



EP-Xianli HYDRAULIC

EP先力液压机械有限公司



01 COMPANY INTRODUCTION

EP-Xianli Hydraulic Machinery Co. Ltd, located in the eastern city of China, Hangzhou, is a branch of EP Group specializing in manufacturing hydraulic equipment like various hydro-cylinders, high pressure hoses, and hydraulic pumps. The products of EP-Xianli are widely used in warehouse and logistic equipment such as stackers, pallet jacks , lifting platforms and some engineering machinery and vehicles.

EP-Xianli Hydraulic Machinery Co. Ltd is equipped with a production plant measuring over 12,000 square meters, in which automatic CNC machines, machining centers, over 200 pieces of advanced manufacturing and testing equipment are utilized and several kinds of automatic welding equipment have been developed. EP-Xianli Hydraulic Machinery Co. Ltd has a staff of over 130 people, of which 40 are technicians with intermediate or senior professional titles and form a professional team with high skill and efficiency. And in this company, reliable guarantee is made for the products throughout the process of developing, manufacturing, selling and providing services.

EP-Xianliers have been pursuing the core corporate culture of “To be a responsible craftsman with a true heart to make high-quality works for our customers” . And our management philosophy is “To produce high-quality products with advanced technology and best services” .



01 COMPANY INTRODUCTION

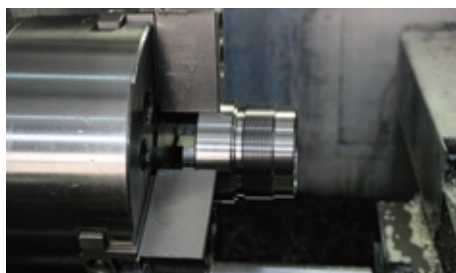
公司介绍



- Office environment
- Finished Products Warehouse
- Semi-finished Products Warehouse
- Raw Materials Warehouse
- Workshop
- Production facilities

02 PRODUCT 产品生产 PRODUCTION

Production Details





PRODUCT 产品生产 PRODUCTION

Products Introduction

Product Parameters	Cylinder diameter/mm	Stem diameters/mm	Cylinder Stroke	Working pressure	Working temperature
	40-1000	20-900	30-9000	14-50	-30-180

Product Features

■ Materials:

The materials for cylinder barrels and piston rods are high-quality alloy steels like 20#、45#、16Mn、27SiMn、40Cr.

■ Production process of cylinder barrels:

Cylinder barrels are made with about a dozen procedures, including pickling, cold-drawing, heat treating, tempering, straightening, honing, boring, etc.

■ Production process of piston rods:

Piston rods are made with a dozen of procedures like peeling, rolling polishing, tempering, straightening, centreless grinding, polishing, electroplating., etc.

■ Welding:

Welding with automatic CNC machines and detecting with ultrasonic inspections.

