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广东乐施涂智能科技有限公司
FREEPOWER INTELLIGENT TECHNOLOGY CO.LTD.

无限动力·研创技术
承尚品质·恪守专业



广东乐施涂智能科技有限公司

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乐施涂微信公众号



企业简介



广东乐施涂智能科技有限公司，坐落在中国铝材设备之城——广东佛山狮山镇，是一家集研发、设计、生产、销售及服务为一体的智能自动化，静电粉末喷涂设备制造企业。我们的技术，经验，经历了十数载的持续发展，历练和成长，产品质量及关键核心技术，一直走在同行前列并得到客户的认可及信赖。

不进则退，产品通过不断优化持续改进，广东乐施涂又推出新二代产品FP-100，通过运行测试，产品长期稳定可靠；呈现高上粉率，涂膜均匀、解决凹槽上粉难等实际问题；设备操作向智能化和自动化迈进，产品经久耐用，损耗件少等优点。凭借过硬的质量和服务，乐施涂产品在铝材行业得到广泛使用，得到众多知名铝型材企业高度认可！并荣获多项荣誉证书。

一直以来，乐施涂以“敢为人先，勇于创新”的经营理念，秉承“无限动力，研创技术，承尚质量，恪守专业”的核心价值观，遵守客户利益至上的原则，为客户提供更优质的产品 & 用心的服务。

我们将牢记使命，不忘初心，与你同行。

COMPANY PROFILE

Guangdong FreePower Intelligent Technology Co., Ltd. is located in the city of aluminum equipment in China—Shishan Town, Foshan, Guangdong. It is an intelligent automation and electrostatic powder coating equipment manufacturing enterprise integrating R&D, design, production, sales and service. Our technology and experience have gone through more than ten years of continuous development, experience and growth, product quality and key core technologies, and have been at the forefront of the industry and have been recognized and trusted by customers.

If you don't advance, you will retreat. The product has been continuously optimized and improved. Guangdong Oxfam has launched a new second-generation product FP-100. The product is stable and reliable for a long time through running tests; it exhibits a high powder coating rate, uniform coating film, and solves groove powder coating difficulty and other practical problems; equipment operation is moving towards intelligence and automation, the products are durable, and the loss of parts is less. With excellent quality and service, Oxfam coating products are widely used in the aluminum industry and are highly recognized by many well-known aluminum companies! And won a number of honorary certificates.

Oxfam Tu has always adhered to the business philosophy of "dare to be the first, brave to innovate", adhering to the core values of "infinite power, research and innovation, quality, and professionalism", abiding by the principle of customer benefit first, and providing customers with more High-quality products and dedicated service.

We will keep our mission in mind, never forget our original intention, and walk with you.

无限动力

乐施涂英文名字“Free Power”自由动力、自由发挥的动力，不会受到任何约束，所以拥有无限动力。寓意企业充满活力，有年轻感。

研创技术

在技术不断研发，创新。

承尚品质

对客户承诺提供高尚质量。

恪守专业

坚持提供专业设计、服务等，代表企业对自己专业坚持。





自动喷枪 AUTOMATIC SPRAY GUN



第一代喷枪 GA19



第二代喷枪 FP-100



- ▷ 内置高达100KV静电发生模块。
 - ▷ 多达250个可编程喷涂程序。
 - ▷ 预设新工件、凹槽、返喷3个快捷喷涂程序。
 - ▷ 数字阀门技术，雾化更好，出粉更稳定。
 - ▷ 液晶显示器显示参数实时值和目标值。
 - ▷ 更强的拓展功能，支持Can bus工业现场总线。
 - ▷ 联网控制或单独控制模式，使用更灵活。
 - ▷ 支持工件识别系统自动控制。
 - ▷ 低摩擦系数工程塑料易损件，易清理，经久耐用。
- ▷ Built in static electricity generating module up to 100kV.
 - ▷ Up to 250 programmable spraying procedures.
 - ▷ Preset three quick spraying procedures of new workpiece, groove and back spraying.
 - ▷ Digital valve technology, better atomization, more stable powder.
 - ▷ The LCD displays the real-time and target values of parameters.
 - ▷ Stronger expansion function, support can bus industrial field bus.
 - ▷ Network control or separate control mode, more flexible use.
 - ▷ Support automatic control of workpiece identification system.

