

Yantai Xinpeng Precision Engineering Technology Co., Ltd.

" Precision Engineered for Your Success. "

EXPERTISE

Professional Solutions

GLOBAL VISION

Customer Success is Our Mission



01. Enterprise Profile

Xinpeng Precision Engineering Your Trusted Global Partner

Committed to becoming the most trusted choice for customers in the field of precision manufacturing with excellent technology and strict quality control.



Shandong Xinpeng



About Yantai Xinpeng

We are a high-tech enterprise specializing in R&D, production, and sales of precision mechanical parts. Dedicated to providing global customers with high-precision, high-quality customized solutions.

Core Advantages

- ★ Tech-Leading: Experienced R&D team
- ★ Quality Excellence: ISO9001 certified
- ★ Fast Response: Flexible production system
- ★ Cost-Effective: Optimized supply chain

Core Value

Innovation & Quality

Standard

ISO9001 System

Service

Fast Customization

Vision

Industry Leader

02. Development history

1992

Xinpeng Materials Co., Ltd. was officially established

Building on the steel distribution sector, we establish the foundation for corporate development.

1997

The company was officially renamed Yantai Xinpeng Steel Pipe Co., Ltd.

Refine brand upgrading and strategic positioning;

1998

Successfully became an authorized agent for major domestic steel mills including Shanghai Baosteel, Sichuan Pangang, and Hubei Yegang.

Supply chain capabilities have significantly improved.

2001

Establish Shandong Penghui Cylinder Co., Ltd.

The business scope has expanded from steel trading to mechanical processing and hydraulic cylinder manufacturing.
Expand the industrial chain upstream to manufacturing segments.

2004

The business scope has expanded from steel trading to mechanical processing and hydraulic cylinder manufacturing, achieving upstream manufacturing link expansion in the industrial chain.

This signifies that the company's product and service quality have gained high recognition from large state-owned enterprises.

2007

Successfully integrated into the foreign investment support system, becoming a core supplier of Dongyang (Yantai) Electromechanical Equipment

Embark on a new chapter of collaboration with international brands.

2015

Deepened collaboration reaches new heights, officially becoming a global supply chain partner of Dongyang Electromechanical in South Korea.

The company's quality and delivery capabilities meet international standards.

2025

Penghui was awarded the title of Gazelle Enterprise in Shandong Province, and Xinpeng was simultaneously renamed Yantai Xinpeng Precision Technology Co., Ltd.

With 'precision engineering + technology' as the new direction, we embark on a new journey toward high-quality development.

03. Technology and Honors



Core Technology
Innovation Engine

Certificate and Quality Management System Display

Quality assurance

Enhance management

Exploit the market

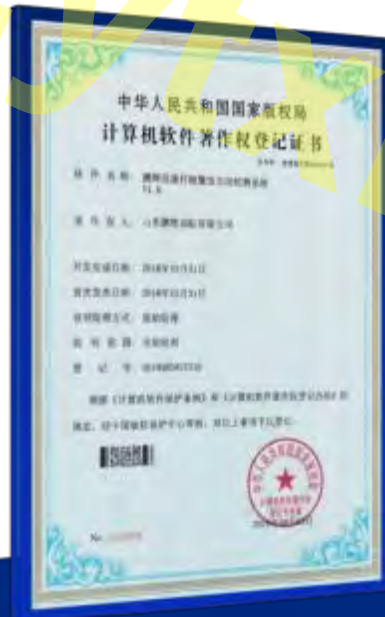
Talent Recruitment



Hardware Assurance
Powerful R&D tool



20 Items
patent for utility models



15 Items
computer software copyright



GB/T 19001:2016
Quality Management System Certification



ISO 9001:2015
Quality Management System Certification

02. Product Strength - Main Products



Hydraulic cylinder barrel

- **Versatility:** Multiple processing options available, including cold drawing, cold rolling, boring, and honing.
- **Adaptability:** Wide range of inner diameter specifications.
- **Reliability:** Strict control over materials and heat treatment.
- **Customization:** Supports non-standard size customization.



