





东莞市福野精密科技有限公司

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东莞市福野精密科技有限公司

DONGGUAN FUKUNO PRECISION TECHNOLOGY CO., LTD

企业画册

CORPORATE BROCHURE

多品种小批量制造专家

EXPERT IN HIGH-MIXED LOW-VOLUME





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多品种小批量制造专家

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智能

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东莞市福野精密科技有限公司

多品种小批量制造专家

Dongguan Fukuno Precision Technology Co., Ltd

Expert in high-mixed low-volume

可靠

高效

易用

Easy To Use

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安全



COMPANY

PROFILE

公司介绍

东莞市福野精密科技有限公司是一家集产品生产、销售、技术支持和服务于一体的综合性公司。

公司坐落在全球先进制造业中心粤港澳大湾区的东莞市,公司占地面积6000平米,现有员工数量150人,产品涵 盖精密五金零件、精密夹治具,产品广泛应用于医疗、通讯、光电、汽车以及自动化智能制造等领域。

公司成立以来,一直致力于精密机械加工能力的不断提升,专注于行业和客户的需求,致力于成为您信赖的伙伴,在 价格、品质和生产周期上有绝对的优势。

公司拥有各类先进 CNC 设备近百台,有专业的技术团队和完善的质量管理体系,我们以精益的生产理念、丰富的工 作经验以及广泛的供应链整合能力为基础,提供一流的产品和出色的服务来赢得客户的满意,公司的产品具有可靠的质 量保证及突出的价格优势。

福野精密,致力于成为客户的优先选择,是您值得信赖的合作伙伴!

Dongquan Fukuno Precision Technology Co., Ltd. is a comprehensive company that integrating production, sales, technical support, and services. We are is located in Dongguan City, Guangdong Hong Kong Macao Greater Bay Area, the global advanced manufacturing center. Which covers an area of 6000 square meters and currently employs 150 people. Its products include precision hardware parts, precision clamping fixtures, and are widely used in fields such as medical, communication, optoelectronics, automotive, and automated intelligent manufac-

Since its establishment, We've been committed to continuously improving our precision machining capabilities, focusing on the needs of the industry and customers, and striving to becoming your trusted partner, with absolute advantages in price, quality, and production cycle.

We have nearly a hundred advanced CNC equipment of various types, a professional technical team, and a comprehensive quality management system. Based on our lean production philosophy, rich work experience, and extensive supply chain integration capabilities, we provide first-class products and excellent services to win customer satisfaction. Our products have reliable quality assurance and outstanding price advantages.

Fukuno Precision is committed to being the first choice for our customers and to being a partner you can trust





