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Hydraulic System

Standard | Customized | Rubber Industry

CHUYA
HYDRAULIC MACHINE

液 压 系 统

标准 | 定制 | 橡胶工业

Innovative Quality & Trust-worthy Service

志亚油压五金有限公司成立于1988年，主要以专业设计制造各种液压系统，油压元件，逻辑阀组，测试设备，液压教学设备为主轴，创立28年来持续并执着不断‘研究创新，技术提升，永续经营’之精神理念，并致力于开发及品质的提升，创造出更精密，更先进的产品来满足客户的需求。

有关于公司经营的理想与开发，于2003年创立子公司志尧油压五金有限公司，更是秉持母公司传承之精神，严守品质及技术之根基，致力于发展高效率，低能耗的油电混合系统，以生产更环保，更高效的油压单元。亦于2009年于大陆地区江苏省太仓市创立了大陆分公司-太仓志霖液压机械有限公司。我们以专业的技术、精湛的工艺，在2016年荣获日本知名液压厂牌的OEM合格认证。并将公司目标定位于亚洲生产研发基地，以高质量为承诺，将一本热忱，细心，专业的服务宗旨，朝向‘创新品质，诚信服务’的理想迈进。

CHUYA Hydraulic & Hardware Co., Ltd. was established in 1988, focuses on the professional design and manufacture of various hydraulic systems, hydraulic components, logic valve group, test equipment, and hydraulic equipmen. In 28 years since founded, we always taking “research and innovation, technology upgrading, performance management” as the spiritual idea, and committed to promote and improve the quality of our products, creating a more sophisticated and more advanced products to meet the customer’s demands. And for the ideal and development of our company, the subsidiary ZhiYao Hydraulic & Hardware Co., Ltd. which founded in 2003, is inheriting and upholding the spirit of it’s parent company, strictly observe the high quality and the main technology, and committed to the development of high efficiency & low energy consumption hybird system to produce more environmentally friendly and more efficient hydraulic power unit. Also in the 2009, our mainland branch-TAICANG ZHILIN Hydraulic Machinery Co., Ltd. -has been built in TAICANG city, JIANGSU province, China. With professional technology, superb technology, in 2016 won the weii-known Japanese brand OEM certification. Proforming as the Asian targeting the Asian R & D base, TAICANG ZHILIN Hydraulic Machinery Co., Ltd. takes high quality of products as commitment, and always carries on the sincere, scrupulous and professional service tenet stepping towards the ideal of “innovation quality, integrity services”.



陈顺有

Chairman
董事长

标准型液压站 1.2.3.4回路

Standard Hydraulic Station, 1.2.3.4 Circuit

本系统在我司传统液压系统产品基础上通过节能方面的改进，与标准液压泵站相比节能约40%，具有高效率低发热特点，特别在液压系统保压时泵和电机效率高、发热低，实现主机高精度。

通过电机与变量叶片泵一体化设计及合理布局，使安装空间达到最小。可根据客户需求不同提供1-4回路的选择，并可加装液位温度开关，压力开关。

This system carries out the energy conservation improvement on the basis of our traditional hydraulic system products. Compares to the standard hydraulic pump station, its energy saving is about 40%. This system possess the characteristics of high efficiency low fever, especially during the pressure maintaining, the pump and motor operate in higher efficiency but generate lower heat, which implements the high precision operation of the host.

It minimizes the installation space by integrated design and reasonable layout of motor and the variable vane pump. According to the different needs of customers, we can provide circuit scheme from 1 to 4, and the liquid level temperature switch and pressure switch also can be mounted.



定制液压系统
震压平台
润滑系统

Customized Hydraulic System
Shock Compression Platform
Lubrication System

本系统为震动平台润滑系统，可在震动平台与底座之间通过高压撑起一层5~10mm的油膜保护平台不被磨损。

系统配有液位、温度侦测报警功能，并可自动平衡主油箱和副油箱的油量！

Lubrication system can hold up a 5 ~ 10 mm layer of oil film through high pressure between the vibration platform and the base, protecting the platform from abrasion.

