2	光学影像仪	SRN520-9001-0104	1	2018/9/15	正常	300*400
	3	蔡司	PRISMOID	1	2021/8/20	正常	1200*900
	4	粗糙仪	日本三丰	1	2021/8/20	正常	
	5						

● 机加产品展示 · MACHINED PRODUCTS

精密腔体 Precision Cavity

通信腔体机加件 Machined telecom cavity parts

高精度 · 复杂结构 · 客户定制
High precision · Complex structure
· Customer customized



压铸精加 Die-cast Precision Machining

通信压铸件 Telecom die-cast parts

高精度 · 复杂结构 · 客户定制
High precision · Complex structure
· Customer customized



腔体结构 Cavity Structure

通信腔体 Telecom cavity

高精度 · 复杂结构 · 客户定制
High precision · Complex structure
· Customer customized



零部件精加 Precision Parts Machining

汽车机加件 Automotive machined parts

高精度 · 复杂结构 · 客户定制
High precision · Complex structure
· Customer customized



产品展示

Product Display

工位器具 · 物流器具 · 自动化设备

Workstation fixtures · Logistics fixtures · Automation equipment

产品展示 · 物料架 / 线棒型材架

Product Display · Material Racks / Wire Tube & Aluminum Profile Racks

线棒 / 型材架 (Wire Tube & Aluminum Profile Rack)

轻量化线棒骨架结构，灵活可重组

Lightweight wire-tube frame structure, flexible and reconfigurable



FiFo先进先出导轨配套

FiFo first-in-first-out guide rail matching



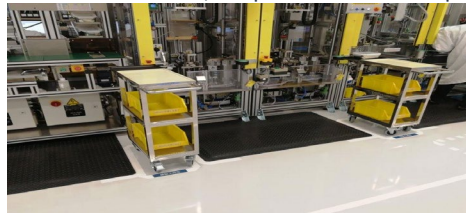
铝型材架：高强度、防腐蚀、洁净适用

Aluminum profile racks: high strength, corrosion resistant, clean-area suitable



支持带轮移动，适配各类生产线

Mobile with casters, adaptable to different production lines



产品展示 · FiFo 先进先出地轨及小车

Product Display · FiFo First-in-First-out Rails and Trolleys

FiFo 先进先出地轨系统

FiFo First-in-First-out Rail System

材质

Material

不锈钢 / 铝导轨

Stainless steel / Aluminum rails

特点

Features

先进先出，精确定位

First-in-first-out, precise positioning

配套

Matching

专用周转小车

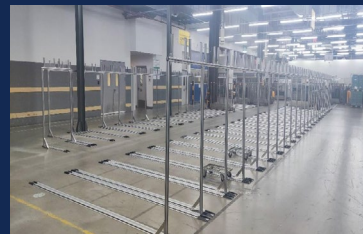
Dedicated transfer trolley

应用

Applications

汽车、电子等制造业

Automotive, electronics and other manufacturing industries



产品展示 · 物流车辆 / 跑线牵引周转车

Product Display · Logistics Vehicles / Towing Transfer Trolleys

跑线牵引列车 Towing Transfer Train

多节拖挂式
大容量物料配送
适配工厂内物流动线
Multi-section towing type
Large-capacity material delivery
Suitable for in-plant logistics routes



不锈钢周转车 Stainless Steel Transfer Trolley

食品/洁净级别材质
精密零件转运专用
Food/clean-grade material
For precision parts transfer



带导向轮周转车 Guided-wheel Transfer Trolley

地面导轨配套
精确路线行驶
配合FiFo系统
Matched with floor guide rails
Precise route movement
Works with FiFo system



AGV 配套托盘车 AGV-compatible Pallet Trolley

旋转提升机构
可与AGV无缝对接
Rotary lifting mechanism
Seamless docking with AGV



产品展示 · 物流小车 (可配套提升机)

Product Display · Logistics Trolley (Lift-compatible)

