



铭杰达机械

GLORY MACHINERY

一家集研发、生产、销售和服务一体的技术型企业

A RESEARCH AND DEVELOPMENT, PRODUCTION, SALES AND SERVICE
INTEGRATION OF TECHNOLOGY-ORIENTED ENTERPRISES



Foshan Glory Machinery Equipment Co., Ltd.

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专业的团队



先进的技术



智能的设备

A 关于我们 bout us



GLORY MACHINERY



佛山铭杰达机械设备有限公司坐落于中国著名的不锈钢生产基地——广东省佛山市南海区。作为一家集研发、生产、销售与服务于一体的创新型高科技企业，我们始终深耕于金属表面处理领域。秉承“信誉求发展，质量求生存”的核心宗旨，铭杰达机械凭借精密的加工设备、完善的检测体系以及雄厚的技术实力，确保每一道工序都达到行业顶尖水准。我们承诺，关键核心零部件均选用欧美、日本及中国台湾地区的优质进口件，以保障设备的极致精度与超高可靠性。

铭杰达机械致力于提供卓越的表面加工解决方案，主要产品涵盖：雪花砂（NO.4）磨砂机、拉丝机（HL）、普通砂磨机，以及高效清洗机、自动贴膜机及定制化自动化生产线。我们的设备广泛应用于多种金属的表面精密加工，包括：纯钛（TA1）、钛合金（TC4）、镍基合金、纯镍、钨高温合金、镁铝合金、铜合金及不锈钢等。

“坚持不懈为客户提供增值服务”是我们的承诺。我们不仅提供机器，更提供完善的生产解决方案：售前，深度规划咨询，提供量身定制的厂房设计与布局方案；售中，专业安装调试，全程技术指导，确保顺利投产；售后，细致的员工技术培训，提供长期稳定的技术支持与维护。

凭借卓越的品质与专业的服务，铭杰达机械的产品已远销越南、泰国、印度、巴西、土耳其等多个国家和地区，赢得了全球客户的广泛信赖。

Company Brochure Content (English Version)

Located in Nanhai District, Foshan, Guangdong-the heart of China's stainless steel industry-Foshan Glory Machinery Equipment Co., Ltd. is a high-tech enterprise integrating R&D, manufacturing, sales, and service. We are dedicated to advancing the field of metal surface treatment. Guided by our philosophy of "Development through Reputation, Survival through Quality," we leverage precision manufacturing, rigorous testing systems, and robust technical expertise to ensure every process meets the highest industry standards. We prioritize reliability by utilizing critical components imported from Europe, America, Japan, and Taiwan, ensuring our equipment delivers both high precision and long-term durability.

Glory Machinery is committed to providing superior surface processing solutions. Our core product portfolio includes No. 4 Finish (Satin) machines, Scotch Brite (SB), Hairline (HL) machines, BA Polishing, 6K/8K mirror machine, as well as high-efficiency cleaning machines, automatic laminating machines, and customized automated production lines. Our equipment is widely applied in the surface finishing of a diverse range of metals, including Pure Titanium (TA1), Titanium Alloys (TC4), Nickel-based Alloys, Pure Nickel, Tungsten High-temperature Alloys, Magnesium-Aluminum Alloys, Copper Alloys, and Stainless Steel.

"Persistent commitment to providing value-added services for our clients" is our promise. We don't just sell machines; we provide comprehensive production solutions. Pre-sales: In-depth consulting, providing tailor-made plant design and layout solutions. In-sales: Professional installation, commissioning, and full technical guidance to ensure a seamless production start. After-sales: Comprehensive staff technical training and long-term, stable technical support and maintenance.

With superior quality and professional service, Mingjieda Machinery has successfully expanded its footprint into international markets, including Vietnam, Thailand, India, Brazil, Turkey, and beyond, earning the trust of a global clientele.



