



立式淬火, 超强硬度

Vertical quenching, super hardness

采用立式轴类数控中频淬火机床, 运用国外瓦楞辊专业淬火技术, 使瓦楞辊表面硬度可达HRC58以上, 硬化层深度可以达到8-12mm, 经过不同的热处理工艺, 最大化的提高基材抗热变形能力, 确保瓦楞辊的稳定性; 以较硬的底材作为基础, 瓦楞辊的使用寿命最大化延长。

Adopt CNC vertical intermediate frequency quenching equipment and foreign professional quenching technology for corrugated roller, to ensure the surface hardness of steel materials is more than HRC 58, harden layer depth can reach 8-12mm,maximizing the thermal deformation resistance of the steel material. ensure the stability of corrugated rollers.With harder base material as foundation, the lifetime of our corrugating rolls will be greatly extended.



精密研磨, 楞型精准

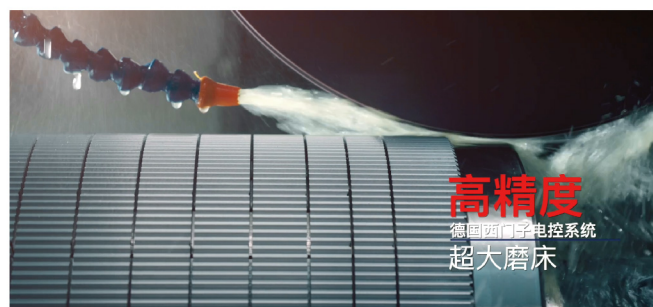
Precision grinding with precision flute

一流全自动数控高精度、高速超大瓦楞辊专用磨床, 配备德国西门子控制系统, 可最大限度提高磨削精度和速度。

最大磨削尺寸可达: $\Phi 700\text{mm} \times L 5000\text{mm}$

With the first-class high-precision and high-speed super-sized CNC corrugated roller grinding machine,equipped with Germany Siemens control system,which can maximize improve the grinding accuracy and speed.

The Max.Grinding size is $\Phi 700\text{mm} \times L 5000\text{mm}$.

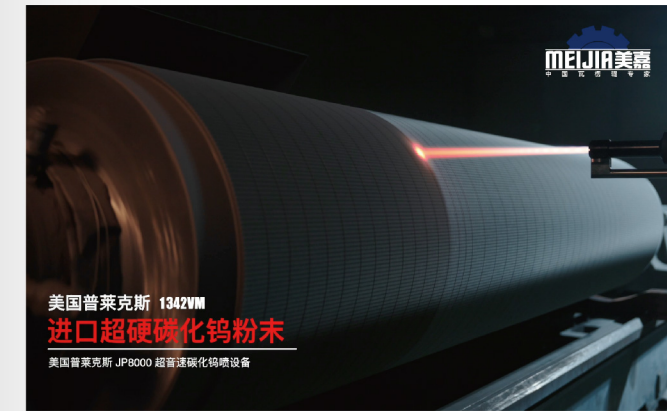


严格甄选, 优质材料

Carefully Curated Premium Materials

青岛美嘉只选用中原特钢50CrMo合金钢作为瓦楞辊坯, 并将辊坯放置半年以上自然消除应力, 增加辊坯的稳定性, 确保瓦楞辊在高温、高压状态下高速运转不变形, 从而保证纸板质量稳定, 同时仓库配备充足的原材料缩短瓦楞辊的生产周期。

We select 50CrMo alloy steel from Henan Zhongyuan Special Steel Equipment Manufacturing Co., Ltd. as raw material of the corrugated roller, the steel materials will be stored in natural conditions for at least six months to release stress and improve stability, ensuring the perfect running of corrugating roll at high speed and under high temperature and pressure without deformation. This will enable the corrugators to produce top-quality paperboards. With sufficient inventory of raw materials to shorten the lead time of corrugating roll.

