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专业品质 追求卓越
PROFESSIONAL QUALITY, EXCELLENCE PURSUE



重庆紫旭机械厂
CHONGQING ZIXU MACHINE WORKS



重庆紫旭机械厂
CHONGQING ZIXU MACHINE WORKS

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<http://www.ckdbj.com>

<http://www.dabiaoji.com.cn>

<http://www.ckmarking.com>

您身边的打标机专家
为您提供一站式打标服务

One-Stop Marking Machine Producer
Solving All Marking Challenges

目录
CONTENTS

01	About as 关于我们	07	Electric Dot Marking Series 电动标刻系统
02	Laser Marking & Engraving Series 激光标刻系统	08	Laser Welders 激光焊接机
04	Pneumatic Dot Marking Series 气动标刻系统	10	Laser Cleaner 激光清洗机
06	Pneumatic Scribe Marking Series 气动刻划系统	12	Consumables and accessories 耗材和配件
		14	Pneumatic marking needle 打标针

ABOUT US



重庆紫旭机械厂自2006年成立即致力于研发、设计、制造和销售针式打标机，迄今我们已拥有3项发明专利，19项实用新型专利及8个控制软件著作权，并逐渐深入到激光标刻、焊接、切割及清洗领域。依托于智能工业的发展，我们的产品可实现ERP、MES等系统的接入和协同，并可提供从小批量精密加工到智能化流水线的一站式服务。迄今为止，我司已为多家财富500强公司提供自动化标刻、焊接及清洗方案，产品被广泛应用于航空航天、机动车、能源化工、家用电器、消费电子、食品快消、医药器械、五金配件等行业并远销全球100多国。

We, Chongqing Zixu Machinery Works, are committed to R&D, design, manufacture and sales of peen marking machine since our establishment in 2006, so far, we have 3 invention patents, 19 utility model patents and 8 control software copyrights, and gradually penetrate into the field of laser marking, welding, cutting and cleaning. Capitalizing on the development of intelligent manufacturing, we now offer products that work with ERP, MES, and other intelligent systems to provide one-stop solutions from small-batch nimble processing to intelligent processing lines. To date, we have provided automated marking, welding, and cleaning solutions to numerous Fortune 500 companies, and our products are widely used in the aerospace, automobile & motorcycle, energy & chemical, appliance, consumer electronics, consumer goods, medical, and metal hardware industries and exported to more than 100 countries worldwide.



激光标刻系统

LASER MARKING & ENGRAVING SERIES

我们提供高度定制化的激光标刻系统，根据客户实际标刻需求来配置激光器，振镜，场镜，机柜，控制板卡，多轴,模组，控制软件等，并提供软硬件的安装、调试、售后维修等技术服务。

We provide highly customized laser marking system, according to the customer's actual marking needs to configure the laser source, galvo, F-theta lens, machine shape, control boards, multi-axis modules, control software, etc., and provide hardware and software installation, commissioning, after-sales maintenance and other technical services



激光器 Laser Source	UV:3~30W Co2:30~150W Fiber:20~500W	标刻速度 Marking Speed	5000~12000mm/s
激光器品牌 Laser Brand	Coherent/IPG/Raycus/ JPT/GZTech/CRS/Davi	写入速度 Writing Speed	438~600cps



100*100~175*175mm



100*100/150*150mm



100*100~175*175mm



100*100~175*175mm



100*100~300*300mm



100*100~300*300mm



100*100~200*200mm



100*100~200*200mm



300*300~2500*1300mm



100*100~200*200mm



定制范围 (Custom)



定制范围 (Custom)