电柜

ELECTRIC CABINET

- ▷ 可最大限度满足整线喷涂的自动化要求。
 - ▷ 易于集成可灵活组成各种级数喷枪控制单元。
 - ▷ 可根据客户要求添加多种控制模块。
 - ▷ 具有高度直观界面，为现代涂装生产线提供了可靠地自动控制单元。
 - ▷ 一体化设计，人性化操作简洁、方便。
 - ▷ 支持工件识别系统，每把喷枪精度精确到2mm以内。
- ▷ It can meet the automation requirements of the whole line spraying.
 - ▷ It is easy to integrate, and can flexibly form various stages of spray gun control unit.
 - ▷ A variety of control modules can be added according to customer requirements.
 - ▷ With highly intuitive interface, it provides reliable automatic control unit for modern painting production line.
 - ▷ Integrated design, humanized operation, simple and convenient.
 - ▷ Support workpiece recognition system, the accuracy of each spray gun is accurate to within



控制器

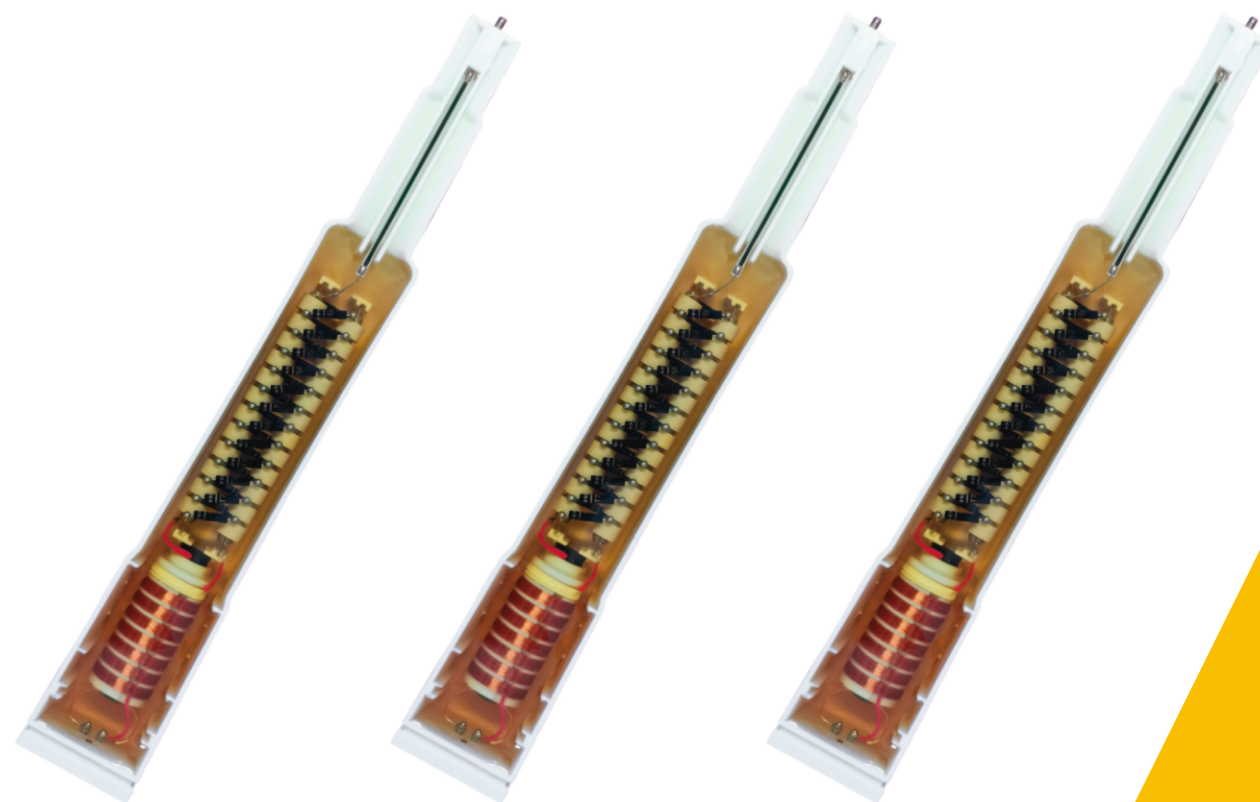
CONTROLLER



电子控制系统	气动控制单元	静电粉末喷枪
输入电压: 220V	电磁阀控制电压: 24VDC	输入气压: 0.5mpa
输入频率: 50Hz	输入气压: 6-8bar	输入频率: 20Khz
输入功率: 40W	压缩空气内残余水分含量: $\leq 1.3\text{g/m}^3$	输入电流: 0.75A
输出电流: 0.8A	空气消耗量: $6.0\text{m}^3/\text{H}$	输出电压: 0-100KV
阀控电压: 24VDC	含油量: $< 0.1\text{ppm}$	输出电流: 0-100 μA

