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HYDRAULIC POWER UNITS
HYDRAULIC PRODUCTS
COMPLETE SET OF HYDRAULIC SOLUTIONS

SHANGHAI SUCCESS HYDRAULICS CO.,LTD

SHANGHAI SUCCESS HYDRAULICS CO.,LTD

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SHANGHAI SUCCESS HYDRAULICS CO., LTD. Your Trusted Partner in Hydraulic Solutions

Shangha Success Hydraulics Co., Ltd. is a professional company specialized in the trade of hydraulic valves and accessories, as well as the R&D of hydraulic components and the design of complete sets of systems. Adhering to the quality service philosophy of "meticulous design, careful manufacturing, Continuous Improvement, and Customer Satisfaction", the company takes technology and innovation as the driving force for development, and integrity, pragmatism, convenience and efficiency as its guarantees, establishing a strong corporate image and earning wide acclaim from customers.

The company's main business includes the distribution of SUN and HF valves; the design, processing and manufacturing of hydraulic power units, hydraulic manifolds and valve parts, as well as the selection and sales of hydraulic cartridge valves. With a team of professional sales and technical staff, the company provide customers with design and development, technical consultation and on-site commissioning services.

Since its establishment over 20 years ago, the company has provided product design, production supporting and system integration services for numerous domestic enterprises in the fields of wind power, shipbuilding, port operations, petroleum equipment, construction machinery, machine tools, geological prospecting, aerospace and military applications. Relying on the quality of its products and it's solid reputation, the company has become a supplier to more than 1,000 companies in China and abroad.

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PTC Exhibition



BAUMA Exhibition



Wind Power Exhibition

Corporate Culture



Work with Joy .
Strive for Continuous Improvement .
Embrace Innovation .
Pursue Harmonious Growth
-Corporate Culture



Factory Overview



Shanghai Success 1st Plant is located on Changta Road, Songjiang District, Shanghai, with a land area of 15,000 square meters.

Shanghai Success 2nd Plant is located at Chuangshe Road and Shuangjin Road, Songjiang District, Shanghai, with a land area of 20,000 square meters.



The company operates multiple internationally advanced flexible production lines and machining centers.

The company provides customized design and manufacturing of integrated hydraulic power unit solutions.



We deliver high-efficiency valve block production with customized solutions tailored to your needs.

R&D Center

Hydraulic power unit. Its R&D team develops over 1,000 types of valve control components and various integrated hydraulic power units every year.



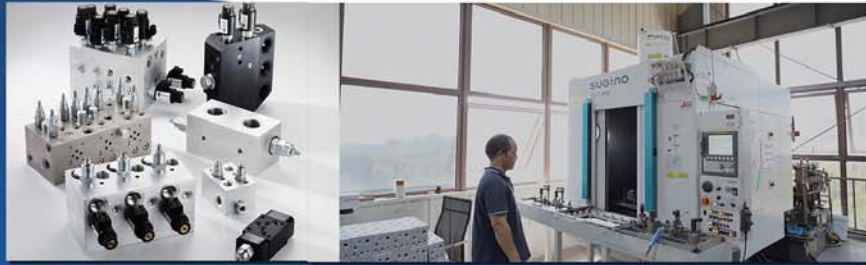
Production Capacity

With rich experience in valve block machining and integrated power unit assembly, we strictly control every stage--from raw materials to delivery--ensuring outstanding product quality.



Certified to ISO 9001 since 2008, our company ensures high product quality. With the continuous development of the hydraulic industry, we keep refining our machining processes and inspection methods, while strengthening pre- and post-sales support, providing customers with more high-value products and services.

All machining is performed using forming tools, reducing the number of tool setting and work piece clamping operations and ensures the concentricity of cartridge valve holes.



The manifold is subjected to high-temperature high-pressure, and ultrasonic cleaning after machining to ensure that burrs between the channels are completely removed, greatly reducing the risk of valve sticking in the hydraulic power unit.



Valve components are assembled in a clean, enclosed environment to ensure the cleanliness of the products

All valves and valve assemblies undergo 100% parameter setting and functional testing before leaving the factory, ensuring that customers can use the products directly without any issues.