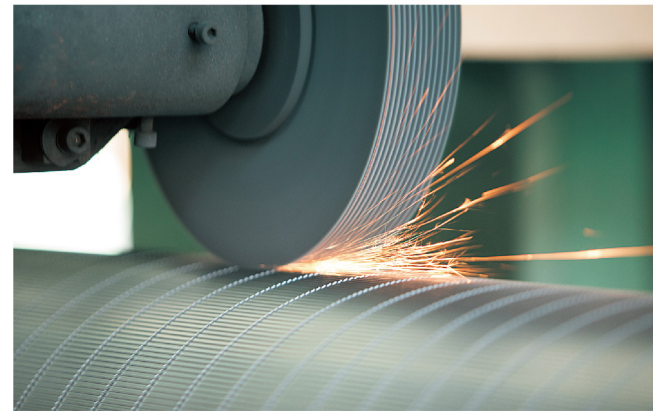


超音喷钨, 经久耐用

HVOF coating with long durability

最先进的热喷涂工艺技术, 配备业界最高规格的美国普莱克斯JP-8000超音速火焰碳化钨喷涂设备, 以及普莱克斯1342VM超硬碳化钨粉末, 三者紧密结合, 将瓦楞辊的耐磨品质发挥到极致, 最大化的延长瓦楞辊使用寿命。

Qingdao Meijia adopt the most advanced Praxair JP-8000 HVOF tungsten carbide spraying equipment and technology and surface coated by Praxair 1342VM super hard tungsten carbide powder, which enhance the abrasion resistance and extend the service life of corrugating roll.



反复打磨, 光洁如镜

Mirror smooth surface by repeated polishing

特殊定制专用抛光轮, 结合我公司全自动数控瓦楞辊专用抛光机床及独立研发的推磨抛光工艺, 使碳化钨瓦楞辊表面光洁度可达到 $Ra < 0.2\mu\text{m}$, 增加瓦楞辊楞型精度, 以确保瓦楞纸板的成型度。

Meijia adopts special polishing process and customized special polishing wheel,combined with automatic CNC corrugated roller polishing machine technology,make the tungsten carbide corrugated roll surface roughness can reach $Ra < 0.2\mu\text{m}$, to improve the accuracy of the corrugated flute profile accuracy, ensure the quality of the corrugated paperboard.

美嘉瓦楞辊 - 中国制造
Meijia Corrugated Roller-Made in China



青岛美嘉瓦楞辊有限公司, 二十年来专注于瓦楞辊设计和制造, 是国内拥有瓦楞辊全制程加工能力的专业制造商。青岛美嘉位于山东省青岛市胶州市, 占地40余亩, 注册资金3600万元, 现有标准化工业厂房15000m², 所有设备均为业界高标准配置, 整体规模在国内同类企业中名列前茅。拥有国内一流的设计及制造团队, 团队骨干拥有超过5000对瓦楞辊设计和加工经验, 可根据客户的机型和原纸材质以及对瓦楞的参数要求, 量身制定最优的瓦楞辊楞型, 为客户创造新的竞争优势。

主营产品: 周边加热碳化钨瓦楞辊、碳化钨瓦楞辊、镀铬瓦楞辊、压力辊、涂胶辊、刮胶辊的新制及翻修。

Qingdao Meijia Corrugated Roller Co., Ltd. is a professional manufacturer in China with full-process producing capabilities for corrugated rollers. The company has been dedicated to the design and manufacturing of corrugating rollers for over 20 years. Located in Jiaozhou, Qingdao City, Shandong Province, The company covers an area of more than 6.6 acres with registered capital of CNY 36 million and 15000 square meters high standards industrial production plant. All process equipment is designed to meet industrial high standards. And the enterprise scale ranks among the top of the industry in China. Qingdao Meijia has its first-class design and manufacturing team in China, with each member of the team having more than 5,000 sets of corrugating roller design and processing experience. To create competitive advantages for customers, we customize the best flute profiles based on the requirements of the customer's machine type, base paper material and corrugating parameters.

Our business scope: New and regrinding for periphery heating tungsten carbide corrugated roller, tungsten carbide corrugated roller, hard chrome corrugated roller, pressure roll, glue roll and doctor roll, etc.