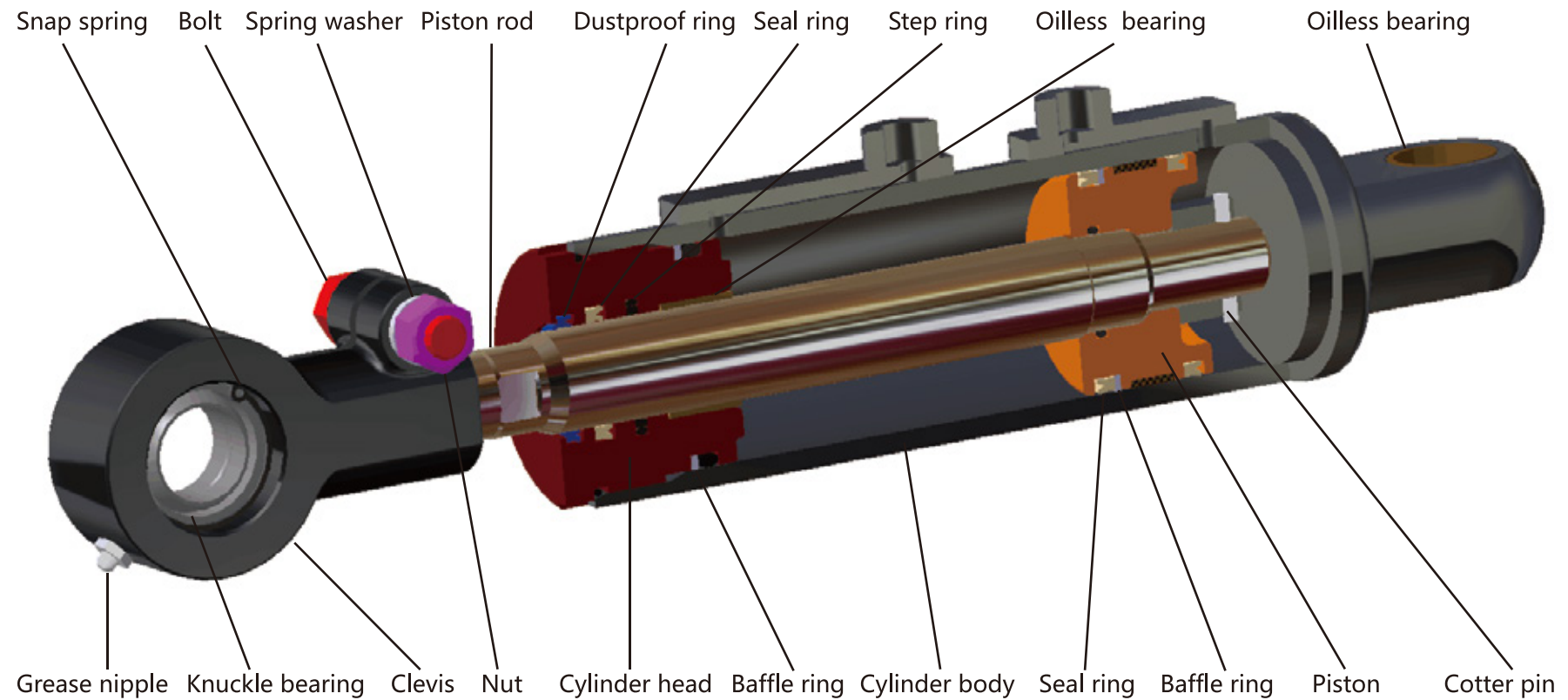
■ Sealing:

Special sealing system is utilized to adjust the special field application conditions, which guarantees the optimal lubricating oil film for the piston rods and prolongs the service life of the sealing elements, and simultaneously protecting the hydraulic cylinders from the pollution of sands and dirt and preventing the leaking problem from happening.

02 PRODUCT PRODUCTION

产品生产

3-D Cutaway View



03 QUALITY CONTROL

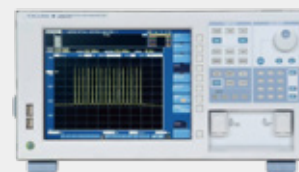
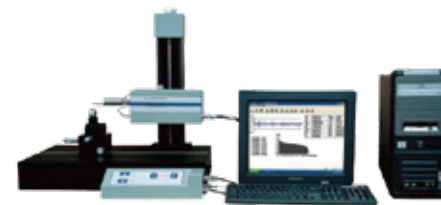
品质控制



Quality Control

EP-Xianli Hydraulic Machinery Co. Ltd has a sophisticated quality control process and a staff of experienced full-time inspection personnel. Products are under full inspection as to make sure every single one is qualified before they come out of the factory.

EP-Xianli attaches great importance to the quality of our products and measures are taken to perform quality control throughout the production process. Major quality control equipment is listed below: CMM coordinate measuring machine, ultrasonic fault detector, optical spectrum analyzer, salt spray test chamber, roughness tester, coating thickness gauge, etc.





04 PRODUCT 产品展示 DISPLAY



04 PRODUCT 产品展示 DISPLAY





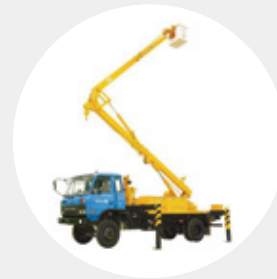
04 PRODUCT 产品展示 DISPLAY



05 APPLICATION RANGE

应用范围

■ **Application range:** Material handing equipment Agricultural machinery
Engineering machinery Industrial Vehicle





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