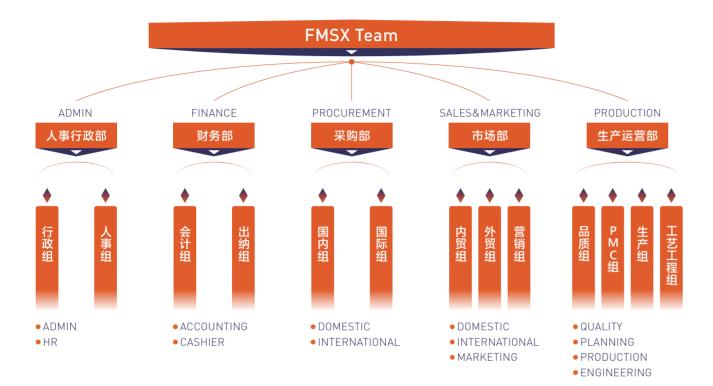
多品种小批量制造专家

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组织架构

ORGANIZATIONAL STRUCTURE





企业文化

CORPORATE CULTURE









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资质证书

QUALIFICATION CERTIFICATE







设备清单

EQUIPMENT LIST







设备类型	设备品牌	数量(台
高速CNC加工中心	日本FANUC	10
Veritical CNC machining center	FANUC, Japan	
高速CNC加工中心	德国DMG	6
Veritical CNC machining center	DMG,German	
CNC加工中心	台湾友佳+日本津.	上 18
CNC machining center	Youjia Taiwan+Tsugam	i Japan
5轴CNC		2
5-axis CNC	DMG,German	
中走丝	——————————— 中国震鸿	4
Medium-speed wire cut	Zhenhong,China	
慢走丝	日本FANUC	1
low-speed wire cut	FANUC,Japan	
普车	————————— 中国南方机床	1
Lathe	Nanfang,China	
	——————————— 日本津上	6
CNC Lathe	Tsugami,Japan	
自动数车(走芯机)	——————————— 日本津上	8
Swiss-type automatic lathe	Tsugami,Japan	
铣床	————————— 中国丰堡	6
Milling	Fengbao, China	-
磨床	中国台湾建德	3
Grinding	Jiande, Taiwan, China	-

Xihu, China

Tapping







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CNC加工工艺

CNC PROCESSING TECHNOLOGY







• 使用自研的零点夹持系统



• 生产管理先进



● 使用自研四轴



● 一次装夹,多面加工



● 4/5轴可应对结构复杂的零件加工



● 精度±0.01MM



● 多品种小批量



● 单品种大批量

慢走丝/中走丝/磨床/普铣

LOW-SPEED WIRE CUT/MEDIUM-SPEED WIRE CUT/GRINDING/MILLING



慢走丝加工区

LOW-SPEED WIRE CUTTING



MEDIUM-SPEED WIRE CUTTING





磨床加工区

GRINDING MACHINE PROCESSING AREA

普铣加工区

GENERAL MILLING PROCESSING AREA









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多品种小批量制造专家

工程设计

ENGINEERING DESIGN



01

夹治具/工装设计

CLAMP/FIXTURE DESIGN

专业设计团队

12位设计师/资深高级工程师

自研零点夹持系统

已拥有多项发明/实用新型专利

Professional design team 12 designers/senior engineers Self developed zero point clamping system Has obtained multiple invention/utility model patents



四轴/五轴/车铣复合编程

FOUR AXIS/FIVE AXIS/TURNING MILLING COMPOSITE PROGRAMMING

专业编程团队

7位编程工程师/资深高级工程师

自研零点夹持系统

已拥有多项发明/实用新型专利

Professional programming team

7 programming engineers/senior engineers Self developed zero point clamping system

Has obtained multiple invention/utility model patents

<u>03</u>

定期的工程技术会议

REGULAR ENGINEERING AND TECHNICAL MEETINGS

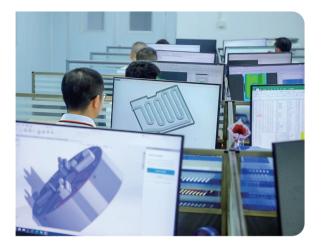
优化产品生产工艺

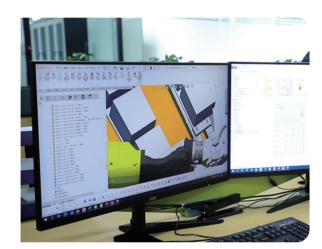
可行性提前分析

工艺验证

制程能力研究

Optimise the product manufacturing process Feasibility analysis in advance Process validation Research on process capability







辅助工艺

AUXILIARY PROCESS







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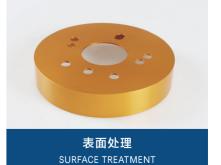




















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主要检测设备

MAIN TESTING EQUIPMENT

CMM三次元 —— CMM高度测量仪 ————— HEIGHT GAUGE 表面粗糙度仪 ———— SURFACE ROUGHNESS METER 2次元测量仪 —— 2D MEASURING INSTRUMENT TENSILE TESTING MACHINE 拉伸试验机 —— 硬度仪 —— HARDNESS TESTER DIGITAL MICROMETER 数显卡尺、内径千分尺 — DIGITAL CALIPER, INNER MICROMETER 涂层厚度测试仪 —— COATING THICKNESS TESTER 圆度仪 ———— ROUNDNESS METER MEASURING MICROSCOPE 测量显微镜 —— PROJECTOR 投影仪 —— 量块、针规 —— GAUGE BLOCK, NEEDLE GAUGE