This system is equipped with liquid level and temperature detection alerters, and can automatically balance the amount of oil between the main tank and drop tank!



CH141119

定制液压系统 港口集装箱 翻转机液压 系统

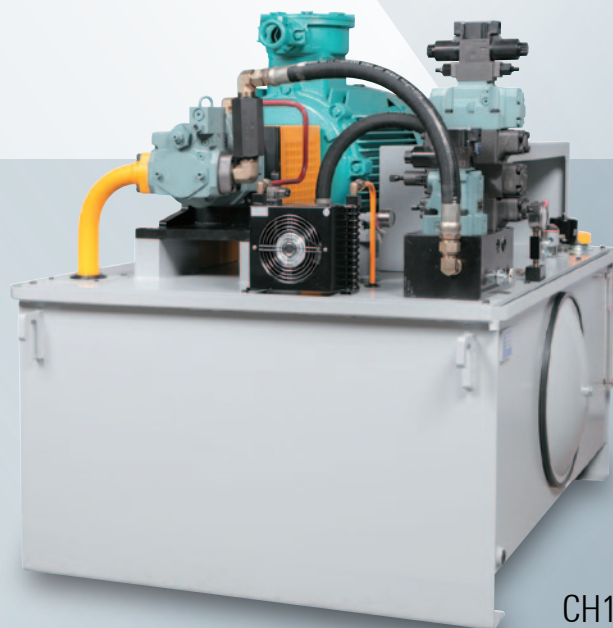
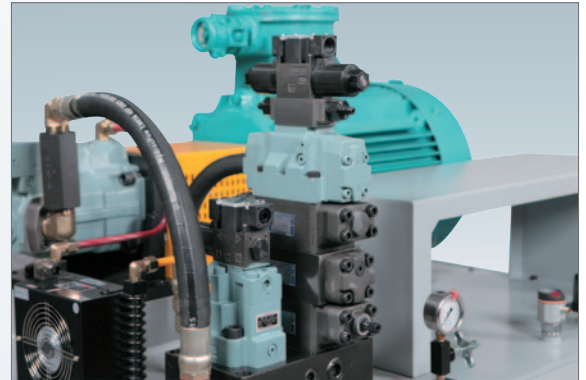
Customized Hydraulic System Port Container Tipper Hydraulic System

本系统搭配两只 $\phi 220 \times 3718$ 油缸，单只油缸顶出力87吨，可在240 sec内将集装箱完成 $0 \sim 70^\circ$ 翻转，采用同步阀后两支油缸同步精度在 $\pm 3\%$ 之内。

并设有急停保护，若突然停电或管路爆裂发生，油缸会自动保压，然后通过手动释放装置使集装箱缓慢下降到安全位置，最大限度保证工作人员的安全！

This system is equipped with two $\phi 220 \times 3718$ oil cylinder, the ejecting force of single cylinder is 87 tons which can rotate the container a 70° within 240 sec. Adopted with synchronous valve, it can ensure the synchronization accuracy of two oil cylinders within $\pm 3\%$.

With scram protection, oil cylinder can automatically proceeds pressure maintaining when a sudden power failure or pipe burst occurred. Then use the manul releaser to drop the container slowly to the safe position. The safety of staff can be guaranteed.



CH151008

定制液压系统 数控滚齿机 液压系统

Customized Hydraulic System CNC Gear Hobbing Machine Hydraulic System

本系统为数控滚齿机用液压系统，通过蓄能器作为辅助动力，可带动6工位同时动作，并可降低系统回路中的压力波动。

并配有高压过滤器和回油过滤器保护油压元件不被杂质损坏，最大限度延长元件的使用寿命！

This system of CNC gear hobbing machine hydraulic system uses the accumulator as the auxiliary power, can lead 6 stations at the same time, and can reduce the pressure fluctuations in the system circuit.

With high pressure filter and oil filter, protecting the hydraulic element from impurities damage. The service life of components is extended.