高压包

HIGH PRESSURE PACKAGE



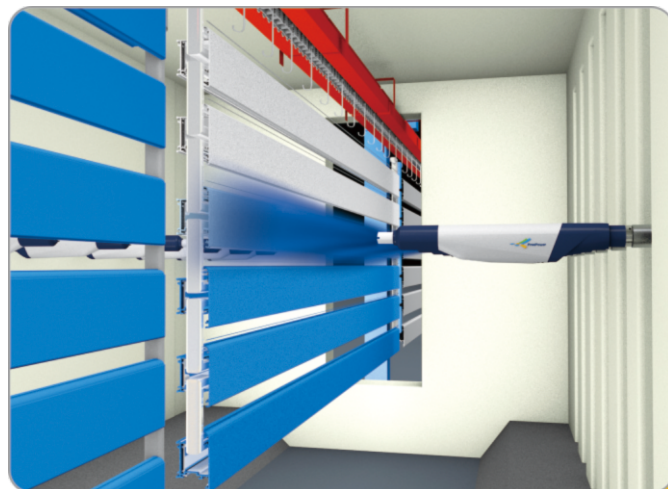
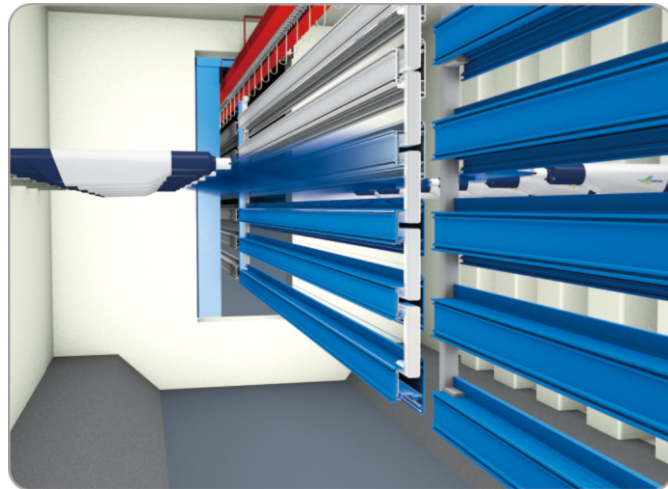
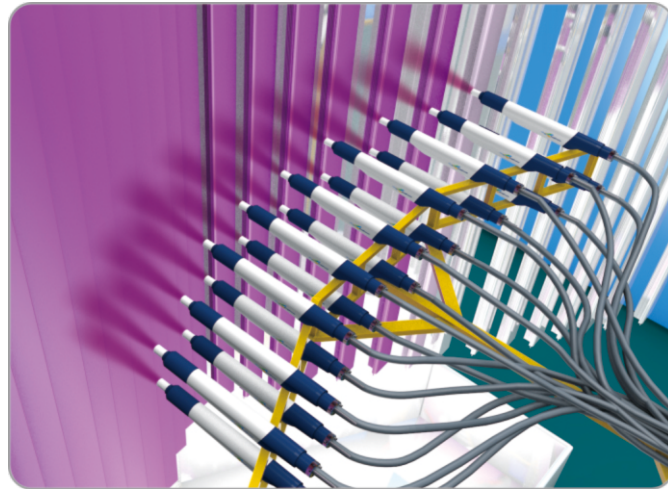
优异特性

EXCELLENT CHARACTERISTICS

内置式高压静电粉末喷枪，脉冲式高压静电输出模式，可使粉末颗粒反复充电，克服了涂层橘皮现象。脉冲式喷枪，在低电流放出的高电压每隔10-20次/秒反复给粉末充电。有效解决了二次喷涂及复杂工件喷涂的难题。采用精密集成电路完成做功，效率高，上粉快，喷涂质量好。进口倍压电子组件确保内置倍压电路的可靠性，稳定性。内置式高压模块紧邻喷嘴，电压损耗小，输出电压高。






The built-in high-voltage electrostatic powder spray gun and pulse high-voltage electrostatic output mode can make the powder particles charge repeatedly and overcome the orange peel phenomenon of coating. Pulse type spray gun, the powder is repeatedly charged every 10-20 times / s at high voltage released by low current. The problem of secondary spraying and complex workpiece spraying is effectively solved. High efficiency, fast powder loading and good spraying quality are achieved by using precise integrated circuit. Imported voltage multiplier electronic components ensure the reliability and stability of built-in voltage multiplier circuit. The built-in high-voltage module is close to the nozzle, with small voltage loss and high output voltage.

客户案例 CUSTOMER CASE



合作客户 COOPERATIVE CUSTOMERS



 肇庆亚洲铝厂	 广东凤铝铝业	 广东伟业铝厂集团	 佛山星际铝业
 山东伟业	 河北左安铝业	 深圳比亚迪	 东莞坚朗五金
 惠州诚业家具	 东莞照彰实业	 佛山金碧涂装	 顺德科能实业

多家优秀企业共同见证乐施涂多年行业经验，众多实施项目数量，让我们拥有足够的信心和实力，为客户提供最佳的涂装解决方案。

Many excellent enterprises have witnessed many years of industry experience and a large number of implementation projects, so that we have enough confidence and experience strength to provide customers with the best coating