



SHANDONG XINGTIAN MACHINERY CO LTD



ENTERPRISE INTRODUCTION



- Our company is a high-tech enterprise specializing in producing hydraulic cylinders.
- Founded in 2000, more than 26 years experience
- 65,000 square meters, 350 employees
- 10 producing lines, our big cylinder production capacity 200pcs per day, small cylinder 2000pcs per day
- 20% domestic market share of agricultural machinery cylinder
- Main products: Hydraulic cylinders and system for dump truck, agricultural equipment, sanitation vehicles and some other special equipment
- Main customers NORINCO GROUP, AVIC, FAW, CNHTC, FOTON, Shaanxi Auto, ZOOMLION, SUNWARD, SINOBOOM, BROCK, GREAT WALL, WEICHAI LOVOL, etc.
- Export to more than 40 countries: USA, Canada, Germany, Italy, Russia, Mexico, Australia, Korea, Saudi Arabia, etc.
- 41 Patents including the invention patent.





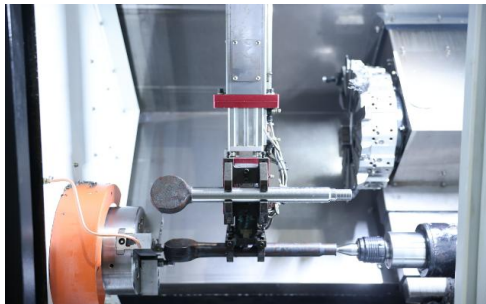
raw material heat treatment



our own electroplating workshop



automatic production line



CNC lathe



Robot production line



ultrasonic cleaners



Dust-free Installation Workshop



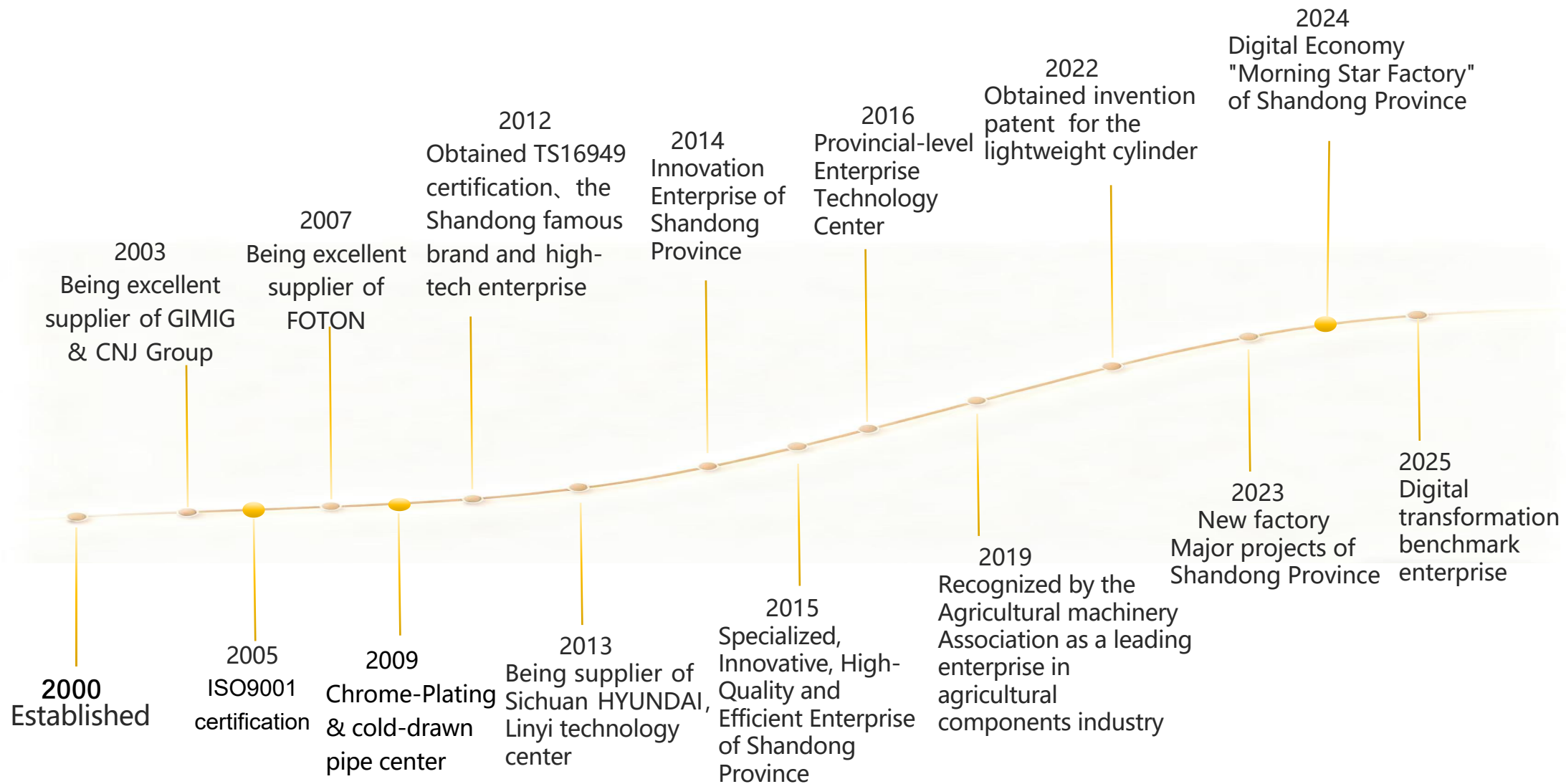
automatic workshop



automatic testing machine



automatic testing machine





Based on the strugglers, build a century enterprise, to be the leader of Chinese hydraulic cylinder industry