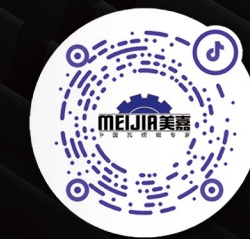
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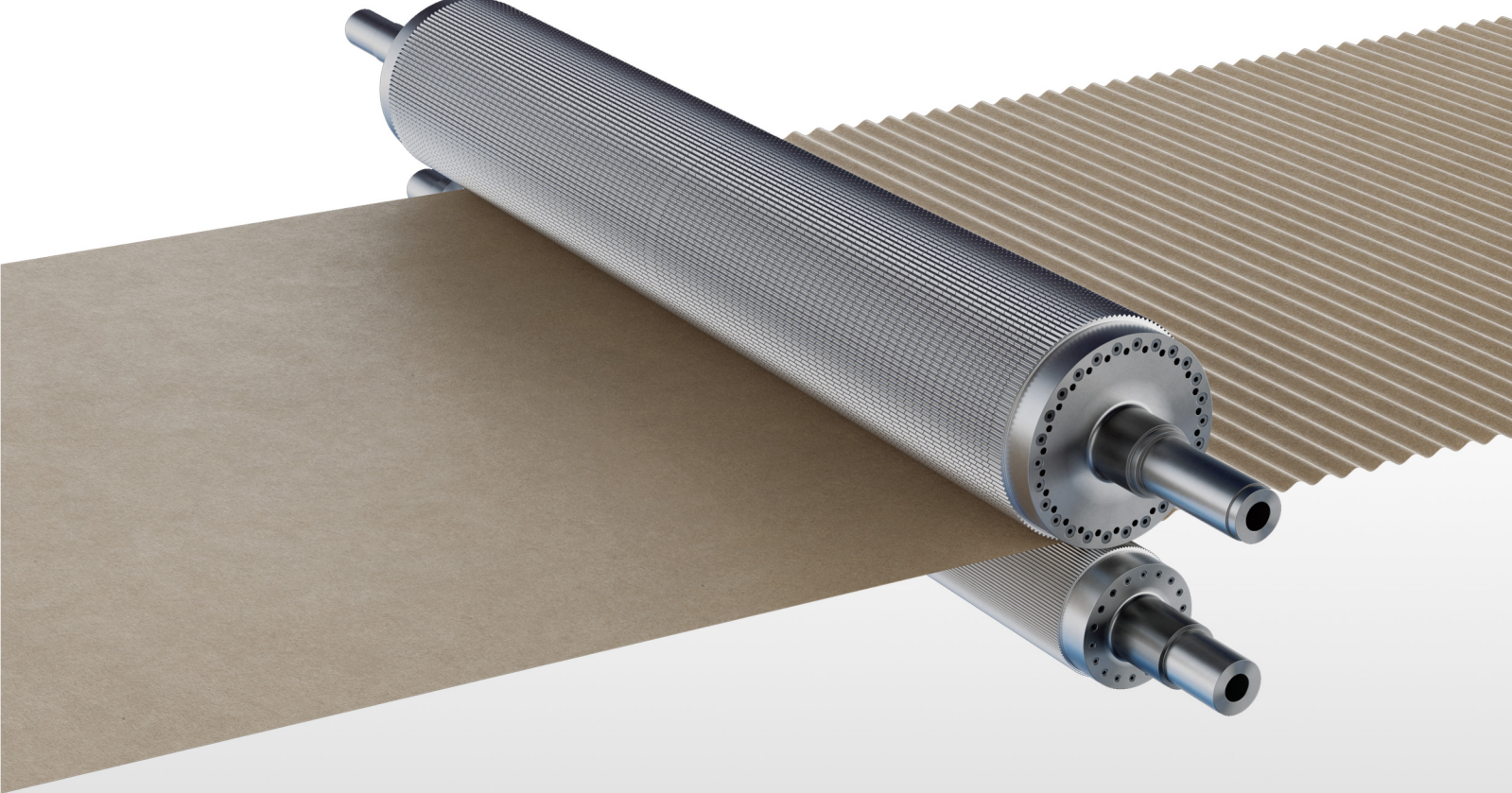
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青岛美嘉瓦楞辊有限公司
QINGDAO MEIJIA CORRUGATED ROLLER CO.,LTD.

