35 MPa Pressure Rating Seamless Hydraulic Steel Pipe and Hydraulic Steel Tube with Customizable Length

Our Product Introduction

Basic Information

- Brand Name: Zhengshen
- Certification: ISO, GOST
- Minimum Order Quantity: 1ton
- Price: USD500-700
- Packaging Details: Bundle
- Delivery Time: UPTO THE QUANTITY
- Payment Terms: T/T,L/C
- Supply Ability: 10000TONS PER MONTH



Product Specification

- Wallthickness: 1mm - 20mm
- Tensilestrength: ≥ 500 MPa
- Outerdiameter: 10mm - 200mm
- Surfacetreatment: Galvanized, Painted, Or Blackened
- Connectiontype: Threaded Or Flanged Ends
- Endconnection: Threaded, Flanged, Or Welded
- Length: 6m, 12m Or Customized
- Pressure Rating: High
- Highlight: **35 MPa Hydraulic Steel Pipe**, **Seamless Hydraulic Steel Tube**, **Customizable Length Hydraulic Steel Pipe**



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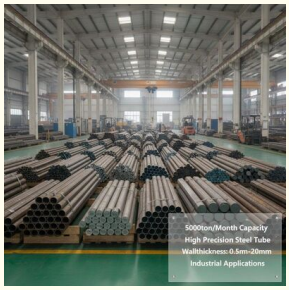





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Our Product Introduction

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Product Description

Product Overview

The Hydraulic Steel Pipe is a premium-quality product engineered to meet the demanding requirements of high-pressure fluid conveyance systems. Manufactured from high-strength carbon steel, this pipe delivers exceptional durability, superior mechanical properties, and outstanding resistance to wear and corrosion. Its robust construction ensures reliable performance in the most challenging hydraulic applications, making it an ideal choice for industries such as oil and gas, construction, mining, and heavy machinery.

The pipe is available in standard lengths of 6 meters and 12 meters, with customized lengths available upon request to suit diverse project requirements. This flexibility allows seamless integration into specific system designs and minimizes waste during installation, making the pipe highly versatile across a wide range of hydraulic systems.

Multiple end connection options facilitate easy and secure assembly. Threaded ends offer quick, convenient installation ideal for systems requiring frequent disassembly or maintenance. Flanged ends provide a strong, leak-proof connection suited to high-pressure environments where safety and reliability are paramount. Welded ends deliver a permanent, robust joint for applications demanding the highest structural integrity. This variety enhances compatibility with existing infrastructure and simplifies integration.

Engineered to withstand high-pressure conditions with ease, the pipe is rigorously tested to meet and exceed industry standards for pressure ratings, guaranteeing safe and efficient operation in critical hydraulic systems. Its superior pressure rating ensures minimal risk of failure and prolonged service life.

Surface finish and dimensional accuracy are maintained to the highest standards, ensuring smooth fluid flow and reducing the risk of turbulence or pressure drops. Consistent wall thickness and precise diameter contribute to uniform stress distribution, which is critical for maintaining system stability and preventing leaks.

Key Features

Product Name: Hydraulic Steel Pipe

Pressure Rating: High-pressure steel pipe suitable for demanding applications

Connection Type: Threaded or welded connections for versatile installation

Material: High-strength carbon steel for durability and reliability

Length Options: Available in 6m, 12m, or customized lengths to meet specific needs

Corrosion Resistance: Excellent corrosion resistance ensuring long service life

Also Known As: Hydraulic steel tube, designed to handle high-pressure environments

Technical Parameters

Tensile Strength	≥ 500 MPa
Outer Diameter	10mm – 200mm
Material	High-strength Carbon Steel
Length	6m, 12m, or Customized
Connection Type	Threaded, Welded, or Flanged Ends
Pressure Rating	High (up to 35 MPa)
Wall Thickness	Varies Depending on Size
Standard	ISO 8434, SAE J516
Surface Treatment	Galvanized, Painted, or Blackened

Applications

The Zhengshen Hydraulic Steel Pipe, originating from China and manufactured under stringent standards such as ISO 8434 and SAE J516, is engineered to meet the demanding requirements of various hydraulic applications. With a tensile strength of ≥ 500 MPa and wall thickness ranging from 1mm to 20mm, this seamless hydraulic pipe offers exceptional durability and reliability in high-pressure environments. Its robust construction ensures optimal performance in both static and dynamic hydraulic systems.