CH140805

定制液压系统 卧式加工中心 液压系统

Customized Hydraulic System

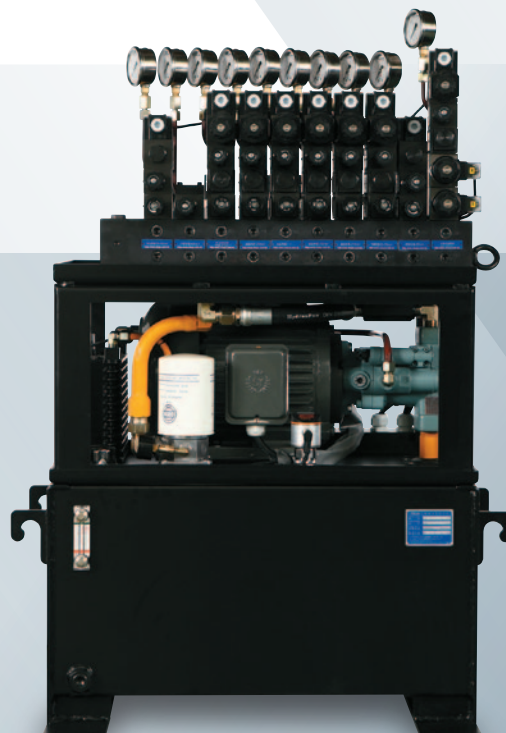
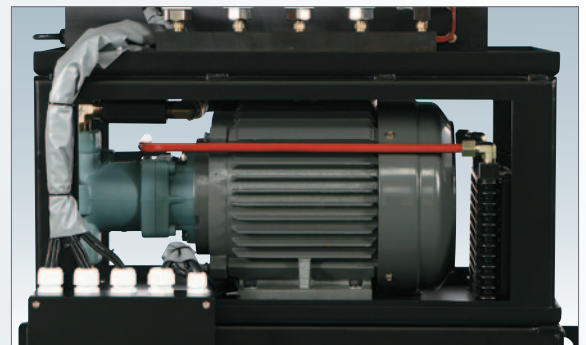
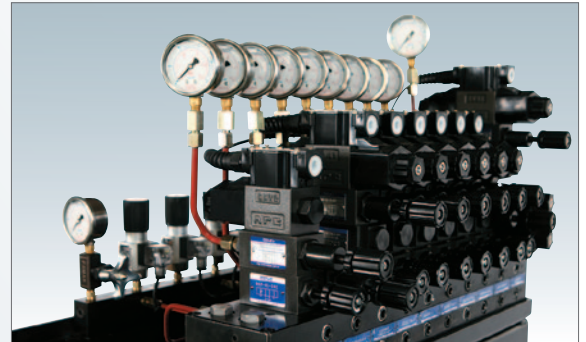
Hydraulic System of Horizontal Machining Center

本系统采用双层设计，底层为电机等动力元件，上层为控制阀组等控制元件，紧凑的布局，最大限度的利用空间，节省客户的安装空间。

并采用高效能电机+叶片泵组合，仅在2.2kw的动力下便可提供24L/min的流量和80kg/cm²的压力。

This system adopts the design of double-deck. The power components (motors, etc.) locate in the bottom, while the control components (control valve group, etc.) locate in the top. This compact layout takes full use of space, saving the installation space for clients.

Adopting the combination of highly efficient motor & vane pump, which can provide 24 l/min flow and 80 kg/cm squared pressure under the power of 2.2 kw.



CH150107

定制液压系统 加工中心用 增压系统

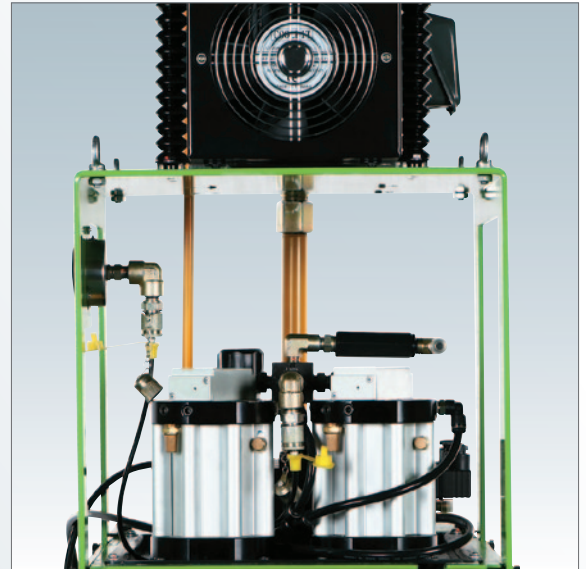
Customized Hydraulic System Machining Center with The Pressurization System