Product Test



System Testing

Hydraulic power units are tested using an automatic test bench, which performs automatic evaluation and generates reports. This reduces system failures, and any non-conforming products are strictly prevented from leaving the factory.

Salt Spray Test

Components of different materials and heat treatments undergo a neutral salt spray test with a 5% NaCl solution, ensuring that the products meet the designed anti-corrosion grade.



High And Low Temperature Test Chamber

During type testing of R&D prototypes, complete high- and low-temperature tests are conducted to ensure that all components can operate and remain reliable under varying temperature conditions.



High-precision Coordinate Measuring Machine (CMM)

All precision-machined components are measured with a high-accuracy coordinate measuring machine (CMM) to ensure precise dimensional inspection..



Major Product



SUN Valve Part

The global leading brand of cartridge valves :
Offer services globally ;Offer a full range of products ;
Provides reliable guarantee for equipment load retention.



Rexroth-HF

A highly cost-effective threaded cartridge valve for the global industrial market, with a product series that meets the full range of industrial hydraulic operating conditions.



Hydraulic Valve Assembly

A functional valve group for off-road scissor lifts, with a maximum working pressure of 250 bar and a flow rate of 80L/min, primarily controlling the vehicle's movements such as outrigger operation, steering, lifting, and driving.



Hydraulic Valve Assembly

Used for straight-arm lifts, with a pressure of 240 bar and a flow rate of 95 L/min. It controls the movements of the boom lift, including steering, leveling, telescoping, luffing, and slewing.



Non-standard customized valve assembly

Meet customer's non-standard customization requirements, realize the function of the hydraulic valve group.



Brake Hydraulic Station

2-16 MW Braking Hydraulic Power Unit Key Parameters:
Power: 0.37 KW-2.2KW Flow Rate: 1.6L-6L/min
Pressure: maximum up to 270 bar

The hydraulic brake power unit for wind turbines features functions of main shaft braking, yaw braking, and rotor lock pin control. It is manufactured in large quantities on automated assembly lines, ensuring high reliability and extensive application experience in wind farms.



7-11MW Wind Power Brake and Lubrication Integrated Power Unit

The lubrication, brake and cool systems in the wind turbine integrated, making them suitable for offshore, highly corrosion, and harsh environments, providing safer and more stable power.



2MW/4MW Wind Power Lubrication Power Unit

The gearbox lubrication system in wind turbines features high reliability and excellent heat dissipation. It protects the gear-box for long-term operation and has been widely used in various wind turbine models, such as 2MW and 4MW doubly-fed units.



Rail Transit Project HPU

Total Power: 15 kW Working Pressure: 80 bar
Total Flow: 80 L/min Oil Tank Capacity: 250 L
Main Function: This unit consists of a motor pumpset, junction box, oil tank and valveblock assembly, backup DC motor assembly, air cooler, and filters. It primarily provides the power source for the track-switching section.



HPU for Self-Elevating Oil Drilling Platform

Total Power: 2 x 132kW Working Pressure: 300bar Oil Tank Capacity: 4,000L
Main Function: This hydraulic Power Unit is used for offshore oil and gas exploration and drilling operations.



Hydraulic/Grease Lubrication 2-in-1 Wind Power Brake Unit

The hydraulic brake system of wind turbines features main shaft braking, yaw braking and rotor locking pin control. It is produced in large quantities on automated assembly lines, ensuring high reliability and extensive operational experience in wind farms.



Industrial Custom Hydraulic Station

It meets customers non-standard customization requirements and realizes the functions of the hydraulic power unit.

Applications



Valves, Machinery Accessory and Their Applications



Valve group for aerial work platforms



Construction machinery accessory valve assembly



Industrial mechanical valve assembly



Non-standard customized valve assembly

Partners



GOLDWIND



ENVISION



运达风电
WINDY



MINGYANG SMART ENERGY
明阳智能
MINGYANG



CSSC 中国海装



DEC
东方电气
DONGFANG ELECTRIC



上海电气
SHANGHAI ELECTRIC



Hengli



Dingli