物流小车类型

Logistics Trolley Types

蓝色喷塑钢制平板小车

Blue powder-coated steel flat trolley

不锈钢精密周转底板

Stainless steel precision transfer base plate

四向万向轮，灵活机动

Four-way swivel casters, flexible movement



产品展示 · 物流车导向轨及限位轨

Product Display · Logistics Trolley Guide Rails & Stop Rails

导向轨系统 (Guide Rail System)

精度 Precision

精确导向 Precise Guidance

车轮与导轨精确配合，确保行驶路径稳定
Wheels and rails fit precisely to ensure stable travel paths

安全 Safety

限位保护 Stop Protection

末端限位器防止越位，保护操作安全
End stops prevent overtravel and protect operation safety

材质 Material

优质材质 Quality Material

铝合金导轨，轻量化、抗磨损
Aluminum alloy rails, lightweight and wear-resistant

定制 Customization

灵活定制 Flexible Customization

支持直线/弧线轨道，适配各类厂房布局
Supports straight/curved tracks for different factory layouts



产品展示 · 看板及智能文件柜

Product Display · Display Boards & Smart File Cabinets

单看板

Single Display Board

单面展示板，
适合工位信息展示
Single-sided display board,
suitable for workstation information
display



多层看板

Multi-layer Display Board

多层展示板，
信息层次丰富
Multi-layer display board,
clear information hierarchy



移动式看板

Mobile Display Board

带轮底座
灵活移动，快速部署
Caster base,
flexible movement and quick
deployment



智能文件柜

Smart File Cabinet

办公室专用
防护等级高
整洁收纳
For offices,
high protection and tidy
storage





产品展示 · 报废箱

Product Display · Scrap Bins

工位报废箱

Workstation Scrap Bin

红色漏斗式设计
工位直接投入
底部收集箱可拆卸，
清理方便
适合精密小零件报废收集
Red funnel-type design
Direct input at workstation
Removable bottom collection box
Easy cleaning
For precision small-parts scrap
collection



标准定制品

Standard customized product

线边报废箱（机加工报废箱）

Line-side Scrap Bin (Machining Scrap Bin)

大容量柜体，双门开合
醒目红色涂装，便于现场识别
加锁设计，防止误操作取用
Large-capacity cabinet with double doors
Bright red coating for easy on-site identification
Lockable design to prevent incorrect access



标准定制品

Standard customized product

产品展示 · 工作台系列

Product Display · Workbench Series

01

大理石测量工作台 Granite Measuring Workbench

高精度测量基准面，防震设计
High-precision measuring reference surface, anti-vibration design

- 客户定制 · 标准交付
- Customer customized · Standard delivery



02

防静电检测工作台 ESD Inspection Workbench

ESD防护，电子元器件专用
ESD protection, designed for electronic components

- 客户定制 · 标准交付
- Customer customized · Standard delivery



03

实验室全钢通风柜 All-steel Laboratory Fume Hood

全钢结构，耐酸碱，安全排风
All-steel structure, acid/alkali resistant, safe exhaust

- 客户定制 · 标准交付
- Customer customized · Standard delivery



产品展示 · 设备油盘及操作踏台

Product Display · Equipment Oil Tray & Operating Platform

设备油盘

Equipment Oil Tray

防溢漏钢制底盘，承接设备漏油，保护车间地面洁净

Anti-leakage steel tray collects equipment oil leakage and keeps workshop floors clean



操作踏台（格栅踏台）

Operating Platform (Grating Platform)

热镀锌钢格栅，防滑耐压，符合工厂安全标准

Hot-dip galvanized steel grating, anti-slip and load-resistant, meeting factory safety standards