本系统采用双层设计，底层为高压气动泵浦和压力开关，上层为低压油压泵浦和冷却系统。

油压系统提供50kg/cm²压力供机台使用，当需要高压时则启动高压气动泵浦在3 sec内达到400kg/cm²的高压。

This system adopts the design of double-deck. The high pressure pneumatic pump and pressure switch locate in the bottom, while the low pressure oil pump and cooling system locate in the top.

The hydraulic system provides 50 kg/cm squared pressure for the use of the machine. When high pressure is needed, the high pressure pneumatic pump can provide 400 kg/cm squared pressure within 3 sec.



CH140904

定制液压系统 压力开关 测试机

Customized Hydraulic System Pressure Switch Testing Machine

本系统为测试压力开关所研发的测试系统，采用高效率齿轮泵，仅依靠1.5kw的动力便可将压力在0~270kg/cm²范围内任意调节，测试各种压力段下压力开关的稳定性。

本系统设有自动和手动模式，在自动模式下可设置时间自动测试，若压力开关出现异常则自动报警！

This system is developed for the pressure switch test, which adoptsing efficient gear pump. It makes possible to adjust pressure within 0 ~ 270 kg/ cm² while only 1.5 kw of power is needed, and the stability test of pressure switch can be taking under various pressure sections.

The system is equipped with automatic and manual mode. The automatic test can be set up under automatic mode, providing automatic alert when pressure switch acts in abnormal condition.



CH150125

定制液压系统 工程液压夹具 液压系统

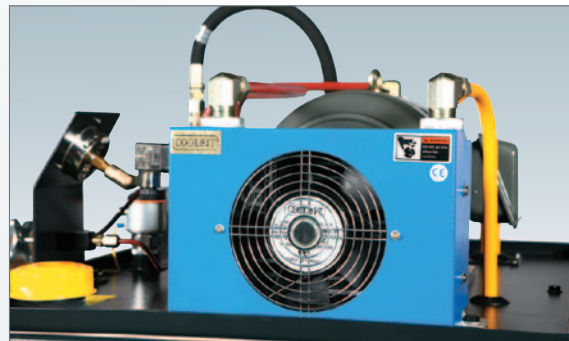
Customized Hydraulic System Hydraulic System for Engineering Hydraulic Fixture

本系统为自动化焊接设备用液压系统，采用高精度电磁阀通过控制两套外置控制组实现油缸两两同步，在不加同步阀的情况下可将同步误差控制在 $\pm 10\%$ 之内。

并在每一路都配有压力开关，在出现突发状况下立刻发出警报使整个机台停止动作！

This hydraulic system works for the automatic welding equipment. High precision electromagnetic valve controlling two outer control unit to make sure cylinders work synchronously. In the case of without synchronization valve, it can maintain the synchronization error within $\pm 10\%$.

Pressure switch is set up in every circuit, providing immediately alarm in case of any emergency and stop the whole machine!



CH150428

定制液压系统 卧式镗铣床 变频液压 系统

Customized Hydraulic System Horizontal Boring & Milling Machine Variable Frequency Hydraulic System

本系统为我司研发先进且节能的感应伺服马达液压系统，该系统节能效果达70%以上，并且系统压力可达120kg/cm²。

当主轴动作时可随所需的油量急速拉高转速并通过蓄能器作为辅助动力提供一部分流量，当压力值达到时伺服马达则以低速待转以达到最省电的效果！

This system is the advanced energy-saving inducting servo motor hydraulic system which is developed by our company. Its energy saving effect is more than 70%; And the system pressure can reach 120 kg/ cm².

When the main shaft takes action, the rotating speed is rapidly raising with oil consuming, and the accumulator, acting as auxiliary power, can provide part of the flow. When the pressure value is reached, the servo motor descends its speed to achieve the power saving effect!