High-precision cold-drawn tube

- **Economic efficiency:** Cold drawing in one step, high cost-effectiveness
- **Increased strength:** Tensile strength increased by 15%-30%
- **Dimensional precision:** Uniform wall thickness tolerance H8-H9
- **Efficiency priority:** Short production cycle, fast delivery



Cold-rolled steel pipe

- **Superior Precision:** Optimal dimensional accuracy and wall thickness uniformity
- **Strong Stability:** Uniform hardness achieved through cold rolling, suitable for precision hydraulic cylinders
- **Reliable Pressure Resistance:** Suitable for high-pressure, high-frequency, and high-impact applications

02. Product Strength - Main Products



Inner bore boring and rolling of steel pipe

- Mirror finish: Inner bore roughness Ra 0.2-0.4 μ m
- Sealing-friendly: Smooth inner bore extends seal life
- Ideal for long strokes: Suitable for long-stroke cylinders and high-frequency reciprocating motion



Grinding tube

- Cross-grooved oil reservoir: Excellent oil film and superior lubrication thanks to its cross-grooved structure.
- King of Precision: Internal bore precision H7-H8, ultimate control over roundness and straightness.
- High-end Choice: Standard configuration for servo cylinders, precision equipment, and high-end hydraulic systems.



Cold drawn welded pipe

- Economic Efficiency: The combination of cold drawing and welding processes results in significant cost advantages.
- Dimensional Stability: Uniform wall thickness, with inner diameter tolerances meeting H9-H10 standards.
- Flexible Specifications: Customizable with various diameters and wall thicknesses, offering strong adaptability.

02. Product Strength - Main Products



Chromated rod

- High wear resistance: Hard chrome plating, high surface hardness, and excellent wear resistance.
- Corrosion resistance: Dense plating, with a neutral salt spray test rating of over 200 hours.
- Smooth surface: Roughness Ra 0.2-0.4 μ m, low coefficient of friction.



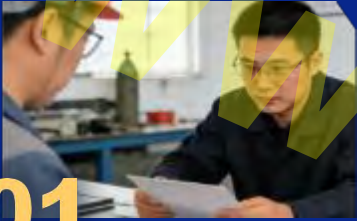
Solid steel galvanized rod

- Basic Corrosion Protection: The galvanized layer provides basic rust protection, suitable for general operating conditions.
- Uniform Surface: The coating is uniform, with a bright, silvery-white appearance.
- Application Suitability: Suitable for medium to low loads and applications with moderate corrosion resistance requirements.