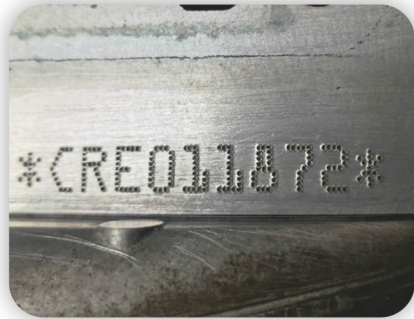
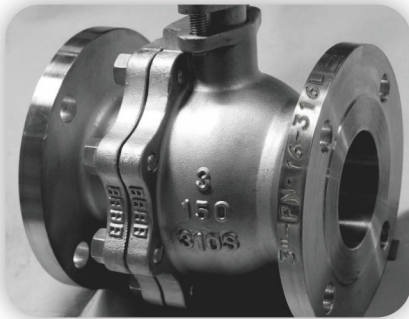
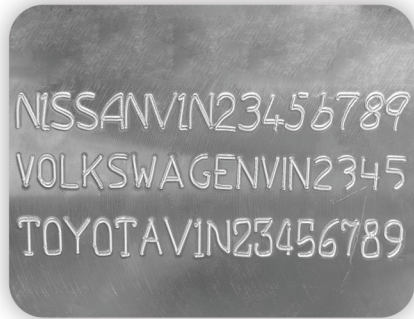
注:仅展示部分机器式样,若有更多外观或结构需求请咨询销售人员。
Note: Only shows part of the machine style, if you have more appearance or structure needs, please contact the sales staff.

气动标刻系统

PNEUMATIC DOT MARKING SERIES

相较于日趋流行的激光标刻系统，气动针式标刻系统在金属材质标记上更具性价比，尤其在有一定深度要求的工件上气动针式的效率远胜激光。

Compared to the increasingly popular laser marking systems, pneumatic needle marking systems are more cost effective for marking metals, especially for workpieces that require some depth, where the efficiency of pneumatic dot marking is far superior to that of lasers.



标记深度 Marking depth	0.01-1mm	气压 Compressed Air	0.2-0.6Mpa
标记速度 Marking speed	2-5字符 (2x2mm/s) 2-5characters (2x2mm/s)	针头硬度 Stylus pin Hardness	HRA92/HRA93



80*40/120*50mm



130*30~110*20mm



140*80mm



150*80~300*100mm



140*80mm



140*80~400*400mm



80*40mm



140*80mm



80*40~200*200mm



140*80mm



80*40~140*80mm



定制范围 (Custom)

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气动刻划系统

PNEUMATIC SCRIBE MARKING SERIES

我们自行研发生产的刻划系统可在金属表面提供清晰、光滑且无毛刺的标记效果，并在深度标刻、标刻效率、工况噪音上取得了平衡，以满足高端客户在产品细节上的挑剔需求。

Our scribing systems are designed and manufactured to provide clear, smooth and burr-free marking on metal surfaces with a balance of depth marking, marking efficiency and noise to meet the demanding product detail requirements of our high-end customers



定制范围(Custom)



定制范围(Custom)



120*30/150*90mm

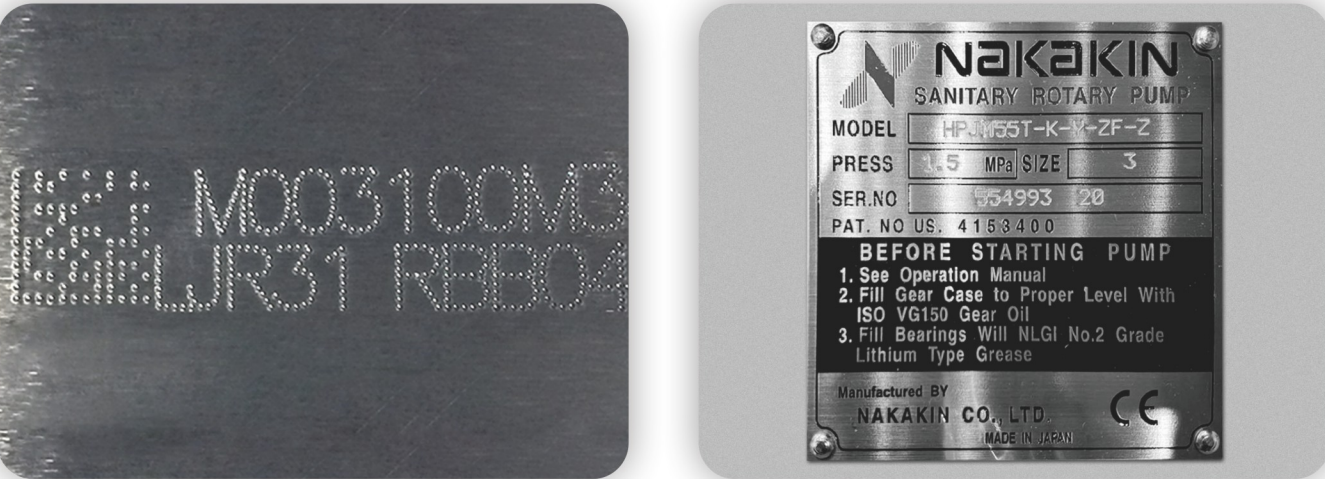
标刻深度 Marking depth	0.01-1.8mm	刻划噪音 Scribing noise	<60dB
标记速度 Marking speed	1-180字符/分 1-180Characters/min	标记宽度 Marking width	0.1-3.4mm