This hydraulic steel tube is widely used in industrial machinery and equipment that require efficient fluid power transmission. The seamless design minimizes the risk of leaks and failures, making it ideal for critical applications in construction, agriculture, and manufacturing sectors. Its

versatility allows it to be used in heavy-duty hydraulic cylinders, power steering systems, and hydraulic control valves, where precision and strength are paramount.

In addition to its strength and durability, this hydraulic steel tube offers multiple connection options to suit different installation needs. Threaded or welded fittings, with end connections designed as threaded, flanged, or welded, provide flexibility for integration into various hydraulic systems. This adaptability makes it suitable for both new installations and maintenance or repair projects.

Seamless hydraulic pipes from Zhengshen are also extensively employed in the automotive and aerospace industries, where high pressure and safety standards must be rigorously maintained. Their exceptional tensile strength and reliable connection methods ensure stable fluid flow and pressure control, which are critical to operational efficiency and safety.

Customization Services

Our Hydraulic Steel Pipe product from the renowned Zhengshen brand offers exceptional quality and reliability, proudly made in China. We provide customization services to meet your specific needs, including length options of 6m, 12m, or tailored lengths according to your project requirements.

The product features high-strength carbon steel material, ensuring durability and performance under demanding conditions. End connection types are customizable as well, with options for threaded, flanged, or welded ends to suit various installation preferences.

Manufactured to meet international standards such as ISO 8434 and SAE J516, our hydraulic steel pipes guarantee compatibility and safety. Designed for applications requiring a pressure rating of up to 35 MPa, these pipes are ideal for high-pressure environments.

Our seamless hydraulic pipe solutions stand out for their superior strength and reliability, making them perfect for high-pressure steel pipe applications where leak prevention and structural integrity are critical. Choose Zhengshen for your hydraulic piping needs and benefit from tailored, high-quality high-pressure steel pipe products.

Support and Services

Our Hydraulic Steel Pipe products come with comprehensive technical support and services to ensure optimal performance and customer satisfaction. We provide detailed product documentation, including specifications, installation guides, and maintenance manuals to assist in the proper use and care of the pipes.

Our expert technical team is available to offer consultation on product selection, system design, and troubleshooting to help you achieve the best results in your hydraulic applications. We also offer training sessions and workshops to educate your staff on the latest industry standards and best practices.

In addition, we provide after-sales support including routine inspections, repair services, and replacement options to maintain the reliability and longevity of your hydraulic systems. Our commitment is to deliver prompt and effective solutions to minimize downtime and maximize productivity.

We continuously invest in research and development to improve our hydraulic steel pipe products, ensuring they meet or exceed international quality standards and environmental regulations.

Packing and Shipping

Our Hydraulic Steel Pipes are carefully packaged to ensure maximum protection during transportation. Each pipe is coated with a rust-preventive oil and wrapped with protective materials such as plastic film or shrink wrap to prevent moisture and dust damage. The pipes are then securely bundled and strapped to avoid any movement or impact.

For shipping, the Hydraulic Steel Pipes are loaded onto pallets or wooden crates, depending on the size and quantity, to facilitate safe handling and stacking. All shipments comply with international standards to guarantee timely and damage-free delivery to your destination. We also provide custom packaging solutions to meet specific requirements.

Frequently Asked Questions

Q1: What is the brand of the Hydraulic Steel Pipe?

A1: The Hydraulic Steel Pipe is manufactured under the brand name Zhengshen.

Q2: Where is the Hydraulic Steel Pipe produced?

A2: The Hydraulic Steel Pipe is produced in China.

Q3: What materials are used in the Zhengshen Hydraulic Steel Pipe?

A3: The Zhengshen Hydraulic Steel Pipe is made from high-quality steel to ensure durability and strength under high pressure.

Q4: What applications are suitable for the Hydraulic Steel Pipe?

A4: The Hydraulic Steel Pipe is suitable for hydraulic systems in machinery, construction equipment, and industrial applications requiring high-pressure fluid conveyance.

Q5: How can I ensure the Hydraulic Steel Pipe is compatible with my hydraulic system?

A5: To ensure compatibility, check the pipe dimensions, pressure rating, and material specifications provided by Zhengshen, and compare them with your system requirements.

Product Gallery










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