CH140330

定制液压系统 数控车床 液压系统

Customized Hydraulic System CNC Lathe Hydraulic System

本系统为数控车床液压系统，布局紧凑，采用高效能电机+泵组合在保证温升和系统所需油量的前提下最大限度缩小了油箱体积，使液压系统外形更美观。
附带两组控制组以实现不同的动作需求。

CNC lathe hydraulic system's layout is compact. High performance motor & pump unit are adopted in guarantee to reduce fuel tank volume under the premise of oil temperature rising and oil require of the system, making the hydraulic system looks more beautiful.

With two sets of control group in order to realize the action of different needs.



CH151119

定制液压系统 销钉式冷喂料 挤出机液压 系统

Customized Hydraulic System Pin Type Cold Feed Extruder Hydraulic System

本系统为橡胶挤出机液压系统，采取传统/节能方式，工作中待机，以蓄能器持续保持工作压力，并搭配德国易福门高精度，高灵敏度压力开关，来取得工作压力的稳定性。

并考虑现场工作环境恶劣，搭配德国易福门液位温度传感器达到连接数位化自动化控制，减少现场人员检修的工作量；整体液压系统油温平均控制在50℃以内。

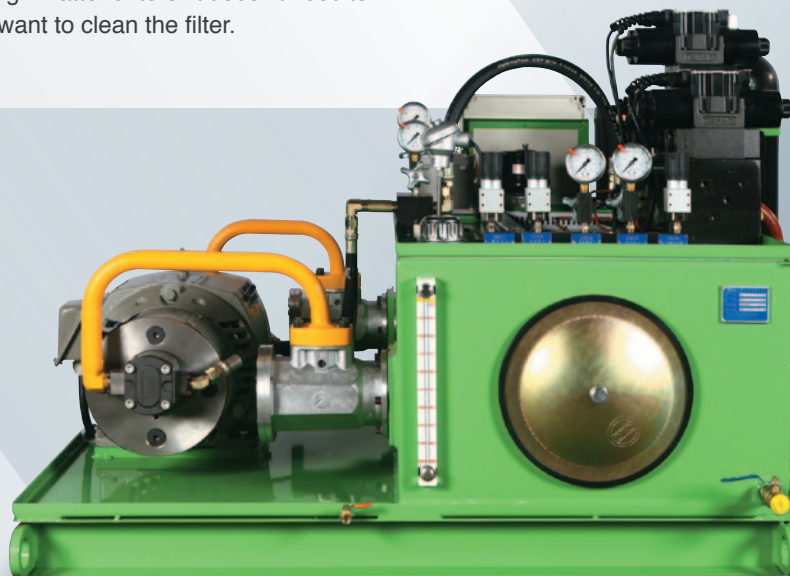
过滤系统采用箱外磁性过滤器，有效防止异物进入液压系统，在检修工作中如需清洁滤网，不需油箱泄油，可直接进行滤网清洁。



This system is rubber extrusion machine hydraulic system. It conducts traditional/energy saving pattern, and continues to work with accumulator pressure. Along with the IFM electronics' high accuracy & high sensitivity pressure switch, the working pressure remains stable.

And considering the poor working conditions, the system is equipped with IFM electronics' level temperature sensor connecting digital automation control to decrease the workload of field personnel; The overall average hydraulic system oil temperature keeps within 50 °C.

Filtering system adopts outside magnetic filter, protecting the hydraulic system from foreign matter enters. it doesn't need to empty the tank when you want to clean the filter.