产品检验

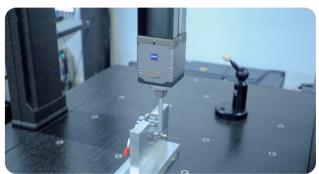
INSPECTION



















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自研ERP系统全程管控

FULL CONTROL WITH IN-HOUSE DEVELOPED ERP SYSTEM





智能生产管理系统

INTELLIGENT PRODUCTION MANAGEMENT SYSTEM



生产信息看板

PRODUCTION INFORMATION KANBAN

智能柔性化生产线

INTELLIGENT FLEXIBLE PRODUCTION LINES

■ 自研MES系统,生产全过程数字化,可追溯

In-house developed MES system, digitizing the entire production process, and enabling traceability.

自研智慧编程软件,自动生成加工程序

In-house developed intelligent programming software that automatically generates machining programs.

自研智慧调机解决方案,最大程度释放机床可用时间

In-house developed intelligent setup solution, maximizing machine tool uptime.

高阶智慧排产,更好规划和管理生产计划

Advanced intelligent scheduling for better production planning and management.

● ₫ 适应多品种小批量的柔性化生产

Adaptation to flexible production of high-mix, low-volume orders.

自主监控工程准备和生产流程,智能管理生产过程的工程参数

Autonomous monitoring of engineering preparation and production processes, intelligently managing engineering parameters during production.



📚 智能柔性化生产线优势 ADVANTAGES OF INTELLIGENT FLEXIBLE PRODUCTION LINES

- 1.设备综合效率OEE提升>50%
- 2. 工艺编写、程序编写CAPP提生>50%
- 3.夹具/刀具准备时间缩短70%
- 4.零件加工周期缩短40%
- 1. COMPREHENSIVE EQUIPMENT EFFICIENCY OEE OF OVER 50%
- 2. IMPROVEMENT IN PROCESS AND PROGRAM WRITING CAPP BY OVER 50%
- 3. REDUCE FIXTURE/TOOL PREPARATION TIME BY 70%
- 4. REDUCE THE PROCESSING CYCLE OF PARTS BY 40%









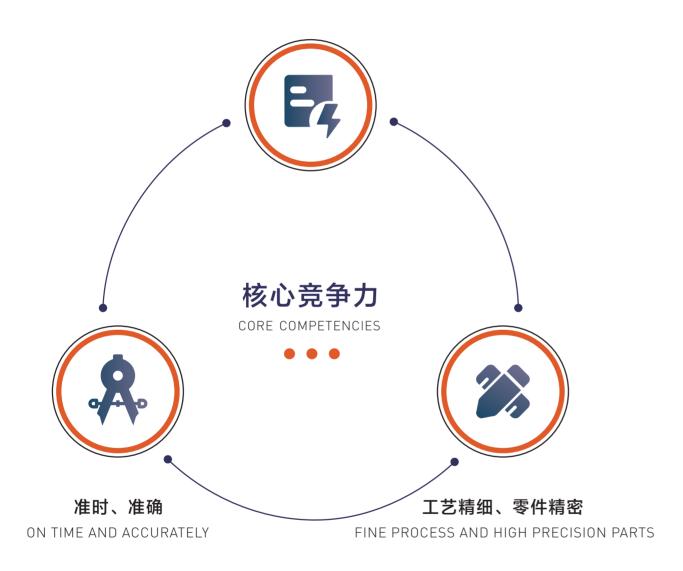
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核心竞争力

CORE COMPETENCIES

快交付、快响应

FAST DELIVERY, FAST RESPONSE



产品展示

PRODUCT DISPLAY





































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多品种小批量制造专家

产品展示

PRODUCT DISPLAY

医疗设备系列 MEDICAL EQUIPMENT SERIES













自动化设备系列 AUTOMATION EQUIPMENT SERIES

















销售市场分布 SALES MARKET DISTRIBUTION - <u>总部工厂中国广东</u> 图中标识为产品发往地 日本 3% <u>北美 3%</u> - **-**NORTH AMERICA 3% <u>其他 1%</u> OTHER 1% <u>东南亚 12%</u> -SOUTHEAST ASIA 3% 中国 64% <u>欧美 17%</u> - - - -销售额划分 中国 欧美 东南亚 北美 日本