- 🚩 Famous brand of Shandong Province
- 🚩 High-tech enterprises of Shandong Province
- 🚩 Shandong Province Specialized, Refined, Distinctive, and Innovative Enterprise
- 🚩 Shandong Province certified enterprise technology center
- 🚩 One Enterprise, one technology innovation enterprise in Shandong Province
- 🚩 Second prize of Shandong Province mechanical industry science and technology progress award
- 🚩 Leading enterprises of Chinese agricultural machinery parts
- 🚩 Member of China Association of Agricultural Machinery Manufacturers
- 🚩 Linyi City high-end engineering technology research center
- 🚩 IATF16949 &SGS certification, CE certification
- 🚩 40 patents, including Lightweight front end hydraulic cylinder invention patent
- 🚩 Excellent supplier of WEICHAI, FOTON, DAYUN, FAW, BROCK, NANJUN, etc.





- Dump truck hydraulic cylinder
- Sanitation vehicle hydraulic cylinder
- Agricultural equipment hydraulic cylinder
- Engineering hydraulic cylinder
- Aerial platform hydraulic cylinder
- Various applications hydraulic cylinder

We could design and produce the special cylinder according to customer's request.



Dump truck hydraulic cylinder



Each Stage Dia (mm):

- 240/214/191/169/149/129/110/91/72/55
- 278/248/221/196/172/150/129/110/91/72/55
- 226/202/179/157/137/118/99/80/63
- 160/140/120/100/80



