









**Product introduction** 



创新篇 Innovation



产品篇 Product introduction

#### 公司简介

#### Company Profile

深圳市万德数字科技有限公司,东方精工集团成员之一,专业数码印刷设备制造商,国家级高新技术企业。始于 2011,致力于为客户 提供环保、节能、高效、性价比高的瓦楞纸箱数码印刷设备。先后推出适用于瓦楞纸板小批量印刷的Muti Pass扫描式数码印刷机系列 可满足大、中、小各类瓦楞纸板订单的Single Pass高速数码印刷机,以及适用于原纸预印的Single Pass高速卷对卷数码印刷机系列。

从Muti Pass扫描式到Single Pass高速直喷式,从后印到预印,从水墨染料、颜料到UV专色,从牛卡到涂布纸,从单张起印到可变数 据无缝换单,从单机印刷到与ERP联动,万德以完备的数码印刷矩阵,突破机械制造边缘,打通物理世界和数字世界,为客户提供全方 位的瓦楞数码印刷解决方案。

同时,万德数科携包装数码印刷领域的深厚积淀和良好的业界口碑,重新打造了面向广告、家居装饰、建材等领域,研发、生产、销售 数码印刷设备的重点项目,致力于研发制造各类平板及卷对卷等客户定制型高速数码印刷设备。平板机型可适用的材料如:铝扣板,玻璃 瓷砖、金属板、亚克力板、万通板等,卷对卷机型可适用于:瓦楞原纸,车身贴,灯箱布,PVC彩膜,装饰纸,金属卷材等,所有机型 均可按客户实际需求定制。

如今,万德设备远销东南亚、欧美、中东、拉美等地,超过1800台设备持续运行,不仅为纸箱厂不断创造价值,更为广大终端用户的个 性化包装创造各种不凡。

Shenzhen Wonder Digital Technology Co., Ltd., a member of DongFang Precision Group, is a professional manufacturer of digital printing equipment and a national high-tech enterprise. Established in 2011, we are committed to providing customers with environmentally friendly, energy-saving, high-efficiency and cost-effective digital printing equipment for corrugated boxes. We have launched Muti Pass digital press for small batch printing of corrugated, and Single Pass digital press for large, medium and small orders of corrugated, and Single Pass roll-to-roll digital pre-printing for roll material. Provide customers with a full range of corrugated digital printing solutions.

Meanwhile, Wonder re-created key projects for the research and development, production and sales of digital printing equipment for advertising, home decoration, building materials and other fields, and is committed to the development and manufacture of various types of digital printing equipment. Customized high-speed digital printing equipment such as flatbed and roll-to-roll types. Flatbed models can be used for materials such as aluminum gussets, glass, ceramic tiles, metal plates, acrylic boards, pp plate sheets, etc. Roll-toroll models can be used for : corrugated paper, removable Sticker, flex banner, PVC color film, decorative paper, thin aluminum plate, metal coils, etc. All machines can be customized according to the actual needs of customers.

Today, Wonder equipment is exported to Southeast Asia, Europe, America, the Middle East, Latin America and other countries. More than 1,800 equipments running around the world. Not only continues to create value for the carton factory, but also creates all kinds of extraordinary for the personalized packaging of end users!

- 一种数码印刷机供墨恒定负压装置
- 一种开槽机定位装置
- 一种高速瓦楞纸板数码印刷机送料系编
- 一种高速瓦楞纸板数码印刷分纸装置
- 一种高速瓦楞纸板数码印刷机
- ◆ 一种双向加减速开关
- ▶ 喷头清洗装置
- 一种瓦楞纸板过油机
- 一种恒定液位液压供墨系统
- 一种瓦楞纸板开槽机
- ◆ 一种开槽机定位装置

An ink supply negative pressure device of digital printer A positioning device of slotting machine An feeding system of high-speed corrugated digital printer A paper separation of high-speed corrugated digital printer An high-speed corrugated digital printing machine A bi-direction acceleration and deceleration switch A cleaning device of printhead A varnish coating machine for corrugated cardboard An liquid level hydraulic ink supply system