电动标刻系统

ELECTRIC DOT MARKING SERIES

我们提供可灵活部署和使用电动针式系统，无需压缩空气即插即用，尤其适合各类入门级金属标记需求。更有充电电池驱动的手持款式以便客户移动标刻。

We offer the flexibility to deploy and use electric marking systems that are plug-and-play without compressed air, which are ideal for entry level metal marking demands, as well as handheld models powered by rechargeable batteries for mobile marking.



120*30mm



150*40mm



140*80mm

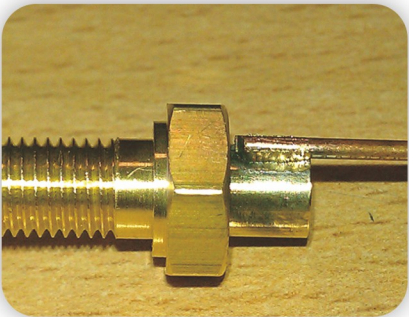
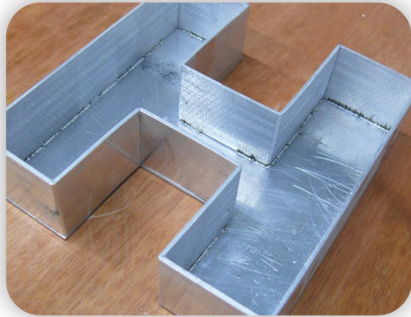
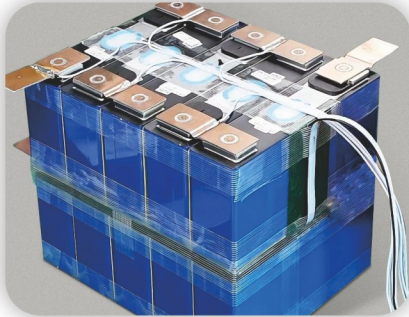
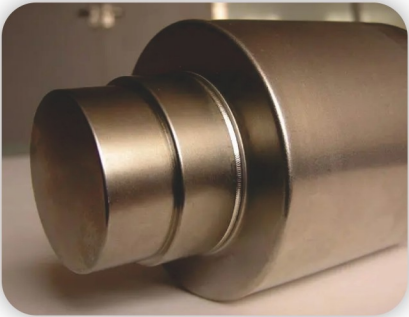
标记深度 Marking depth	0.05-0.3mm	字符大小 Character size	≥1mm
标记速度 Marking speed	1-3字符/秒 1-3Characters/s	针头硬度 Stylus pin Hardness	HRC93

激光焊接机

LASER WELDERS

我们提供从基本的手持式激光点焊机到高度自动化的振镜扫描焊机的一系列工业激光焊接方案, 包括精密模具维修焊机和锂电池PACK焊机, 为客户提供在焊接效率、质量和成本方面最均衡的焊机。

We offer a range of welding machines to meet industrial needs, from basic handheld laser spot welders to highly automated galvo scanning welding solutions, including precision mold repair welders and lithium battery pack welders, to provide our customers with the most balanced welder in terms of welding efficiency, quality and cost.



