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无锡奥嘉精工机械制造有限公司 Wuxi Aukia Precision Machinery Co.,Ltd

专业生产输送缸
Specializing in the production of
conveying cylinder



无锡奥嘉精工机械制造有限公司
Wuxi Aukia Precision Machinery Co.,Ltd

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中国·无锡
CHINA WUXI



公司简介

无锡奥嘉精工机械制造有限公司始建于2010年，多年来专业生产输送缸，是生产和加工输送缸的专业公司。

公司主要产品：各类规格的混凝土输送缸。产品主要服务于工程机械、矿山机械、建筑机械、船用机械等行业。产品技术含量高，质量稳定，深得用户信赖。主要有国外知名品牌“大象”、“施维英”、“C阀”“赛马”等，并有“中联”、“三一”相关配件。经过十几年的发展，逐步开拓了出口贸易业务，产品远销印度、土耳其等海外市场。

公司技术力量雄厚，生产设备完善，检测设备齐全，信息反馈准确及时。一贯注重质量第一，用户至上，诚信至上，注重高标准，高起点，坚持走科技，质量，效益发展之路，大胆探索，勇于进取，追求完美。

高质量的产品求生存，高科技的管理拓发展，竭诚为顾客提供满意的产品和质量的服务。

COMPANY PROFILE

Wuxi Aukia Precision Machinery Manufacturing Co., Ltd. was founded in 2010, specializing in the production of conveying cylinder for many years. It is a professional company in the production and processing of conveying cylinder.

The main products of our company: a wide variety of specifications of concrete conveying cylinders. Our products mainly serve the construction machinery, mining machinery, construction machinery, ship machinery industry. Products with the high technology and stable quality. Our products with the trust of customers. At present, the products are exported other countries, matched for Germany Putzmister, Germany Schwing Company, Sermac, CIFA and so on. There are "Zoomlion Heavy Industry" and "Sany Heavy Industry" related accessories. After more than ten years of development, it has gradually opened up export trade business, and its products are exported to overseas markets such as India and Turkey.

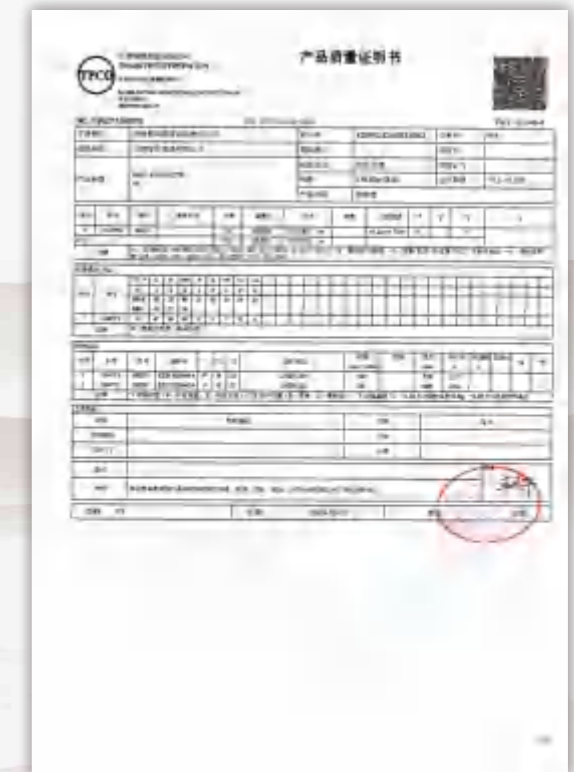
We have a strong technical force, perfect production equipment, The company is well equipped with testing equipment, and has advanced production technology. We ensure timely and accurate information feedback. Our company has always pay attention to quality first, customers supreme and maintenance of prestige. Insist on the high standard, high standing point. Adhere to the road of science and technology, quality, efficiency development. The bold exploration, the courage to forge ahead, the pursuit of perfection.

High quality products in order to survive, high-tech management extension development, dedicated to provide you high quality products and good service.

RAW MATERIAL
原材料

公司采用原材料来自于天津钢管集团有限公司“天津大无缝”，这种钢管是通过挤压，轧制等工艺制造而成。因其无焊接缝隙而得名。大无缝钢管广泛应用于石油、天然气、化工、电力、船舶等行业。尤其在高温高压环境下，具有优良的机械性能和抗腐蚀性。无缝钢管的特点为强度高，无缝钢管的整体性较好，承载能力强、耐压性强，适用于高温高压的工作环境。表面处理良好的无缝钢管，能够有效抵抗腐蚀，可加工性好，可进行焊接切割等后续加工。

Aukia uses raw materials from Tianjin Steel Pipe Group Co., LTD. "Tianjin seamless", this steel pipe is made by extrusion, rolling and other processes. It gets its name because it has no welded gaps. Large seamless steel pipes are widely used in oil, natural gas, chemical, electric power, shipbuilding and other industries. Especially in high temperature and high pressure environment, it has excellent mechanical properties and corrosion resistance. Seamless steel pipe is characterized by high strength, good integrity of seamless steel pipe, strong bearing capacity, strong pressure resistance, suitable for high temperature and high pressure working environment. The seamless steel pipe with good surface treatment can effectively resist corrosion, has good machinability, and can be welded and cut for subsequent processing.