A Corrugated board slotting machine



28 Invention Patents 38 Utility Model Patents



# Dreamy

# 创造— 坚持梦想的方向

万德10余年不忘初心,始终坚持梦想的方向,一往无前, 这是一种源源不断的坚定力量。

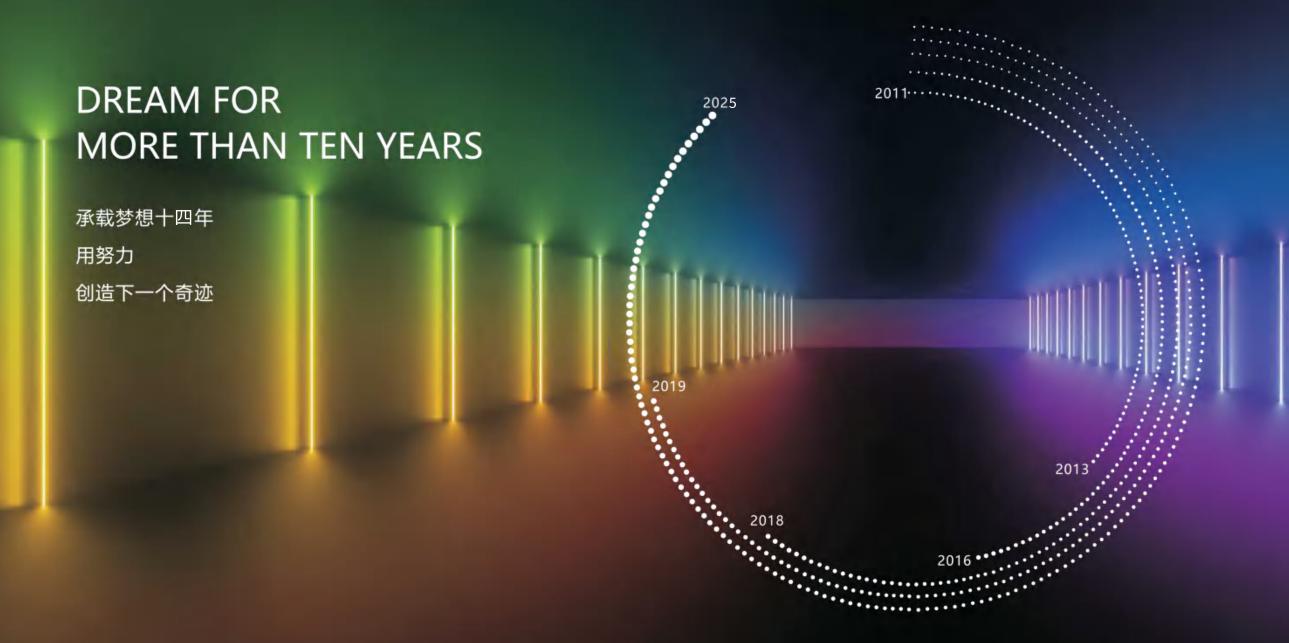
铸就了富有活力的精品,永远走在时代的前沿,站在浪尖 之上,绽放耀眼的光芒。 For more than 10 years, Wonder has always adhered to the direction of his dream and made unremitting efforts, which is a constant and firm force.

The company has created a dynamic boutique, always walking in the forefront of the times, standing on the wave top, blooming with dazzling light.

01

BRAND ORATION 品牌篇

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### 潜心专研的行业发明家

- 首家把数码印刷喷墨技术应用到瓦楞纸箱包装行业
- 最早推出SINGLE PASS直喷高速数码印刷机,改变瓦楞纸印刷方式的革命性设备
- 首家基准精度突破1800dpi, 印刷更细腻, 效果更精美
- 首家研发推出双伺服高速开槽压痕机,后道配套系统升级完善
- •全新的喷头清洗模式,先进的前缘送纸系统,多任务打印功能,可变数据加持,给用户 带来无限可能
- 在数码预印领域突破性创新,首推Single Pass高速卷对卷数码预印机
- 首创WDMS250数码印刷一体机,将Multi Pass高精度扫描与Single Pass高速印刷两 种不同数码印刷方式结合于一本
- 领先使用交互式操作保养视频, 实现无忧培训及维护

#### Industry inventor concentrated on research

- The first company to apply digital printing inkjet technology to the corrugated packaging industry
- The first company launched SINGLE PASS high-speed digital printer, a revolutionary machine that changed the way of corrugated printing
- The first benchmark accuracy to preak through 1800dpi, the printing is more delicate and the effect is more exquisite
- The first R&D and launch of dual-servo high-speed SLOTTING machine, the back-end supporting system has been upgraded
- New printhead cleaning mode, advanced leading edge paper feeding system, multi-task printing function, variable data blessing, bring unlimited possibilities to users
- The first launch of the Single Pass high-speed hybrid digital pre-printer
- The first digital printing all-in-one machine WDMS250, which combines Multi Pass high-precision scanning and Single Pass high-speed printing two different digital printing methods into one
- Leading the use of interactive operation and maintenance videos to achieve worry-free training and maintenance