平板砂光、HL、SB 生产线

SHEET TO SHEET POLISHING AND GRINDING MACHINE LINE
FOR NO.4+SB + HAIRLINE WITH AUTOMATIC FEEDING/AND
UNLOADING MACHINE (OPTIONAL)

GLORY MACHINERY



质量保障



坚固耐用



操作方便



性能特点

Performance Features

1. 本设备操作方便，快捷调换不同规格板材，数字化控制。
2. 传动传输平稳，组合同步性能可靠，变频调速。
3. 磨头结实可靠，高速磨削，砂纹均匀光滑，效率强劲，变频调速。
4. 采用水油混合研磨，板面变形小，砂带寿命长，磨削效率高。
5. 设计合理、节能环保、清洁、维修方便。

1. The equipment is easy to operate, quick to exchange different specifications of plates, digital control.
2. Smooth transmission, reliable combination synchronization performance, frequency conversion speed regulation.
3. The grinding head is strong and reliable, high-speed grinding, smooth sand grain, strong efficiency, frequency conversion speed regulation.
4. Using water-oil mixed grinding, the surface deformation is small, the sand belt life is long, and the grinding efficiency is high.
5. Reasonable design, energy saving, environmental protection, clean, easy maintenance.

技术参数

technical specification

规格型号	NO.4-1300	NO.4-1600
加工板厚 (mm)	0.3-3.0	0.3-3.0
加工板宽 (mm)	1250	1550
加工速度 (m/min)	6-30	6-30
生产线长度 (m)	20	20
机组功率 (kw)		

1300 型高端不锈钢卷磨 / 油磨生产线
1300 TYPE HIGH-END COIL-TO-COIL GRINDING
& POLISHING LINE

GLORY MACHINERY



质量保障



坚固耐用



操作方便



产品特点

Chinese Features

- 1. 高精度整平：配备 6 重精密整平机，有效消除板材应力，确保加工后板面平整度优异。
- 2. 智能高效控制：采用汇川 (Inovance) PLC 系统及大功率伺服电机，实现精准闭环控制，运行速度高达 60 米 / 分钟。
- 3. 全自动整齐收卷：集成 EPC 自动对边系统及收卷助卷器，确保生产全过程自动化，实现高度整齐的收卷效果。

- 1.Precision Leveling: Equipped with a 6-high leveler to eliminate stress and ensure superior surface flatness after processing.
- 2.Intelligent High-Speed Control: Powered by Inovance PLC and high-power servo motors, providing precise control with operational speeds of up to 60m/min.
- 3.Fully Automatic Recoiling: Integrated with an EPC edge-guiding system and auxiliary recoiler to ensure fully automated production and perfectly neat, uniform recoiling.



技术参数

technical specification

最大卷宽度 Max Coil width	1250 mm
厚度 Thickness	0.3-3.0mm
最大卷重 Max Coil weight	15 MT

750 型高端全自动雪花砂钛金油磨卷线
(可磨正反面)

750 HIGH-END FULLY AUTOMATIC WET TYPE TITANIUM COIL
POLISHING & GRINDING LINE (TOP & BACK SIDE)

GLORY MACHINERY



质量保障



坚固耐用



操作方便



产品简介

Product Overview

本设备专为钛合金及各类高精金属卷材设计，采用先进的湿式油磨工艺，具备全自动卷对卷（Coil-to-Coil）生产能力。该生产线支持正反面同时磨削加工，在确保表面高质感与高均匀度的同时，极大地提升了生产效率。设备运行平稳，结构紧凑，是钛金行业实现自动化升级的首选解决方案。

Designed specifically for titanium alloys and high-precision metal coils, this line utilizes advanced wet oil-grinding technology with fully automated coil-to-coil production capabilities. The line supports simultaneous grinding of both the top and back sides, maximizing production efficiency while ensuring superior surface quality and uniformity. With its stable performance and compact structure, this is the premier solution for automation upgrades in the titanium industry.