用好料·做好辊
MATERIALS FIRST · QUALITY ENSURED

高性能 新型周边加热瓦楞辊

HIGH-PERFORMANCE PERIPHERY HEATING TUNGSTEN
CARBIDE CORRUGATED ROLLER



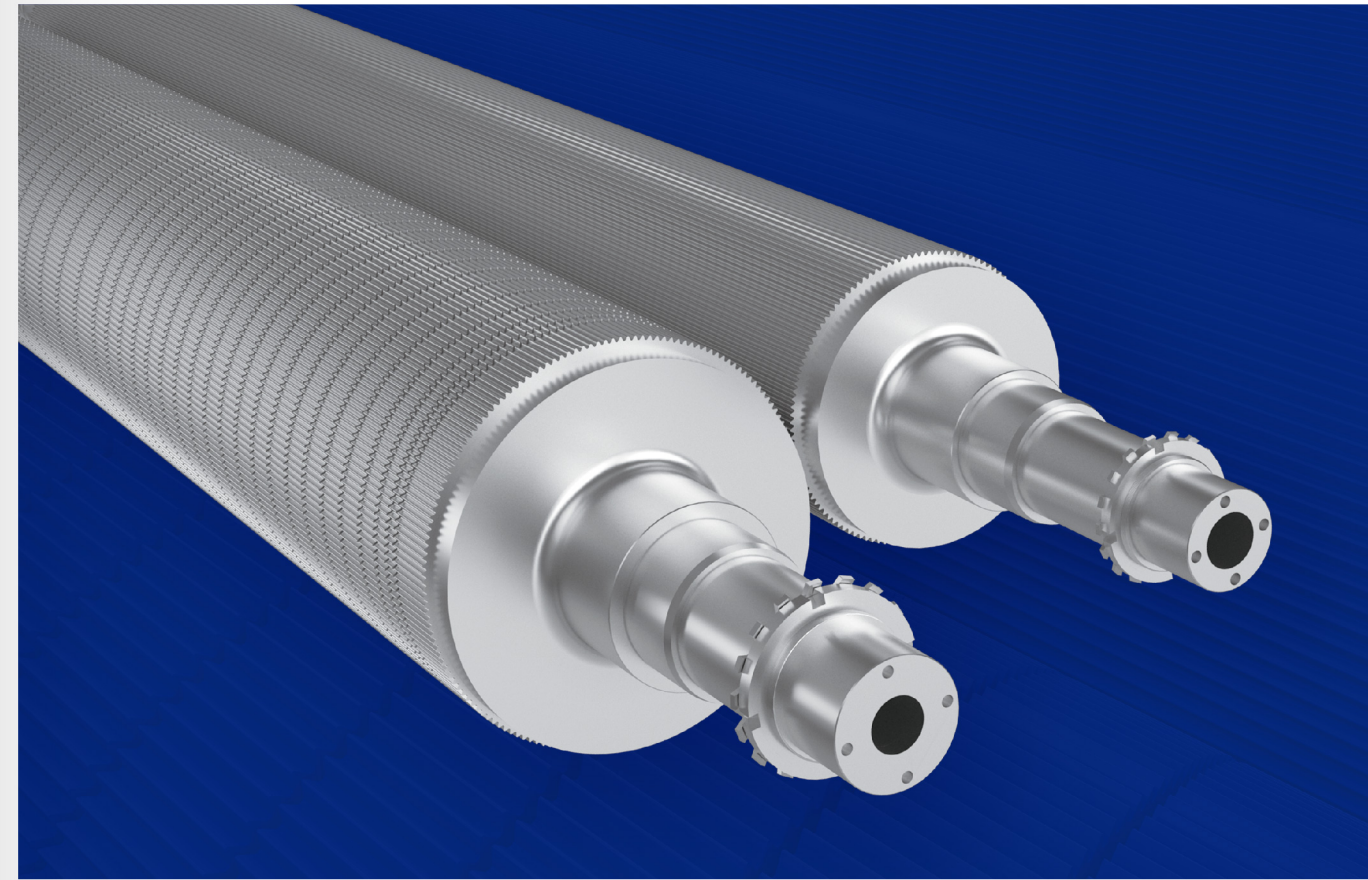
加热速度提升300%，且不变形
热能补充快且温度均匀，减少损耗
减少香蕉效应，无异常磨损，提高瓦楞辊使用寿命
纸板成型稳定，提升纸板品质

Heat-up speed increased by 300% without deformation.
Quick heat energy supplement and reduce production wastage.
Reduce "banana shape" and no abnormal worn, improve service life of corrugated roller.
With perfect quality corrugated paperboard, improve board quality.



关注抖音
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碳化钨瓦楞辊 TUNGSTEN CARBIDE CORRUGATED ROLLER



核心优势/Core Advantages:

- 采用特殊定制中原特钢50CrMo优质合金钢
 - 瓦楞辊辊坯经专业热处理设备及技术特殊处理，底材硬度可达HRC 58以上
 - 涂层与母材结合牢固，均匀且硬度高，耐磨性及使用寿命成倍增长，碳化钨涂层厚度可达0.06-0.08mm
 - 瓦楞辊涂层显微硬度：>HV 1250-1400、结合强度：>75Mpa
 - 经特殊抛光工艺处理，表面光洁度可达到Ra 0.2，完全满足高速机生产需要，稳定掌控纸板和纸箱的印刷品质
 - 定制化楞型设计，且在使用过程中，理论上永不磨损，极大提升使用寿命，减少更换次数，亦节省了人工及物力支出
 - 涂层可采用特殊方法去除，无或微小的外径改变，轮还可重复多次使用
- Select special customized 50CrMo alloy steel from Henan Zhongyuan Special Steel Equipment Manufacturing Co., Ltd. as raw material of the corrugating roller.
- The surface hardness of steel materials could reach HRC 58 after heat treatment by professional equipment and technology.
- Strong combination between coating and steel materials with ultra hardness, abrasion resistance and service life will increase manyfold, tungsten carbide coating thickness: 0.06-0.08mm.
- The microhardness of TC coating: >HV 1250-1400, Combining strength: >75Mpa.
- The surface roughness for the tungsten carbide corrugated roller is less than RA 0.2, pretty suitable for high-speed corrugated cardboard making machine, ensure perfect quality of corrugated paperboards and boxes.
- Special customized flute design, flutes in service will be never worn in theoretically which Maximize the service life. Minimize the replacement frequency and saving expenditure of manpower and materials resources.
- Used coating could be removed by special process and the rollers could be refurbished for reuse.



镀铬瓦楞辊 HARD CHROME CORRUGATED ROLLER

采用特殊定制中原特钢50CrMo优质合金钢
瓦楞辊辊坯经专业热处理设备及技术特殊处理
底材硬度可达HRC 58以上
高硬度以及耐磨耗，电镀层可达0.08-0.1mm
经特殊抛光工艺处理，表面光洁度可达到Ra 0.2

Product Features:

Select special customized 50CrMo alloy steel from Henan Zhongyuan Special Steel Equipment Manufacturing Co., Ltd. as raw material of the corrugating roller.

The surface hardness of steel materials could reach HRC 58 after heat treatment by professional equipment and technology. High hardness and wear-resistance, the thickness of electroplated hard chrome is within 0.08 to 0.1mm.

The surface roughness for the hard chrome corrugated roller is less than RA 0.2 after special polishing process.



压力辊 PRESSURE ROLL

坚硬、光滑、耐磨
Hard, Smooth and Wear-resistant

产品特点

材料：SC45无缝钢管或42CrMo合金钢
辊面直径及长度：Φ200-650mm*L 1000-4000mm
管壁厚度：≥50mm
动平衡等级：G2.5、圆跳动：≤0.02mm

Product Features:

Material: SC 45 Seamless steel tube or 42CrMo alloy steel.
Roller size: Φ200-650mm*L 1000-4000mm.
Tube wall thickness: ≥50mm.
Dynamic balance grade: G2.5.
Circle run-out accuracy: ≤0.02mm.

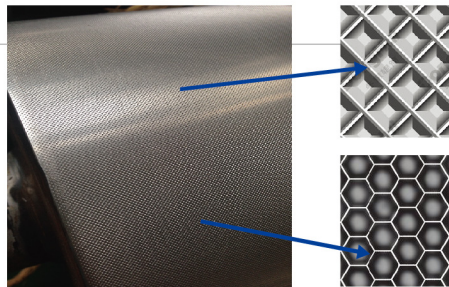


涂胶辊 GLUE ROLL

材料：SC45无缝钢管
网目：凹花0.5mm(50), 0.6mm(40), 0.8mm(32), 1.0mm(25)
辊面直径及长度：Φ100-450mm*L 1000-4000mm
管壁厚度：≥35mm, 动平衡等级：G2.5
圆跳动：≤0.02mm

Product Features:

Material: SC 45 Seamless steel tube
Size of mesh: Concave 0.5mm (50), 0.6mm(40), 0.8mm(32), 1.0mm(25)
Roller size: Φ100-450mm*L 1000-4000mm
Tube wall thickness: ≥35mm, Dynamic balance grade: G2.5
Circle run-out accuracy: ≤0.02mm



刮胶辊 DOCTOR ROLL

材料：SC45无缝钢管或实心钢管
辊面直径及长度：Φ50-300mm*L 1000-4000mm
管壁厚度：≥25mm
动平衡等级：G2.5
圆跳动：≤0.02mm

Product Features:

Material: SC 45 Seamless steel tube or solid steel pipe.
Roller size: Φ50-300mm*L 1000-4000mm.
Tube wall thickness: ≥25mm.
Dynamic balance grade: G2.5.
Circle run-out accuracy: ≤0.02mm.