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# From The Beginning Of The Heart, have Originality 始于初心,倾注匠心

万德集研发、生产、销售、服务为一体的国家高新企业,从2011年至今,经过十多年的技术沉淀,现已跻身于 中国印刷设备行业前列。16位研发人员、28项发明专利与38项实用新型专利、30000平方米研发生产基地。

Wonder is a National High-Tech Enterprise integrating R&D, production, sales and service. After more than ten years of technological precipitation since 2011, now it has ranked among the forefront of printing equipment industry in China. 16 R&D personnel, 28 invention patents and 38 utility model patents, 30,000 square meters R&D and production base.





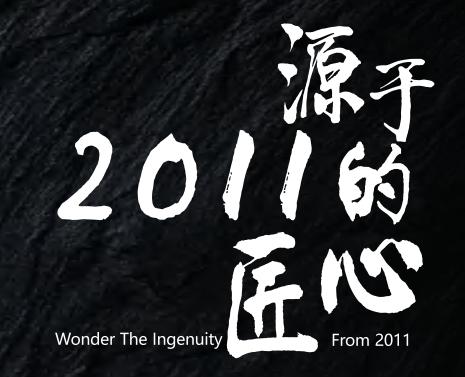




国家级专精特新"小巨人"企业 国家高新技术企业 28项发明专利与38项实用新型专利 中国包装联合会包装委员会(常委委员单位) 中国纸包装工业供应商类50强企业优秀品牌10强企业 广东省民营企业突出贡献奖 深圳包装行业具影响力企业 深圳包装行业协会 理事单位

从步履阑珊的品牌创始阶段,一步一个脚印走到今天..... From the faltering brand founding stage, step by step to today...

"Little Giant" Enterprise National High-Tech Enterprise 28 invention patents and 38 utility model patents Paper Packaging Committee of China Packaging Federation (Standing Committee Unit) Top 50 Excellent Brand Companies in Paper Packaging Industry Top 50 Suppliers of China Guangdong Province Private Enterprise Outstanding Contribution Award Influential enterprise in Shenzhen packaging industry Director Unit of Shenzhen Packaging Industry Association



## 产品之美

工匠精神的传承与践行匠心是一种态度,更是一种品德。万德始终秉承工匠精神,用精益求 精的工作态度和能工巧匠的心思制造每一个产品,赋予其卓越的性能和历久弥新的生命力。

The inheritance and practice of craftsman spirit, ingenuity is an attitude, but also a moral character. Wonde always adheres to the spirit of craftsman, and makes every product with the attitude of striving for perfection and the mind of skillful craftsman, giving it excellent performance and lasting vitality.

# Brand Essence



### 研发理念

我们始终坚持为用户带来卓越的生产体验,这种体验包括:智能,操控,品质,效率以及设备的低故障率等,这是我们的研发理念。 我们相信,生产的本质是效益,而产品的研发是激发效益的源头。 我们在研发印刷设备系列产品上,遵循体验与效益相结合,以价值为导向的研发理念演绎精彩的印刷世界。

We always insist on bringing excellent production experience to users, including intelligence, control, quality, efficiency and low failure rate of equipment, which is our R & D concept.

We believe that the essence of production is efficiency, and the R & D of products is the source of stimulating efficiency.

In the research and development of printing equipment series products, we follow the combination of experience and benefit, value oriented research and development concept to deduce the wonderful printing world.

x Te

# nnovate

# 创新— 源于内心热爱的力量

破茧而出的美丽,凤凰涅槃的风华。这是告别过去,冲向未来的力量。创新,意味着坚持和摒弃,坚持那些在历史 长河冲刷沉淀的珍贵经历,融入卓越体验的研发理念用来颠覆传统生产工艺。摒弃那些过去的成就,坚信世界永远 向前的必然。万德深谙此点,不断要求自我,突破自我,将创新作为驱动力,让更多无与伦比之作呈现于世。

The beauty out of cocoon, the beauty of Phoenix Nirvana. This is the power to say goodbye to the past and rush to the future.Innovation means sticking to and abandoning those precious experiences that have been washed and precipitated in the long history, and integrating the R & D concept of excellent experience to subvert the traditional production process.Abandon those past achievements and firmly believe that the world will always move forward.Wande is well aware of this, constantly demands self, breaks through self, takes innovation as the driving force, and makes more incomparable works appear in the world.