CH141228

橡胶行业液压系统 270密炼机 液压系统

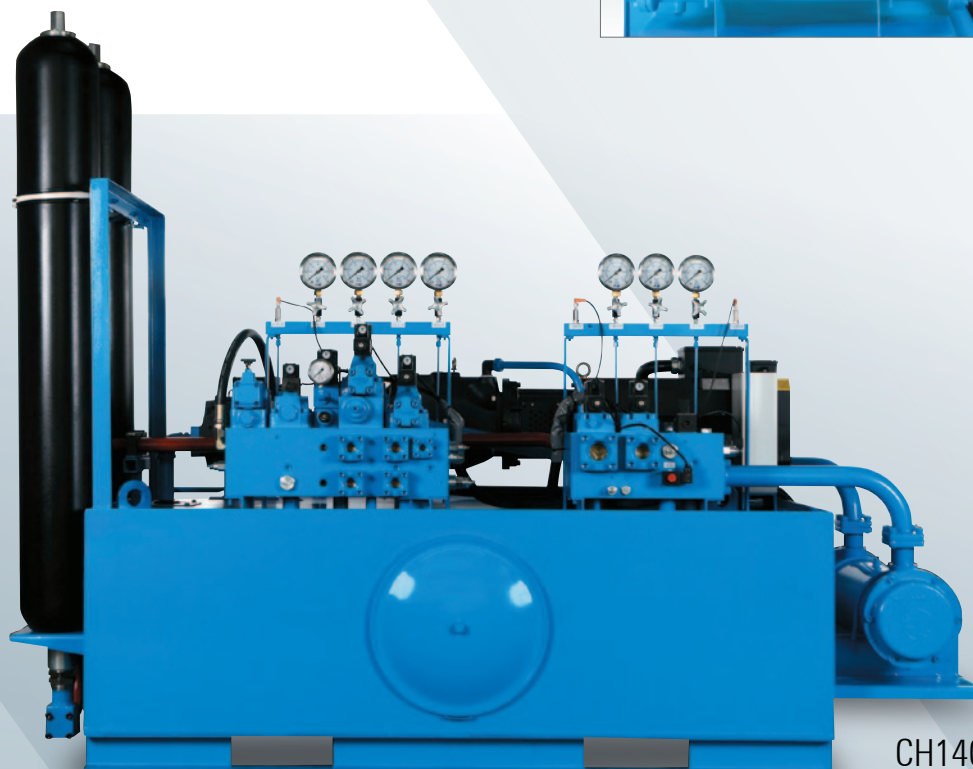
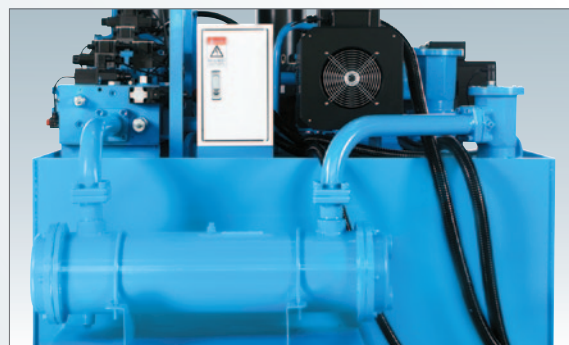
Hydraulic System of Rubber Industry 270 Mixer Hydraulic System

本系统为我司研发先进且节能的感应伺服马达液压系统，该系统节能效果达70%以上；并且系统压力最高可达 210kg/cm^2 ，所以油缸的缸径只需很小即可达到所需的工作动力需求，也可随所需的油量急速拉高转速。

当压力值达到时，靠蓄能器保压及补压，而伺服马达则以低速待转以达到最省电的效果！

This system is the advanced energy-saving inducting servo motor hydraulic system which developed by our company. Its energy saving effect is more than 70%; And the system pressure can reach 210 kg/ cm^2 . So the smaller cylinder diameter can also achieve the required power demand. The rotating speed is rapidly raising with oil consumption .

When the pressure value is reached, the accumulator can maintaining pressure or reinforce pressure. And the servo motor at low speed to turn in order to achieve the power saving effect!



CH140920

橡胶行业液压系统 高压润滑系统

Hydraulic System of Rubber Industry High Pressure Lubrication System

本系统为我司为搭配270密炼机液压系统所设计的高压润滑滑器，主要功能为当密炼时在主轴周围行成一层油膜，保护主轴防止主轴过度磨损。

This system is a high-pressure lubricator which is designed to match the 270 mixer hydraulic system by our company. The main function is to form a layer of oil film around the shaft while the mixer is working, protecting the shaft from excessive abrasion.