产品展示 · 清洗设备框架及清洗篮

Product Display · Cleaning Equipment Frames & Cleaning Baskets

清洗设备框架

Cleaning Equipment Frame

全不锈钢焊接结构

洁净级别制造

支持多种清洗工艺

All stainless steel welded structure

Clean-grade manufacturing

Supports multiple cleaning processes



清洗篮

Cleaning Basket

不锈钢丝焊接

多层叠放设计

耐高温、耐腐蚀

Stainless steel wire welding

Multi-layer stackable design

High temperature and corrosion resistant



整线集成方案

Integrated Line Solution

清洗→烘干→输送

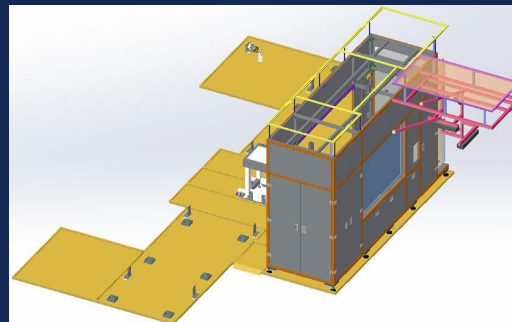
全流程自动化

3D设计模拟验证

Cleaning → Drying → Conveying

Full-process automation

3D design simulation verification



产品展示 · 提升机 / AGV配套周转

Product Display · Lifts / AGV-compatible Transfer Equipment

01

周转箱提升机 Tote Box Lift

垂直升降，自动对接，节省空间
承载周转箱，与传送线无缝衔接

Vertical lifting, automatic docking, space-saving
Carries tote boxes and connects seamlessly with conveyors



02

托盘车旋转提升机 Rotary Pallet Trolley Lift

旋转升降双功能

可与AGV小车精准对接，实现自动化物流
Rotary and lifting functions
Precise docking with AGV for automated logistics



03

AGV周转配套 AGV Transfer Support

适配主流品牌AGV

(海康、极智嘉等)

托盘、周转箱、货架均可定制

Compatible with mainstream AGV brands
(Hikvision, Geek+ etc.)

Pallets, tote boxes and racks can be customized



产品展示 非标自动化

Custom Non-Standard Automation Equipment

产品展示 · 冰箱门疲劳测试机

Product Display · Refrigerator Door Fatigue Testing Machine

冰箱门疲劳寿命测试机

Refrigerator Door Fatigue Life Testing Machine

- 模拟真实开关门动作，进行超高次疲劳寿命测试
Simulates real door opening/closing actions for high-cycle fatigue life testing
- 可同时测试多台冰箱，提升检测效率
Multiple refrigerators can be tested simultaneously to improve inspection efficiency
- 精确记录每次开合力、角度、次数
Accurately records opening/closing force, angle and cycle count
- 符合国际家电耐久性测试标准
Complies with international appliance durability testing standards



产品展示 · 汽车仪表组装设备

Product Display · Automotive Instrument Cluster Assembly Equipment

S1

表牌组装工站 Dial Plate Assembly Station

视觉定位+伺服压装
精确装配表盘
Vision positioning + servo
press-fitting
Precise dial plate assembly

汽车仪表专用自动化设备
Dedicated automotive instrument automation equipment



S2

JUMP POINT 测试工站 JUMP POINT Test Station

全自动电气检测
100%在线检验
Fully automatic electrical
testing
100% online inspection

汽车仪表专用自动化设备
Dedicated automotive instrument automation equipment



S3

步进电机 焊接工站 Stepper Motor Soldering Station

超声波焊接
稳定可靠
Ultrasonic
soldering
Stable and reliable

汽车仪表专用自动化设备
Dedicated automotive instrument automation equipment



S4

表壳卡扣 检测工站 Housing Clip Inspection Station

力觉传感器监测
防错保证
Force sensor monitoring
Error-proofing
assurance

汽车仪表专用自动化设备
Dedicated automotive instrument automation equipment



产品展示 · 老化测试设备

Product Display · Aging Test Equipment

老化测试设备

Aging / Burn-in Test Equipment

多层插板
Multi-layer plug-in
boards

大容量，多路同时老化
Large capacity, multi-channel simultaneous aging

安全保护
Safety Protection

过温、过流自动断电保护
Automatic power-off protection for over-
temperature and over-current