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INNOVATION 创新篇

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# 创新 永不止步

Innovation Never Stops



2011

深圳万德成立,推出第一款扫描式无板 数码纸箱印刷机 WD250-2A



2013

成功打开瓦楞数码印刷市场,销售额不断增长 产品推向全球,在国内及各国建立分公司/合 作代理商,建设全球服务网络



2015

SINGLE PASS 高速无版印刷机日趋完善稳定,逐 /合 步销往全球,已在:瑞士、英国、美国、巴西、日本、韩国、泰国、马来西亚等多个国家成功投产 荣获《优秀品牌10强企业》荣誉称号



2017

设备销量呈跨越式增长,仅4月份上海瓦楞展轻松斩获上百台订单 与日本王子OJI集团合作进一步加深,目前已有11台WD250-8A落户OJI旗下纸箱厂 马来西亚南方利仁纸箱厂继续回购第十三台万德SINGLE PASS设备,WD220-64A 万德设备落户越南纸箱印刷厂近60台,越南市场占有率达90%以上



2019

SINGLE PASS 高速无版数码印刷设备成热销主力机型 推出首台重型卷对卷瓦楞纸散码预印机WDUV200-128A 获2019年深圳包装行业《具影响力企业》



2021

与爱普生EPSON合力研发推出数码印刷专用工业级喷墨头 领先使用交互式操作保养视频。实现无优培训及维护 首创WDMS250数码印刷一体机,将Multi Pass高精度扫描 与Single Pass高速印刷两种不同数码印刷方式结合于一体



2023

万德数科荣获国家级专精特新 "小巨人"企业荣誉称号



推出WD250系列多款高品质无版纸箱印刷机,如WD250-4A/WD250-8A 研发配套设备,如全自动过光油机 WDGY180,全自动修边开槽压痕机 WDKC250



2014

结合德国工艺不断完善设备,成功销往德国,法国等地,进 军欧美市场

正式推出引领瓦楞数码印刷革命的首台SINGLE PASS 高速无版水墨印刷机WD200,并投入试运营

荣获"瓦楞杯"《用户喜爱品牌10强》荣誉称号



2016

万德通过国家级高新企业认证



2018

推出新款SINGLE PASS 高速无版数码印刷设备 WDR200-64A和WDUV200-64A



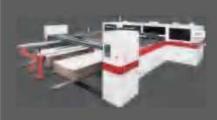
2020

再获多项发明专利与实用新型专利 万德数码印刷机基准印刷精度突破1200dpi 获EPSON FY20年度《优秀销售奖(工业应用方案)》



2022

与东方精工集团达成股权合作协议,成为集团成员之一 乔迁新址,占地面积扩大四倍



2024

技术创新突破1800dpi,再创行业新高度 万德设备总销量超1800台

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# Innovation Never Stops



2011

Shenzhen Wonder was established, and launched the first scanning muti pass digital corrugated printer WD250-2A



2013

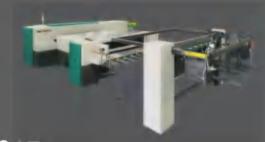
Successfully opened the corrugated digital printing market, and sales continued to grow Promote products to the world, establish branches/cooperative agents in China and other countries, and build a global service network



2015

SINGLE PASS high speed digital printers are becoming more and more stable and gradually sold to the world. They have been successfully put into production in Switzerland, the United Kingdom, the United States, Brazil, Japan, South Korea, Thailand, Malaysia and other countries.