02. Product Strength - Production Process

Raw Material Procurement

Raw Material Purchasing



01

Raw Material Inspection

Raw Material Inspection



02

Pickling, Phosphating, and Saponification

Pickling, Phosphating, Saponification



03

Cold drawing / Cold rolling

Cold Drawing / Cold Rolling



04

Fixed-length cutting

Fixed-length cutting



08

Straightening

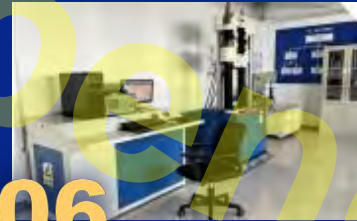
Straightening



07

Mechanical Property Testing

Mechanical Property Testing



06

Heat Treatment Annealing

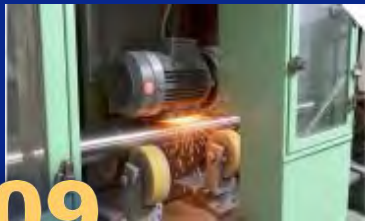
Stress Relieving Annealing



05

Polishing/Honing/Grinding

Polishing/Honing/Grinding



09

Finished Product Inspection

Finished Product Inspection



10

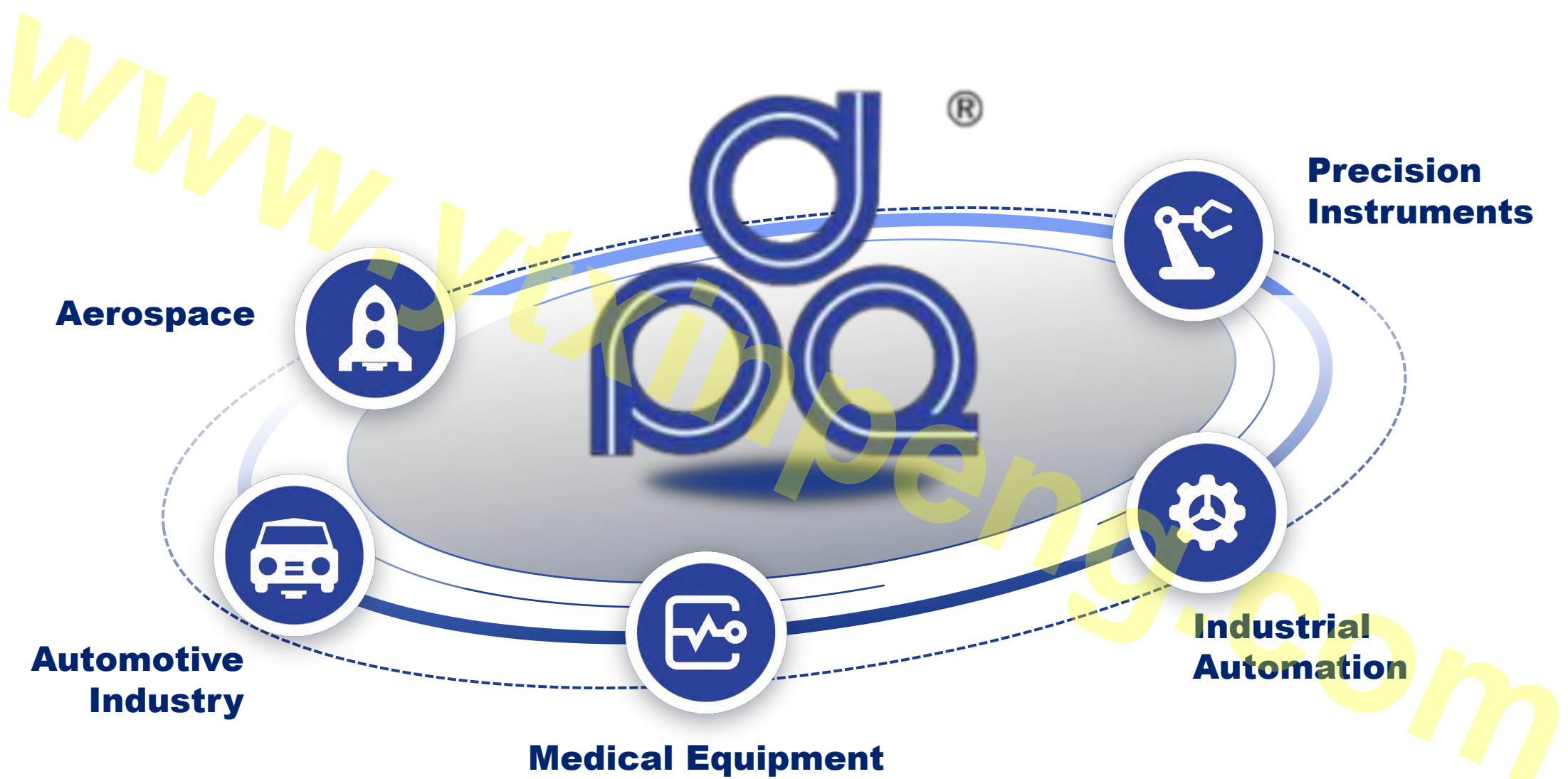
Premium packaging

Packaging



11

03. Product Quality - Application Fields



04. About Us - Product Coverage

North America

North Africa

Core Partner Base in the North American Market

Europe

Ukraine, Türkiye

Deeply rooted in the EU's high-end manufacturing sector

Asia

South Korea, Saudi Arabia, India, Thailand

Asia Electronics and Precision Machining Center

Global Layout, Quality for Long-term Success

Our products and services have been exported to many countries and regions around the world, and we have established long-term and stable partnerships with numerous world-renowned companies. From North America to Europe to Asia, we are a trusted partner of Fortune 500 companies.



Yantai Xinpeng Precision Engineering Technology Co., Ltd.

Address: No.2 Binglun Road, Zhifu District, Yantai City, Shandong
Province, China

WhatsApp: 86-18953537620 | judy 86-13325141105 | gavery
86-15552299257 | candy

Tel: +86-535-6835398 (International)

Fax: +86-535-6836888

Zip Code: 264002

Website: <http://www.ytxinpeng.com>

E-mail: info@yt-xinpeng.com steelman@yt-xinpeng.com
trade@yt-xinpeng.com