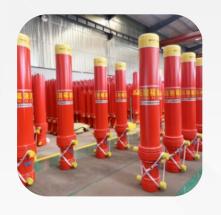




# product introduction











hydraulic cylinder

hydraulic tank

hydraulic pump

hydraulic valve

Power take off





Front-end FC/FE Telescopic Hydraulic cylinder for dump truck







### **Product Advantage:**

#### 1. Safer

Junfu hydraulic cylinder adopts excellent structural design and new material application, which can withstand the harshest working conditions and continue to work stably without disconnection, ensuring the safety of drivers and vehicles, and creating the most valuable safety for users.

#### 2. Faster unloading

Junfu series oil cylinder adopts excellent structural design to improve the unloading speed of the oil cylinder!

#### 3. Higher lift frequency

junfu series oil cylinders are suitable for all-weather short barge and high-frequency operations, with stable performance, extremely low failure rate, increasing the number of transfers and reducing downtime!

### 4. Greater adaptability to the environment

junfu series oil cylinder adopts innovative sealing technology and new material application, which can adapt to the temperature range of -  $40 \sim 110$  °C, and can achieve excellent performance in high temperature and low temperature environment operation!

#### 5. Lighter

Compared with other products of the same series, Junfu series cylinders reduce the dead weight by  $15\% \sim 20\%$ , and increase the lifting force by  $10\% \sim 15\%$ !

### 6. Greater lifting force

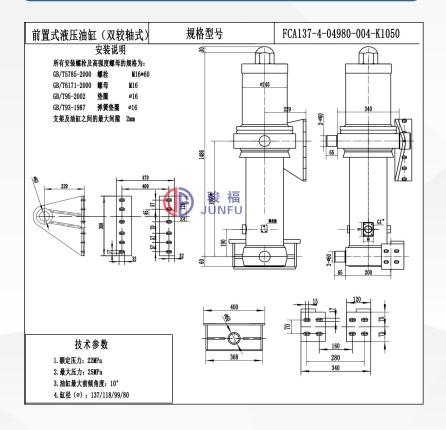
Compared with other products of the same series, the lifting force of junfu series cylinders is increased by  $10\% \sim 15\%$ . More lift, more load, more profit! Lighter dead weight, greater lifting force, more lightness!





### Well quality management system

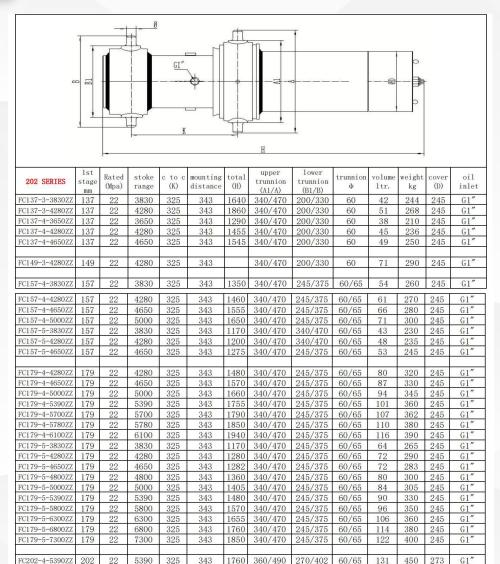
We will issue the technical drawing for customer according to request to confirm



Every piece of hydraulic cylinder will be tested before delivery

- 1. Trial Operation Test
- 2. Start-up Pressure Test
- 3. Pressure-Tight Test
- 4. Leak Test
- 5. Full Stroke Test
- 6. Buffer Test
- 7. Testing the Effect of Limit
- 8. Load Efficiency Test
- 9. Reliability Test