核心特点

Key Features

1. 全自动作业：实现卷材自动上料、加工、收卷的无人化流程。
2. 双面同步加工：高精度磨头布局，支持正反面同时处理，一次成型，效率翻倍。
3. 湿式油磨工艺：有效降低表面温度，防止材料变形，确保钛金表面纹理细腻、光泽均匀。
4. 高精度控制：采用进口核心部件及 PLC 智能控制系统，确保加工参数精准恒定。

1. Fully Automated: Streamlines the process from automatic decoiling to finished recoiling.
2. Dual-Side Processing: High-precision grinding head configuration enables simultaneous top and bottom surface processing in a single pass.
3. Wet Oil Grinding Process: Maintains optimal surface temperature to prevent material deformation, resulting in a fine, uniform, and lustrous finish.
4. High-Precision Control: Equipped with premium imported components and an intelligent PLC system for consistent, stable processing parameters.



技术参数

technical specification

适用卷宽 Coil width	750 mm
加工厚度 Thickness	0.05-2.0mm
最大卷重 Max Coil weight	10 MT
生产速度 Line Speed	60 m/min

1600 型不锈钢卷对卷油磨生产线

1600MM TYPE STAINLESS STEEL COIL-TO-COIL POLISHING & GRINDING LINE FOR NO.4+SB+HL

GLORY MACHINERY



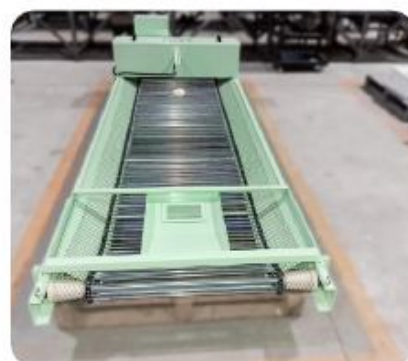
质量保障



坚固耐用



操作方便



产品简介

Product Overview

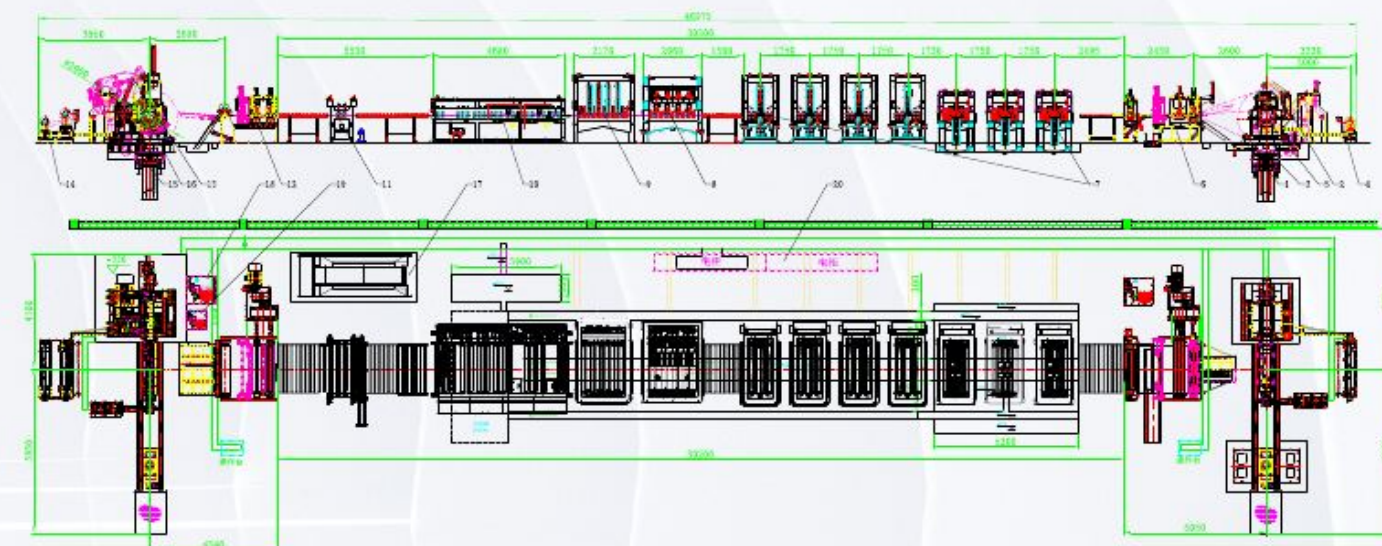
本生产线是针对高端不锈钢表面处理打造的旗舰级机组，专注于生产 No.4（雪花砂）、SB（磨砂）及 HL（拉丝）等高品质饰面。机组配备了高精度 EPC 纠偏系统，确保在高速运转中板带精准对边，杜绝边缘损伤。同时，集成的高效助卷器 (Assist recoiling Unit) 提供了恒定的收卷张力控制，完美解决了传统收卷导致的拉伤或卷取不齐问题，是汽车、高端家电及建筑板材加工的首选方案。