Hydraulic System



Tipping valve



Air control



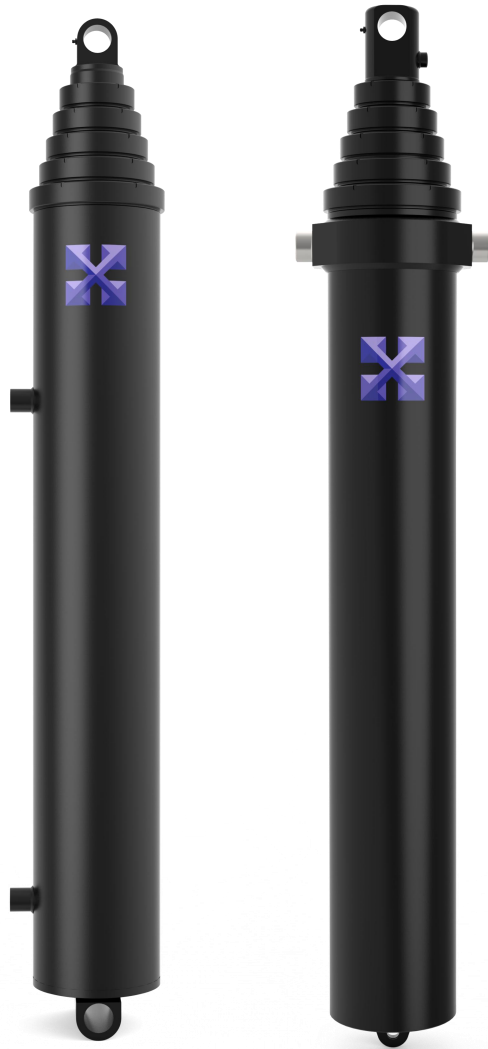
Knock off valve



Hydraulic tank

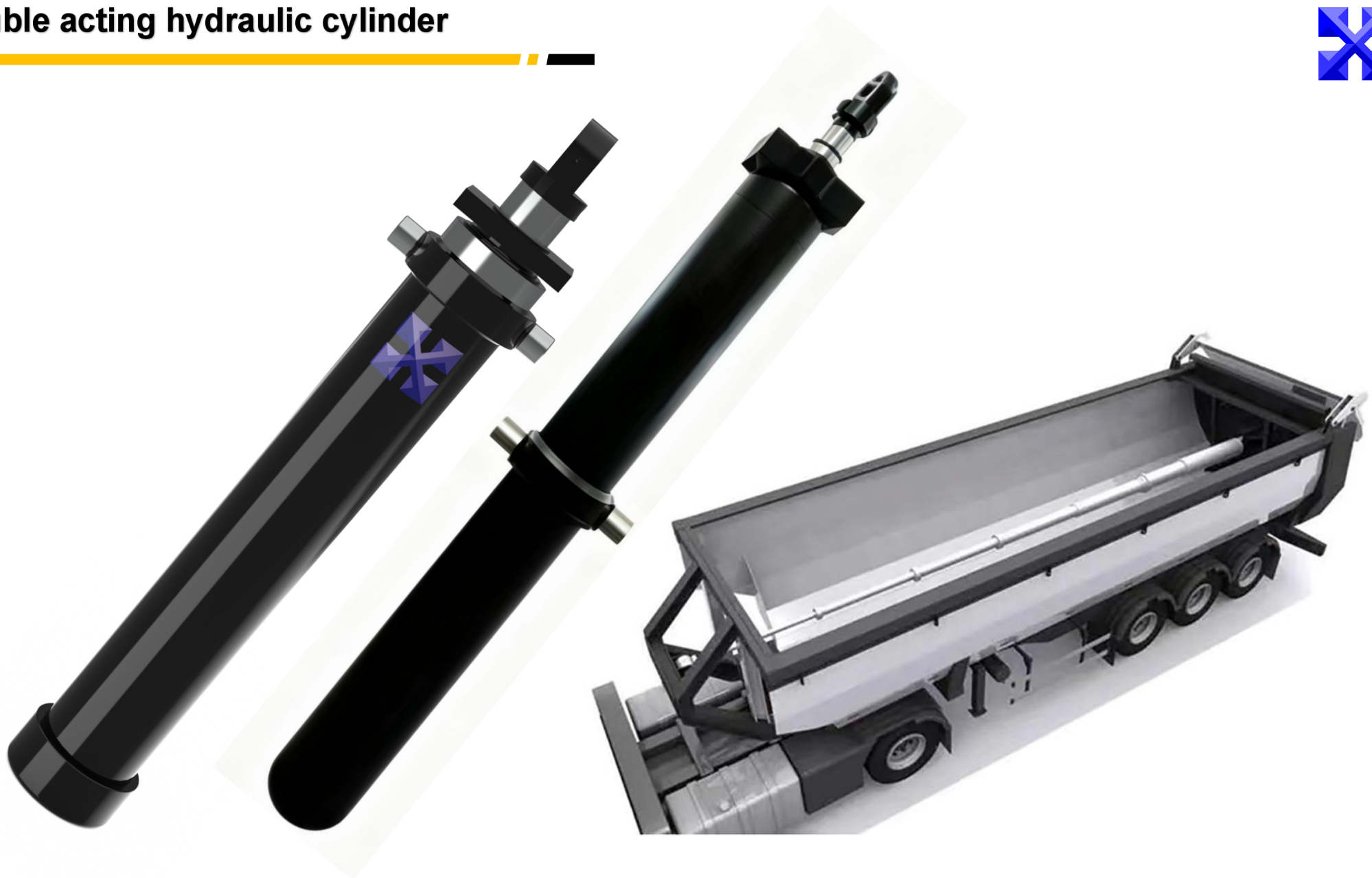


Gear pump



- Dia: 9.375"/8.125"/7"/6"/5"/4"/3"
- Max pressure: 3000Psi

Double acting hydraulic cylinder



- Each stage dia:8.625"/7.5"/6.5"/5.5"/4.5"/3.5"
- 250/220/190/160/130/100mm

Small telescopic hydraulic cylinder



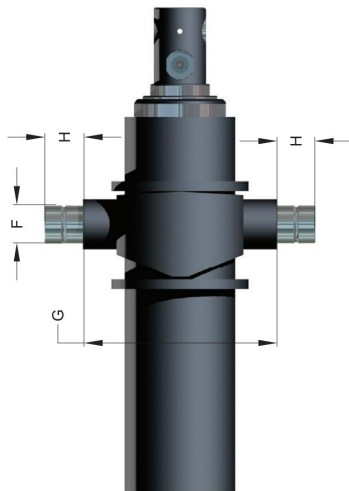
It is a multi-stage hydraulic cylinder that can be used for rear-unloading dump truck, side-unloading dump truck, three-way dump truck, it can also be used for agricultural trailers, meet 3tons~60tons of lifting requirements.



- 160/140/120/105/90/75/60/45/30
- 221/196/172/150/129/110/91/72/55



HTC hydraulic cylinder



7 TONS INVERSE													
PART No.	STROKE	A	B	C	D	E	F	G	H	L	PORTS	WEIGHT [Lbs]	VOLUME [Gal.]
HTC-07833	78"	35.5"	3.75"	2"	1.063"	3.0"	1.25"	6.5"	1.25"	7"	SAE #8 (3/4-16UNF)	68	1.6
HTC-09033	90"	39.5"	3.75"	2"	1.063"	3.0"	1.25"	6.5"	1.25"	7"		75	1.8
HTC-10833	108"	45"	3.75"	2"	1.063"	3.0"	1.25"	6.5"	1.25"	7"		101	2.2
12 TONS INVERSE													
HTC-07843	78"	34.75"	4.4"	2"	1.063"	3.0"	1.5"	7.5"	1.5"	7"	SAE #8 (3/4-16UNF)	106	2.5
HTC-09043	90"	38.75"	4.4"	2"	1.063"	3.0"	1.5"	7.5"	1.5"	7"		107	2.8
HTC-10843	108"	44.75"	4.4"	2"	1.063"	3.0"	1.5"	7.5"	1.5"	7"		132	2.4
HTC-12043	120"	48.75"	4.4"	2"	1.063"	3.0"	1.5"	7.5"	1.5"	7"		143	3.8