焊接厚度 Welding Thickness	单边最大6mm Up to 6mm per side	焊缝宽度 Weld Width	最大4mm Up to 4mm
冷却方式 Cooling Method	风冷/水冷 Air/Water Cooling	激光器类型 Laser Type	连续/脉冲激光 CW/Pulsed Fiber Laser



手持焊机
Handheld Welder



首饰焊机
Jewelry Welder



振镜焊机
Galvo Welder



平台焊机
Platform Welder



焊接机器人
Robotic Welder



模具焊机
Mold Welder

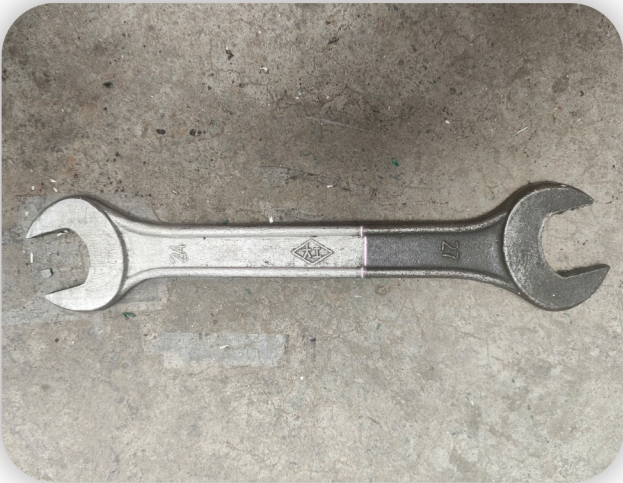
注: 仅展示部分机器式样, 若有更多外观或结构需求请咨询销售人员。
Note: Only shows part of the machine style, if you have more appearance or structure needs, please contact the sales staff.

激光清洗机

LASER CLEANER

我们生产先进的连续和脉冲光纤激光清洗机，以满足工业用户对快速、非消耗性和环保型去除金属或其他非金属工件上的锈迹、油漆和油污的需求，并提供最佳配置和价格，以满足客户的实际需求。

We manufacture state-of-the-art CW and pulsed laser cleaners to meet the needs of industrial users for fast, non-consumable and environmentally friendly removal of rust, paint and grease from metal or other non-metallic workpieces, with optimal configurations and pricing to meet customers' actual needs.



清洗宽度 Cleaning Width	110~800mm	激光器类型 Laser Type	连续/脉冲激光 CW/Pulsed Fiber Laser
冷却方式 Cooling Way	风冷/水冷 Air/Water Chilling	清洗速度 Cleaning Speed	≤25m ² /h