This flagship production line is engineered for high-end stainless steel surface finishing, specialized in producing premium No.4, SB, and HL (Hairline) finishes. Equipped with a high-precision EPC (Edge Position Control) System, it ensures perfect strip centering at high speeds, eliminating edge damage. Furthermore, the integrated high-efficiency Assist Coiling Unit provides precise constant tension control, effectively preventing scratches and ensuring tight, even coiling. It is the ideal solution for automotive, high-end appliance, and architectural panel processing.

核心特点

Key Features

1. 智能 EPC 系统：自动检测并实时纠偏，保证带材边缘整齐，提高成品率。☑
 2. 高效助卷器：优化卷取张力，消除表面划痕，确保卷材端面整齐。☑
 3. 精密磨削控制：适用于 No.4, SB, HL 多种饰面，表面一致性极高。
1. Intelligent EPC System: Automatically detects and tracks the strip in real-time to ensure neat edges and maximize yield.
2. High-Efficiency Assist Coiling Unit: Optimizes coiling tension to eliminate surface scratches and ensures perfectly aligned coil edges.
3. Precision Grinding Control: Superior surface consistency for multiple finishes including No.4, SB, and HL.



技术参数

technical specification

参数项目 Parameter	技术规格 Specifications
加工材质 Material	合金、不锈钢 Alloy, Stainless Steel
卷材厚度 Coil Thickness	0.3 – 3.0 mm
卷材宽度 Coil Width	650 – 1550 mm
卷材重量 Coil Weight	≤ 30 T
卷材内径 Coil ID	Φ 508 mm
卷材外径 Coil OD	≤ Φ 1800 mm
生产速度 Line Speed	5 – 60 m/min
总装机容量 Total Power	800 KW

新款雪花砂机

NEW NO.4 POLISHING MACHINE

GLORY MACHINERY



性能特点

Performance Features

1. 加工范围广: 适用厚度 0.05mm-3.0mm 的纯钛 (TA1)、钛合金 (TC4)、镍基合金、纯镍、钨高温合金、镁铝合金、铜合金及不锈钢的金属卷 / 板材, 支持正面与反面同时磨削加工, 满足多样化表面处理需求。
2. 稳定传动系统: 输送辊采用减速机传动及变频调速, 运行平稳可靠, 维护与更换便捷。
3. 高精度磨头: 核心部件采用优质铁芯, 精密加工并包覆进口橡胶, 经严格动平衡处理, 轴承与油封均选用进口品牌, 确保加工精度与寿命。
4. 砂纹可调: 磨头配备变频驱动, 可根据需求任意调整砂纹长短, 最高转速可达 3000 RPM。
5. 精准升降系统: 平台升降采用伺服电机驱动结合精密滚珠丝杆, 定位精准, 轻松适应不同板材厚度, 升降平稳, 耐用且易于维护。
6. 柔性配置: 配备光电 / 气动砂带自动对中系统, 具备防跑偏保护; 可根据客户需求选配国内知名品牌电机及伺服系统。
7. 硬核品质: 底工作辊采用百吨级以上轧机同等硬度标准, 确保设备整体扎实、坚固耐用。