Sanitation vehicle hydraulic cylinder



We could produce different cylinders for garbage truck, like compactor truck used tipping cylinders, push shovel cylinders, locking cylinders, slide plate cylinders, scraper cylinders, and bucket tilting cylinders.



Large arm hook hydraulic cylinder



Hooklift cylinders include main boom cylinders, telescopic cylinders, arm locking cylinders, box lock cylinders and rear support cylinders. We could produce 30 tons hooklift cylinders.

- Tube ID: 40~200mm
- Rod OD: 20~120mm
- Stroke: 150~2000mm
- Capacity: 3-30tons



Aerial platform hydraulic cylinder



The piston rod of this cylinder is made of high-strength alloy steel, which is heat treated and has high strength.

The seals are imported from Sweden Trelleborg, Japan NOK with good sealing performance to ensure the safety of operators.

- Tube ID: 40~160mm
- Rod OD: 20~140mm
- Stroke: 150~2000mm



Single acting piston hydraulic cylinder



This cylinder is available in different series such as 125, 140, 160, 180, 200, 220, etc, which could meet the requirements of different vehicle models.



140 系列活塞式液压缸主要技术参数 Main technical parameters of the 140 piston hydraulic cylinder						
液压缸编号	额定工作压力 (Mpa)	缸径 (mm)	行程 (mm)	活塞杆直径 (mm)	安装距 (mm)	铰轴长度 (mm)
HG-E140X461-00	16	140	461	70	743	383
HG-E140X520-00	16	140	520	70	795	383
HG-E140X560-00	16	140	560	70	795	634
HG-E140X660-00	16	140	660	70	910	638