HEAT TREATMENT PROCESS 热处理工艺

本公司的原材料严格按照要求进行加工，对45钢进回火和校直加工，使工件易变性、硬度不够得到了有效的改善，使工件的机械性能如抗拉强度和延伸力得到了进一步的提高。

例如：

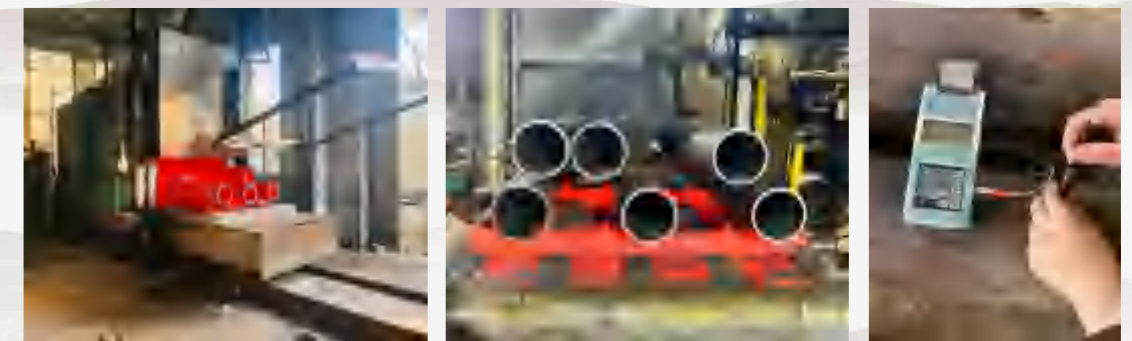
大象输送缸200*1585，回火温度500度，到温保温240min以上；
使用液压机校直，保证直线度在1.5mm以内；钢管2头磨点，硬度计检验硬度（合理范围HB230-260）。

The company's raw materials are processed in strict accordance with the requirements, and the tempering and straightening of 45 steel has effectively improved the variability and hardness of the workpiece, then improved the mechanical properties of the workpiece such as tensile strength and extension force.

FOR EXAMPLE:

Putzmister cylinder 200*1585, tempering temperature 500 degrees, to temperature preservation more than 240min; Use hydraulic press to straighten, to ensure that the straightness within 1.5mm;

Steel pipe 2 head grinding point, hardness tester test hardness (reasonable range HB230-260).



ELECTROPLATING PROCESS
电镀工艺

本公司的料缸其镀铬系采用德工艺，德国镀铬工艺其镀铬致密度达300目/mm；表面硬度达HV900；一般镀铬工艺的镀层仅为60目/mm；硬度仅为HV800，其密度之差足足5倍之多。本公司的料缸镀层厚度达0.25mm—0.30mm，厚度超过0.20mm的镀层需独特的工艺过程与特殊的镀液及设备。

The chromeplate of our cylinder is a German technology, which is exclusively introduced by our company. All of the equipments, plating solution and additives for this process are imported from Germany. In this chrome plating process, the chrome coating density reaches up to 300 Mesh/mm² and its hardness can reach Hv900; however, density formed by a general plating process is only 60 Mesh/mm² and the hardness is only Hv800. As thus, the density difference reaches up to more than 5 times! The plating thickness of our oil cylinder is 0.25mm-0.30mm. Any plating thickness of more than 0.20mm needs to be produced by unique process as well as special plating solution and equipment.



对照组	德国镀铬工艺	普通镀铬工艺
致密度	300目/mm ²	60目/mm ²
硬度	Hv950	Hv800
厚度	0.20-0.30mm	0.15-0.20mm
表面粗糙度	0.2	0.4
使用方量	10万m ³	8万m ³

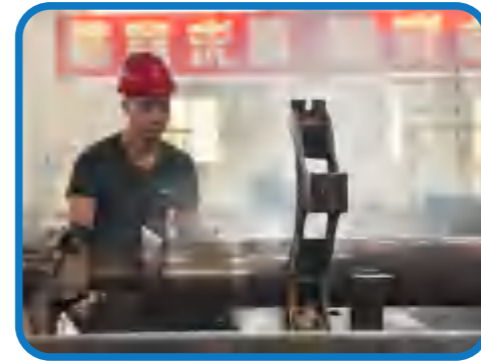
Control group	Germany chromium	Conventional
The density.	300mesh/mm ²	60mesh/mm ²
Hardness	Hv950	Hv800
Thickness	0.20-0.30mm	0.15-0.20mm
Surface roughness	0.2	0.4
The use of	100000m ³	80000m ³



WORKSHOP PROCESS
车间工序



1 断料
Broken material



2 半精车
Semi-finishing machining



3 镗床
Boring machine machining



4 珩磨
Grinding machine processing



8 打包
Packaging



7 喷漆
Spray lacquer



6 精车
Finishing machining



5 抛光
Polishing



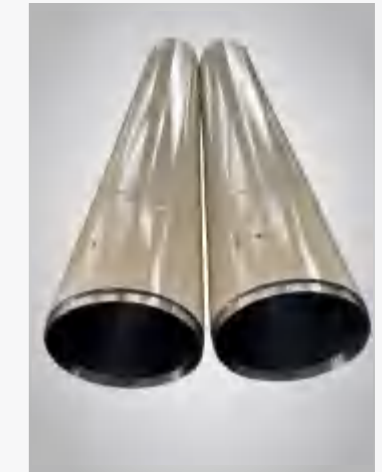
FINISHED PRODUCT
产成品



C阀230 × 2215 238168
CIFA Dn230 × 2215



大象200 × 1585 240112004
Putzmister Dn200 × 1585



大象230 × 1600 261520002
Putzmister Dn230 × 1600



大象230 × 2320 239867001
Putzmister Dn230 × 2320



赛马230 × 2160 1151024
Sermac Dn230 × 2160



施维英200 × 1775 1006084
Schwing Dn200 × 1775



施维英230 × 2125 10019377
Schwing Dn230 × 2125



中联230 × 2250 00169201A0000000
Zoomlion Dn230 × 2250



LOADING OUTLET
装柜出口