- 1.Versatile Processing: Suitable for 0.05mm-3.0mm coils and sheets made of Pure Titanium (TA1), Titanium Alloy (TC4), Nickel-based Alloy, Pure Nickel, Tungsten High-temperature Alloy, Magnesium-Aluminum Alloy, Copper Alloy, and Stainless Steel. Supports both top and bottom surface grinding to meet diverse finishing requirements.
- 2.Stable Transmission: Conveyor system features gearbox transmission with frequency conversion speed regulation, ensuring stable operation and easy maintenance.
- 3.High-Precision Grinding Head: Built with high-quality iron core and precision-machined imported rubber coating. Strict dynamic balancing and the use of imported bearings and oil seals ensure long-term precision.
- 4.Adjustable Sand Patterns: Grinding head driven by frequency conversion allows for adjustable sand grain length, with speeds up to 3000 RPM.
- 5.Precision Lifting System: The lifting platform utilizes a servo motor and ball screw design, ensuring precise control, stability, and easy adaptation to various plate thicknesses.
- 6.Flexible Configuration: Equipped with a photocell/pneumatic sand belt centering system with deviation protection; optional domestic premium-brand motors and servo systems available upon request.
- 7.Rugged Durability: Equipped with bottom work rollers hardened to the standards of 100-ton+ rolling mills, ensuring the machine is robust and highly durable.

技术参数

technical specification

规格型号	NO.4-1300	NO.4-1600
加工厚度 (mm)	0.05-3.0	0.05-3.0
加工宽度 (mm)	1250	1550
加工速度 (m/min)	70	70
整机重量 (t)	7	9
整机功率 (kw)	50	60
粗糙度	$Ra \geq 0.08$	$Ra \geq 0.08$

新款普砂机
SCOTH BRITE MACHINE

GLORY MACHINERY



质量保障



坚固耐用



操作方便



性能特点
performance feature

- 1. 本设备适用于 0.4mm-3.0mm 不锈钢表面普通砂加工。
- 2. 输送辊减速箱传动，变频调速，传送平稳可靠，维护更换简单快捷。
- 3. 磨头采用千叶轮材质，砂辊粗细可选，加工效率高，使用寿命长，性价比高。
- 4. 磨头变频驱动，无极调速。
- 5. 磨头单独电动升降，可手动微调。

- 1. This equipment is suitable for ordinary sand processing of 0.4mm to 3.0mm stainless steel surface.
- 2. Transmission roller gearbox transmission, frequency conversion speed regulation, stable and reliable transmission, maintenance and replacement is simple and fast.
- 3. The grinding head is made of thousands of impeller material, sand roller thickness is optional, high processing efficiency, long service life, high cost performance.
- 4. Grinding head frequency conversion drive, stepless speed regulation.
- 5. Separate electric lifting of grinding head, manual fine tuning.

技术参数
technical specification

规格型号	1300mm 型	1600mm 型
研磨头	4	4
加工厚度 (mm)	0.4-3.0	0.4-3.0
加工宽度 (mm)	1250	1550
加工速度 (m/min)	50	50
重量 (t)	10	13
机组功率 (kw)	55	80