220 系列活塞式液压缸主要技术参数 Main technical parameters of the 220 piston hydraulic cylinder						
液压缸编号	额定工作压力 (Mpa)	缸径 (mm)	行程 (mm)	活塞杆直径 (mm)	安装距 (mm)	铰轴长度 (mm)
HG-E220X550-00	16	220	550	100	844	495
HG-E220X730-00	16	220	730	100	1065	495
HG-E220X860-00	16	220	860	100	1147	495
HG-E220X910-00	16	220	910	100	1204	495
HG-E220X1060-00	16	220	1060	100	1354	495
HG-E220X1210-00	20	220	1210	100	1504	495





Compact structural design, high-strength material use, special heat treatment and welding processes ensure the cylinder has extremely high fatigue durability under high pressure and heavy load. We could provide different surface treatment solutions such as Ni/Cr plating, laser cladding, QPQ, etc





Our truck crane cylinder has reliable quality, long life and fast working speed.

It can support the crane from 2 tons to 20 tons, widely used in stations, warehouses, docks, construction sites, field rescue and other places.



Agricultural equipment hydraulic cylinder



Our agricultural equipment hydraulic cylinders including steering cylinders, speed regulating cylinders, clutch cylinders, grain unloading cylinders, etc.

According to the requirements of different working conditions, our materials, chrome-plated, and the reasonable sealing structure fully meets the customers' various requirements.



Lifting platform hydraulic cylinder



Hydraulic lifting platform is an auxiliary equipment for vehicles without self-unloading function. In order to realize fast unloading and transshipment and reduce labor waste, it is widely used in special equipment for unloading various bulk materials, such as grain, coal, etc. Our cylinders can meet the lifting requirements of hydraulic platform ranging from 40 tons to 150 tons.





The coal monorail crane is a kind of underground transportation equipment. Its walking, material lifting, transportation, loading and unloading is operated by personnel control. Our brake cylinder can ensure that the crane stop quickly in case of emergency to ensure safety. The clamping cylinder mainly ensures that the pulley works in the track when the crane is running.



Hydraulic cylinders for various applications



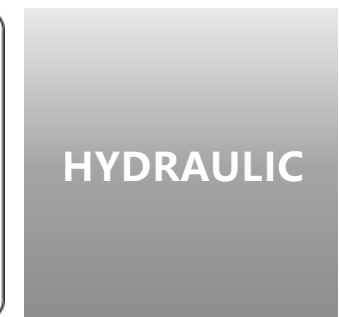
We have senior design team to accept different used hydraulic cylinder customization. All of the details could similar as actual equipment parameter to match metallurgical equipment, water conservancy gates and other heavy machinery, satisfy different working conditions. Provide technical support from design, producing, assembly to adjustment. After-sales team responds 24 hours per day.





- ✦ **Product Research advantage**
- ✦ **Wide application advantage**
- ✦ **Material advantage**
- ✦ **Product Testing advantage**
- ✦ **Chrome Plating advantage**
- ✦ **Brand advantage**

**WHY
CHOOSE
XINGTIAN**



1.Product Research advantage



We're cooperating with the College of Mechanical Engineering of Shandong University

Total 31 professional technical R & D personnel

Obtained 41 patents of invention and practical technology



2.Wide application advantage



Over the years, our research team has been dedicated to the field of hydraulic cylinders. We have poured this dedication into every breakthrough and innovation, from agricultural machinery to logistics transportation, to construction machinery, and now we can design and customize hydraulic cylinders according to the special requirements of customers.



3.Material advantage



Material suppliers are all domestic first-class material factory.

All of the tubes heat treated.

We use the famous brand seals from British or Italian. The temperature from minus 40 to 100 degrees.



4. Product Testing advantage



We have passed IATF16949,SGS quality management system certification.

We also have strict quality control system from the raw materials to the finished products.

We do 100% test to guarantee all of the products are good quality before delivery.



5. Chrome plating advantage



We have our own standard electroplating processing factory to ensure the quality of chrome-plating.

All of our tubes are chromplated, regular thickness is 0.015~0.025mm, 0.03~0.05mm, the maximum could reach 0.1mm.

We also could do nitriding treatment according to different customers' request.



6. Brand advantage



We supply the cylinders to NORINCO GROUP, SANY,ZOOMLION,CNHTC, FAW, FOTON,GREAT WALL,BROCK,etc, and export to more than 40 countries like USA, Canada, Mexico, Australia, Russia,Germany, Korea, Italy, Saudi Arabia and so on.



Concentrate, excellent quality, customer first

***YOUR TRUST
XINGTIAN CYLINDER***

 ***Thanks***