风冷脉冲清洗机
Air Cooled Pulsed Cleaner
Pulsed:50w-300W



水冷式脉冲/连续清洗机
Water Cooled Pulsed/CW Cleaner
P300~1000W/C1500~6000W



拖箱脉冲清洗机
Suitcase Pulsed Cleaner
Pulsed:50w-500W



背包脉冲清洗机
Backpack Pulsed Cleaner
Pulsed:50w/100w



自动平台激光清洗机
Automatic Platform Laser Cleaner
Pulsed:200~1000W



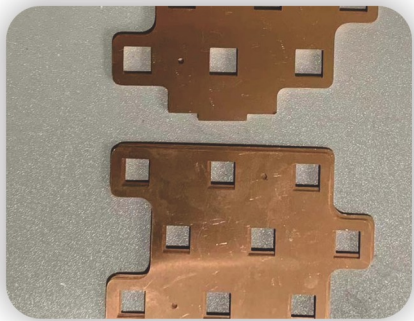
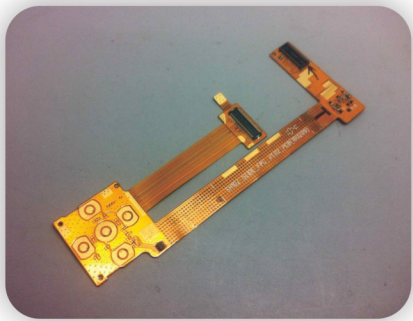
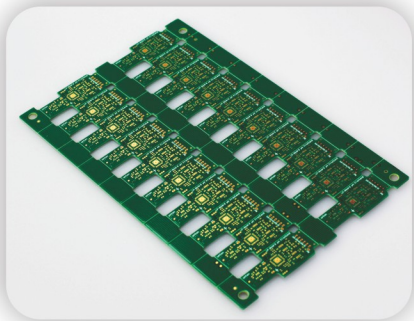
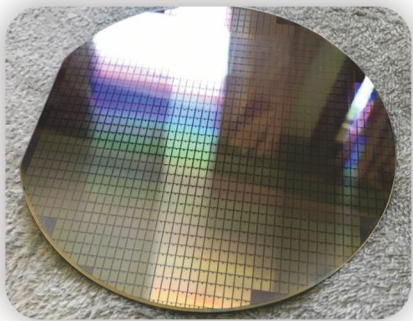
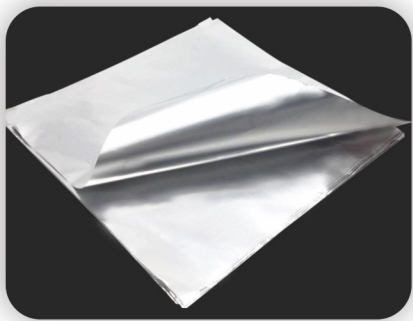
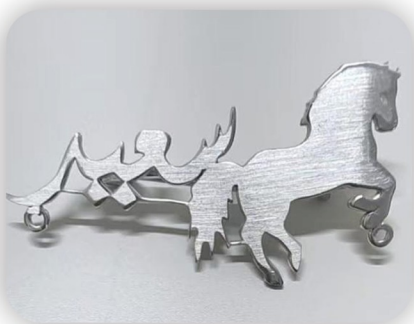
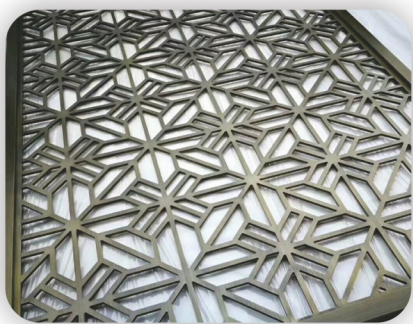
封闭式脉冲清洗机
Enclosed-alone Pulsed Cleaner
Pulsed:50W-1000W

注：仅展示部分机器式样，若有更多外观或结构需求请咨询销售人员。
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激光切割机
LASER CUTTING

我们提供可达纳米级定位和停止精度的精密激光切割机，可使用常规光纤和MOPA激光或红皮、绿皮、紫皮等超快激光以满足电子电路、精密玻璃、金属塑料薄膜薄板等精密零部件的柔性高效加工需求。

We offer precision laser cutting machines with nanometer positioning and stopping accuracy. They can be equipped with fiber or MOPA fiber lasers, as well as ultrafast infrared, green, or ultraviolet picosecond lasers. This enables us to efficiently and flexibly machine precision parts such as electronic circuits, precision glass, metal or plastic films, and sheets.



激光混切机 Mixed Materials Laser Cutting Machine	精密切割机 Precision Laser Cutting Machine	红外皮秒激光切割机 Picosecond Infrared (IR) Laser Cutting Machine	紫外皮秒激光切割机 Picosecond UV Laser Cutting Machine
80~300W	100~12000W	20~100W	20~100W



精密切割机
Precision Laser Cutting
Machine



激光混切机
Mixed Materials Laser Cutting
Machine



红外皮秒激光切割机
Picosecond Infrared (IR) Laser
Cutting Machine



紫外皮秒激光切割机
Picosecond UV Laser Cutting
Machine

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耗材和配件

CONSUMABLES AND ACCESSORIES

我们提供激光和针式标刻系统的各类耗材和备件, 包括完全自行生产的气动、电动及刻划打标针, 工装, 夹具及控制器等以满足不同客户的标刻需求, 哪怕一件也可定制。

We offer a wide range of consumables and spare parts for laser and pin marking systems, including completely in-house manufactured marking pins, fixtures and controllers to meet our customers' marking needs, even one piece can be customized.