双头雪花砂

DOUBLE HEADS NO.4
POLISHING MACHINE

GLORY MACHINERY



质量保障



坚固耐用



操作方便



性能特点

performance feature

1. 加工范围广：适用厚度 0.4mm-3.0mm 的纯钛 (TA1)、钛合金 (TC4)、镍基合金、纯镍、钨高温合金、镁铝合金、铜合金及不锈钢的金属卷 / 板材，正面磨削加工。
2. 稳定传动系统：输送辊采用减速机传动及变频调速，运行平稳可靠，维护与更换便捷。
3. 高精度磨头：核心部件采用优质铁芯，精密加工并包覆进口橡胶，经严格动平衡处理，轴承与油封均选用进口品牌，确保加工精度与寿命。
4. 砂纹可调：磨头配备变频驱动，可根据需求任意调整砂纹长短，最高转速可达 3000 RPM。
5. 精准升降系统：平台升降采用伺服电机驱动结合精密滚珠丝杆，定位精准，轻松适应不同板材厚度，升降平稳，耐用且易于维护。
6. 柔性配置：配备光电 / 气动砂带自动对中系统，具备防跑偏保护；可根据客户需求选配国内知名品牌电机及伺服系统。
7. 硬核品质：底工作辊采用百吨级以上轧机同等硬度标准，确保设备整体扎实、坚固耐用。

- 1.Versatile Processing: Suitable for 0.4mm-3.0mm coils and sheets made of Pure Titanium (TA1), Titanium Alloy (TC4), Nickel-based Alloy, Pure Nickel, Tungsten High-temperature Alloy, Magnesium-Aluminum Alloy, Copper Alloy, and Stainless Steel. Supports both top surface grinding to meet diverse finishing requirements.
- 2.Stable Transmission: Conveyor system features gearbox transmission with frequency conversion speed regulation, ensuring stable operation and easy maintenance.
- 3.High-Precision Grinding Head: Built with high-quality iron core and precision-machined imported rubber coating. Strict dynamic balancing and the use of imported bearings and oil seals ensure long-term precision.
- 4.Adjustable Sand Patterns: Grinding head driven by frequency conversion allows for adjustable sand grain length, with speeds up to 3000 RPM.
- 5.Precision Lifting System: The lifting platform utilizes a servo motor and ball screw design, ensuring precise control, stability, and easy adaptation to various plate thicknesses.
- 6.Flexible Configuration: Equipped with a photocell/pneumatic sand belt centering system with deviation protection; optional domestic premium-brand motors and servo systems available upon request.
- 7.Rugged Durability: Equipped with bottom work rollers hardened to the standards of 100-ton+ rolling mills, ensuring the machine is robust and highly durable.

技术参数

technical specification

规格型号	NO.4-900(2)	NO.4-1300(2)	NO.4-1600(2)
研磨头	1(2)	1(2)	1(2)
加工厚度 (mm)	0.4-3.0	0.4-3.0	0.4-3.0
加工宽度 (mm)	850	1250	1550
加工速度 (m/min)	30	30	30
重量 (t)	4(7)	5(9)	8(12)

HL 拉丝机

HAIRLINE MACHINE



性能特点

Performance Features

- 1. 本设备适用与 0.3mm-3.0mm 不锈钢表面加工。
 - 2. 输送辊减速箱传动，变频调速，传送平稳可靠，维护更换简单快捷。
 - 3. 磨头变频驱动，速度任意调整。
 - 4. 砂辊单独升降，数字显示。
1. This equipment is suitable for 0.3mm-3.0mm stainless steel surface processing.
2. Conveying roller gearbox transmission, frequency conversion speed regulation, stable and reliable transmission, simple and quick maintenance and replacement.
3. Grinding head variable frequency drive, speed adjustment.
4. Sand roller lifting separately, digital display.

全自动贴膜机

FILM LAMINATION MACHINE



性能特点

Performance Features

- 1. 节省两个操作人员，实现高度机械化，自动切割。
 - 2. 整机全部采用伺服电机，精准度高，板与板之间预料为零，最大化节省膜纸。
 - 3. 采用特殊切割材料，更换简单。
 - 4. 采用触摸屏、PLC 控制，有手动模式，自动模式可调。
1. Save two operators, achieve highly mechanized, automatic cutting.
2. The whole machine adopts servo motor, with high accuracy, and is expected to be zero between the board and the board to maximize the saving of film paper.
3. Use special cutting materials, easy to replace.
4. Touch screen, PLC control, manual mode, automatic mode adjustable.