橡胶行业液压系统 轮胎硫化机 变频液压 系统

Hydraulic System of Rubber Industry Tyre Vulcanizing Machine Variable Frequency Hydraulic System

本系统为我司研发先进且节能的感应伺服马达液压系统，该系统节能效果达70%以上；并且系统压力最高可达210kg/cm²，所以油缸的缸径只需很小即可达到所需的工作动力需求，也可随所需的油量急速拉高转速。

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This system is the advanced energy-saving inducting servo motor hydraulic system which developed by our company. Its energy saving effect is more than 70%; And the system pressure can reach 210 kg/ cm². So the smaller cylinder diameter can also achieve the required power demand. The rotating speed is rapidly raising with oil consumption.

When pressure is arrived, servo motor with low speed to turn, achieve the most energy saving effect.



CH151020

代理销售及
OEM生产

Agent Sales and OEM

NACHI 不二越

我司代理销售不二越的所有产品，针对常规的型号，我司具有充足的安全库存量，可达成即时调度发货的优势，可避免交期过长，影响客户生产进度。另我司更以专业的技术，缔造高端的品质，为不二越提供液压系统OEM生产的服务。我司将以更积极更热忱的服务态度，秉持着专业及高质量之要求，提供客户更满意的服务。

Our company agents all NACHI products' selling. For the general models, we have enough safety stock. We have the advantage of real-time scheduling delivery. Our company can avoid the delay of delivery date, so as not to affect the customer production schedule. Our company also provides OEM service of NACHI's hydraulic system in professional technology and high quality. We will take a more positive and a more enthusiasm service attitude to provide customers a more satisfying service.



YUKEN 油研

我司专业代理销售油研的产品，不仅具有充足库存的优势，更以专业的技术支援提供客户技术上的支援，不仅可解决客户使用上对液压选型的不便与困扰，亦可更快速的提供客户所需的产品及服务。

Our company agents YUKEN products' selling. We are not only have the advantage of sufficient inventory, but also provide customer with professional technical support. Not only can solve the customers' inconvenience and confusion of hydraulic selection, but also can quickly provide products and services needed by customers.



IFM 德国易福门

我司代理销售德国易福门的产品，传感器、压力开关、液位开关、流量计等。库存量丰富，针对产品的选型、应用具备一定的专业水平，并适时的提供客户技术上的支持，大大的解决客户选型运用的困扰！更以市场上的优势提供广大客户们的服务。

Our company agents IFM products' selling, such as pressure switch, level switches, sensors, flow meter, etc. Our inventory is rich. We possess certain professional experiences in both product selection and application. We can timely provide customers technical support, solving the customer's confusion in selection of use!



TAISEI 大生

我司代理销售日本大生注油器·过滤器·插入式水冷却器等多项产品。除了提供各种辅件选型服务·针对客户使用水冷却器的需求和习惯·要求及条件·进行更精确的计算·完完全全的满足客户的需求！以提供客户更专业更满意的服务。

Our company agents TAISEI products' selling, such as lubricator, filter, plug-in the water cooler, etc. In addition to providing all kinds of accessory selection service, we conduct accurate calculation for customers' needs and habits of using the water cooler. Completely satisfied customers' demands! Providing more satisfactory service.



JUN CHUNG SHING 骏全兴

由台湾骏全兴专业开发的压力开关、液位开关、磨床阀组，在磨床设备领域中，不但在专业技术上有精湛的表现，更具备了在传统元件上具优势的反馈及运用能力！我司除代理销售该系列产品，另以更高的品质提供磨床系统OEM生产之服务；我司亦提供磨床设备客户OEM生产服务，欢迎咨询！

In the field of the grinding machine equipment, the pressure switch valve group, liquid level switch and grinding machine developed by Taiwan JUN CHUNG SHING, not only have excellent performance in professional technique, but also possess more advantages of feedback and the applying ability in traditional element! In addition to selling this series of products, our company provides higher quality of grinding system OEM services. We also provide grinding machine equipment customer OEM services. Welcome to consult!



CHUYA
HYDRAULIC MACHINE

台湾

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