气动针
Pneumatic Marking Needle



刻划针
Scribe Marking Needle



电动针
Electric Marking Needle



控制器
Marking Controller



旋转夹具
Rotary Marking Fixture



铭牌夹具
Nameplate Fixture



触摸屏
Touchscreen



定制工装
Customizable Fixture



法兰夹具
Flange Marking Fixture



激光器
Laser Source



振镜
Galvanometer



场镜
F-Theta Lens



控制板卡
Control Board



视觉定位
CCD Vision Positioning



冷水机
Water Chiller



焊接模组
Welding Torch & Controller



送丝机
Wire Feeder



清洗模组
Cleaning Galvo & Controller

注: 仅展示部分耗材及配件, 若有更多外观或结构需求请咨询销售人员。
Note: Only shows part of consumable and accessories, if you have more appearance or structure needs, please contact the sales staff.

打标针

PNEUMATIC MARKING NEEDLE

我们自2006年起便自行开发和生产各类打标针, 以满足不同客户对于标记速度, 深度, 线宽等需求. 时至今日, 我们已是世界范围内领先的打标针源头厂家, 年出货量占全国打标针的50%以上, 有近百个标准化的SKU并远销全球, 以满足各行业客户的不同需求.

Since 2006, we have continuously developed and produced marking needles to meet the needs of different customers in terms of speed, depth and line width. Today, we are the world's leading source of marking needles, accounting for more than half of the annual shipments of marking needles in China, with nearly 100 standardized SKUs and exported globally to meet the diverse needs of customers in various industries.



铝壳
Aluminum Series



钢壳
Steel Series



铜壳
Copper Series



镀层
Plated Series

针套材质 Shell Material	铝/铜/钢 Aluminum / Copper / Steel	针芯直径 Needle Core Dia.	1/2/3/4/5/6/7/8/(定制) or custom
针芯材质 Needle Core Material	95HRA碳化钨钢针 Tungsten Carbide Steel	螺纹规格 Threads	M18/M24/M26/M32/(定制) or custom

• 可选特殊工艺

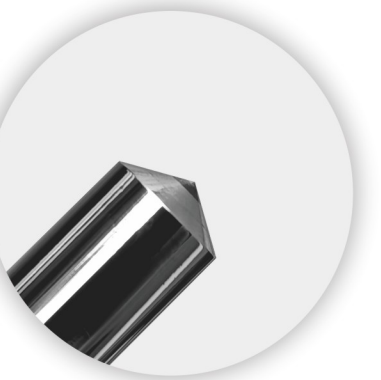
OPTIONAL SPECIAL PROCESS



镀钛
Titanization Tip



双角度
Twin Angle Tip



镶钻
Diamond Tip



L1-10.7-60-M26



L3-12.8-58-M24



L4-17.2-65-M26



L4-17.2-120-M26



L3-10.7-85-M26



L2.5-6-56-M26



T3-12-62-M26



T3-12-93-M26



T3-16.5-60-M26



T4-16.5-60-M26



T6-20-108-M26



T5-20-67-M32



LS2-8-60-M26



LS3-12-63-M24



LS3-14-65-M24



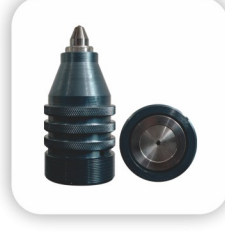
LS4-20-65-M30



LS6-25-95-M34



LS6-33-97-M45



LS12-33-97-M45



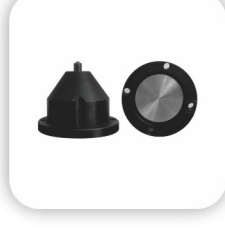
G3-10-75-M27



G6-27-58



G8-27-59



G8-49-64



E4-84-S39



E4-110-S39

仅展示我们数千种打标针中部分热销型号, 若有不同规格或工艺需求请咨询销售人员。
Note: Only some of our thousands of marking needles are shown in the hot models, if you have different specifications or process needs, please contact the sales staff.