Won the honor of "Top 10 Excellent Brand Companies"



2017

The sales volume of equipment has increased by leaps and bounds, and won hundreds of orders from Sino Corrugated Exhibition April easily The cooperation with OJI Group of Japan has been further deepened. At present, 11 sets of WD250-8A have been settled in OJI's carton factory One of Carton Factory continues from Malaysia purchase the 13th Wonder SINGLE PASS printer, WD220-64A

Nearly 60 sets of Wonder digital printer have been settled in Vietnam carton printing plant, with a market share of more than 90% in Vietnam



2019

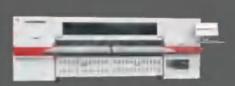
SINGLE PASS high-speed plateless digital printing equipment becomes the main hot-selling model Introduced the first roll-to-roll corrugated digital preprinting machine WDUV200-128A

Won the "Influential Enterprise" of Shenzhen Packaging Industry in 2019 The total sales volume of Wonder equipment reaches thousands of units, and the market share is far ahead



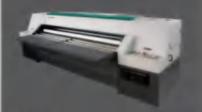
2021

Launched industrial-grade inkjet printheads with EPSON
Leading the use of interactive operation and maintenance videos
to achieve worry-free training and maintenance
The first digital printing hybrid machine WDMS250, which
combines Multi Pass high-precision scanning and Single Pass
high-speed printing two different digital printing methods into one



2023

Wonder won the honorary title of "Little Giant"



2012

Launched a variety of WD250 high quality digital carton printers series, such as WD250-4A/WD250-8A

Development of supporting equipment, such as automatic varnish machine WDGY180, automatic trimming, slotting and creasing machine WDKC250



2014

Continuously improve the equipment combined with German technology, and successfully sold to Germany, France and other places, entered the European and American markets

Formally launched the first SINGLE PASS high-speed digital inkjet WD200, leading the revolution of corrugated digital printing, and put it into trial operation



2016

Wonder passed the National High-Tech Enterprise Certification



2018

Launched the new SINGLE PASS high speed digital printer WDR200-64A and WDUV200-64A



2020

Obtained a number of invention patents and utility models again The based printing accuracy of Wonder digital printer breaks 1200dpi Won the "Excellent Sales Award (Industrial Application Solution)" of EPSON FY20



2022

Became a member of Dongfang Precision Group Move to new factory which four large then before Over 1400 units Wonder digital printer running around the world



2024

Technological innovation breakthrough 1800dpi, create a new height of the industry

Over 1800 units Wonder digital printer running around the world

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# works Create

# 创作— 呈现更美的作品

一张白纸从钢铁包裹的设备中穿过,就会散发出色彩,这是工业发展的进步。而我们专注于对印刷工艺的理解,保持一份对完美的偏执,赋予设备的智能、效率和对色彩的精准掌控力,让巧妙的构思,焕发出更缤纷的色彩。

A piece of white paper passing through the steel wrapped equipment will emit color, which is the progress of industrial development. We focus on the understanding of printing technology, maintain a paranoia of perfection, endow the equipment with intelligence, efficiency and accurate control of color, and make ingenious ideas glow with more colorful colors.

03 CREATION 产品篇

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# 标准化工艺流程 Standardized Process

# 万德无版环保瓦楞纸板数码印刷机

改变瓦楞纸印刷方式的革命性设备

Revolutionary in world

Inkjet technology

Print on demand

No limit with quantity

Variable data

Quick-done ability

Computer color correction

Simple process

Easy operation

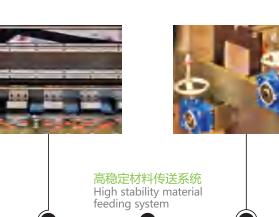
Labor saving

No composition change

No machine cleaning

Low-carbon & environment





先进稳定的前缘送料系统

leading edge feeding system

Advanced and stable

高精度不锈钢打印平面 High precision stainless printing flat

超精密度齿轮传动

Ultra precision gear

transmission

国际标准的布线方式 International standard wiring

高精度高稳定导轨梁升降机构

High precision and stability lifting mechanism of rail beam

高精度物料传动辊 High precision material drive rod







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#### 数码印刷设备超市 Digital Printing Equipment Supermarket





WD250 PRINT MASTER 扫描式数码印刷机系列 WD250 PRINT MASTER multi pass digital printer







WD200 Single pass 工业级水墨高速数码印刷机系列 WD200 single pass industrial digital printer



工业级 Single pass 卷对卷高速数码预印机系列 Industrial single pass roll to roll digital pre-printer

### 数码印刷设备超市 Digital Printing Equipment Supermarket



WDUV250 UV扫描式数码印刷机系列 WDUV250 multi pass digital printer



WDMS250 数码印刷一体机 WDMS250 hybrid digital printer



建材行业数码印刷设备 Digital printer for building materials industry

#### 全自动高速双伺服开槽机 Auto High Speed Double Servo Slotting Machine



全自动上光油机 Auto Varnish Coating Machine





全自动圆压圆模切机 Auto Circular Die Cutting Machine