温控系统
Temperature Control
System

精确温度管控，模拟极端工况
Precise temperature control to simulate extreme
conditions

数据记录
Data Recording

实时监控，数据可追溯
Real-time monitoring with traceable data



产品展示 · 机械手焊接工位

Product Display · Robotic Welding Station

机械手自动焊接系统

Robotic Automatic Welding System

机器人 Robot

机器人 Robot

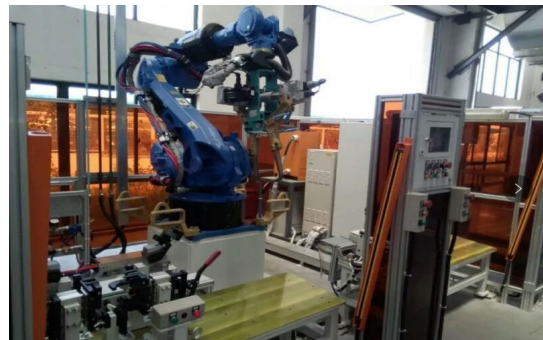
6轴焊接机器人，重复定位精度 $\pm 0.05\text{mm}$
6-axis welding robot, repeatability $\pm 0.05\text{mm}$

工装 Fixture

焊接夹具

Welding Fixture

精密定位工装，确保焊接一致性
Precision positioning fixture ensures welding consistency



防护 Protection

安全防护

Safety Protection

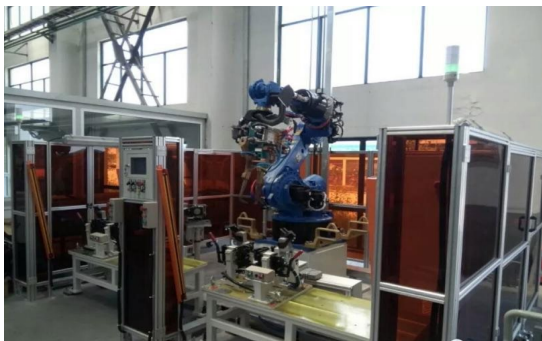
透明防护屏障，人机安全隔离
Transparent protective barrier for human-machine safety separation

效率 Efficiency

双工位轮换

Dual-station Alternation

连续生产，上下料不停机
Continuous production with loading/unloading without downtime



产品展示 · 缸体组装检测工站 / 阀体组装总线

Product Display · Cylinder Assembly & Inspection Station / Valve Body Assembly Line

缸体组装检测工站

Cylinder Assembly & Inspection Station

多工序集成：压装→检测→标记

力控伺服压装，过程数据全记录

适配多种缸体型号，快速换型

Multi-process integration: press-fitting → inspection → marking

Force-controlled servo press-fitting with full process data recording

Adaptable to multiple cylinder models, quick changeover



阀体组装总线

Valve Body Assembly Line

在线旋转组装平台

多工位同步装配，高节拍生产

集成视觉检测与气密测试

Online rotary assembly platform

Multi-station synchronized assembly for high-takt production

Integrated vision inspection and air-leak testing



产品展示 · 载盘升降机 / 在线组装单站

Product Display · Pallet Lift / Online Assembly Station

自动化
Automation

载盘升降机
Pallet Lift

自动升降供料，无人化对接生产线

支持多规格载盘，适配性强

Automatic lifting and feeding, unmanned docking with production line

Supports multiple pallet specifications with strong adaptability



精密
Precision

在线组装单站
Online Assembly Station

圆形转盘式多工位设计

旋转分度，高精度定位组装

适用于轴承、密封圈类零件

Circular rotary multi-station design

Indexing rotation for high-precision positioning assembly

Suitable for bearings, seals and similar parts



产品展示 · 在线组装检测工位 / 阀体组装总线

Product Display · Online Assembly & Inspection Station / Valve Body Assembly Line

亮点 1 Highlight 1

在线组装检测工位 Online Assembly & Inspection Station

力控压装 + 在线测量双功能集成，黄色防护罩安全设计
Force-controlled press-fitting + online measurement integration; yellow protective cover for safety



亮点 2 Highlight 2

阀体组装总线整线 Complete Valve Body Assembly Line

超长产线设计，多工位串联，节拍 ≤ 15 s/件
Long production line design with multiple stations in series; takt time ≤ 15 s/pc



您的信任，就是我们最大的回报

YOUR TRUST IS OUR GREATEST REWARD.

安诺泰系统集成（苏州）有限公司

Anuotai System Integration (Suzhou) Co., Ltd.

苏州莱臻贸易有限公司

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