技术参数

technical specification

保护膜宽度 (mm)	500-1550
保护膜外径 (mm)	300(max)
保护膜套筒内径 (mm)	75
板材宽度 (mm)	500-1550
板材长度 (mm)	600-4000
板材厚度 (mm)	0.3-3.0
贴膜速度 (mm)	20(max)
切割精度 (mm)	1
空压规格 kg/cm ²	6

高效清洗烘干机

HIGH-EFFICIENCY CLEANING & DRYING UNIT



质量保障



坚固耐用



操作方便



性能特点

Performance Features

1. 自动化恒温清洗：内置双大功率加热水箱（总功率 72kW），自动精准控温，利用高温水流对板材表面进行深度去污，确保清洗洁净度。
2. 多重高效刷洗：配备 4 条定制耐高温毛刷，搭配不锈钢自吸泵，确保清洗过程中板材表面杂质被彻底清除，不留死角。
3. 强力风刀烘干：集成 8 台 3kW 高压漩涡风机，配合专业风刀设计（上二下一），形成强劲气流，能够迅速扫除板面水分，实现极速干燥。
4. 工业级耐用设计：整机采用高强度焊接机架，关键部位采用不锈钢带座轴承，防锈防腐，保障设备在潮湿环境下的长期稳定运行。
5. 高效传动系统：由大功率 AC 7.5kW 电机驱动，运行平稳，与整条生产线完美匹配，提升加工效率。

1. Automated Constant-Temperature Cleaning: Equipped with dual high-power heating tanks (total 72kW) that automatically maintain precise water temperatures, ensuring deep cleaning and optimal surface treatment efficiency.
2. High-Efficiency Brushing System: Features 4 custom high-temperature resistant brushes combined with stainless steel self-priming pumps, ensuring thorough removal of surface impurities from every angle.
3. Powerful Air-Knife Drying: Integrates 8 x 3kW high-pressure vortex blowers with professional air knives (2 top, 1 bottom) to generate high-velocity airflow, ensuring rapid and complete surface drying.
4. Industrial-Grade Durability: Built with a heavy-duty welded frame and stainless steel mounted bearings for superior corrosion resistance and long-term operational stability in wet environments.
5. Efficient Transmission: Driven by a robust 7.5kW AC motor, ensuring smooth and consistent operation that integrates seamlessly with your production line.

过滤系统

FILTRATION SYSTEM



质量保障



坚固耐用



操作方便



性能特点

Performance Features

1. 高效杂质分离：采用高精度过滤纸带，自动拦截并分离磨削过程中产生的金属磨屑、油泥及各类杂质，确保循环水清洁。
2. 节能资源循环：实现冷却水 / 加工液的闭环循环使用，显著降低补液频率，减少液体更换成本，绿色环保。
3. 保障加工品质：持续提供高纯度清洗液，有效避免杂质随水流再次参与磨削，防止板面产生划痕，确保持续稳定的表面光洁度。
4. 自动化稳定运行：智能化自动控制系统，当纸带堵塞或达到负荷时自动更新滤纸，实现无人化监控，运行稳定可靠。
5. 耐用结构设计：箱体采用防腐蚀设计，耐磨耐用，与高速自动化生产线完美匹配，维护便捷。

1. Efficient Impurity Separation: Utilizes precision filter paper belts to automatically intercept and separate metal filings, sludge, and various residues generated during the grinding process, ensuring circulating water cleanliness.
2. Sustainable Resource Recycling: Achieves a closed-loop recycling system for cooling water and processing fluids, significantly reducing fluid replenishment frequency, lowering replacement costs, and promoting environmentally friendly production.
3. Surface Quality Assurance: Provides a continuous supply of high-purity coolant, preventing impurities from recirculating into the grinding zone, effectively avoiding surface scratches and ensuring consistent finish quality.
4. Automated & Stable Operation: Features an intelligent control system that automatically advances the filter paper when clogged or at capacity, enabling unmanned monitoring and stable, reliable performance.
5. Durable Design: The tank body features an anti-corrosion design for long-lasting durability, perfectly matching high-speed automated production lines with easy maintenance.