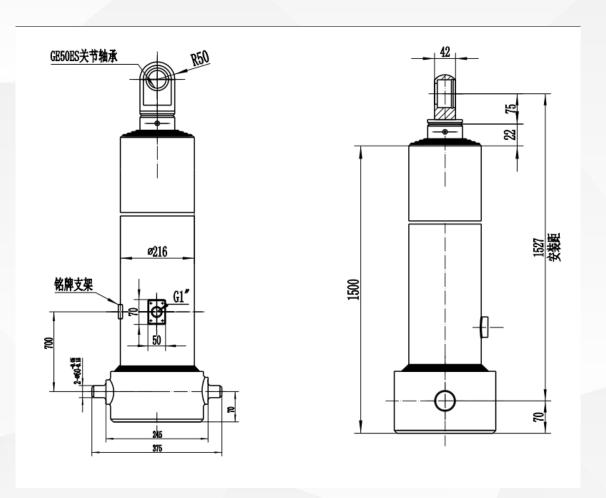




FC202-4-6100ZZ	202	22	6100	325	343	1935	360/490	270/402	60/65	148	479	273	G1"
FC202-5-6500ZZ	202	22	6500	325	343	1705	360/490	270/402	60/65	140	450	273	G1"
FC202-5-6800ZZ	202	22	6800	325	343	1765	360/490	270/402	60/65	148	465	273	G1"
FC202-5-7300ZZ	202	22	7300	325	343	1860	360/490	270/402	60/65	159	490	273	G1"
FC202-5-7800ZZ	202	22	7800	325	343	1940	360/490	270/402	60/65	170	510	273	G1"
FC202-6-4300ZZ	202	22	4300	325	343	1120	360/490	270/402	65	84	320	273	G1"
FC202-6-6000ZZ	202	22	6000	325	343	1410	360/490	270/402	65	117	400	273	G1"
FC202-6-6500ZZ	202	22	6500	325	343	1480	360/490	270/402	65	127	420	273	G1"
FC202-6-6800ZZ	202	22	6800	325	343	1535	360/490	270/402	65	133	430	273	G1"
FC202-6-7000ZZ	202	22	7000	325	343	1570	360/490	270/402	65	137	440	273	G1"
FC202-6-7500ZZ	202	22	7500	325	343	1660	360/490	270/402	65	147	470	273	G1"
											<u> </u>		
191 SERIES													
FC129-3-3220ZZ	129	22	3220	325	343	1387	280/410	200/330	60	39	191	219	G1"
FC129-3-3650ZZ	129	22	3650	325	343	1535	280/410	200/330	60	44	208	219	G1"
FC129-4-3480ZZ	129	22	3650	325	343	1218	280/410	200/330	60	34	178	219	G1"
FC191-5-5780ZZ	191	22	5780	325	343	1530	360/490	270/402	60/65	112	375	273	G1"
FC191-5-6180ZZ	191	22	6180	325	343	1615	360/490	270/402	60/65	120	390	273	G1"
FC191-5-6500ZZ	191	22	6500	325	343	1670	360/490	270/402	60/65	126	410	273	G1"
FC191-5-6800ZZ	191	22	6800	325	343	1735	360/490	270/402	60/65	132	438	273	G1"
FC191-5-7300ZZ	191	22	7300	325	343	1835	360/490	270/402	60/65	142	458	273	G1"
FC191-4-5780ZZ	191	22	5780	325	343	1835	360/490	270/402	60/65	125	418	273	G1"
FC191-4-6100ZZ	191	22	6100	325	343	1955	360/490	270/402	60/65	132	470	273	G1"
240 SERIES													
FC214-5-6500ZZ	214	20	6500	325	343	1740	360/490	270/402	65	163	490	273	G1"
FC214-5-7300ZZ	214	20	7300	325	343	1900	360/490	270/402	65	180	530	273	G1"
FC214-5-7800ZZ	214	20	7800	468	486	1994	360/490	270/402	65	195	560	273	G1"
FC214-5-8130ZZ	214	20	8130	468	486	2060	360/490	270/402	65	203	570	273	G1"
FC214-5-9030ZZ	214	20	9030	468	486	2270	360/490	270/402	65	226	640	273	G1"
FC214-7-4800ZZ	214	20	4800	468	486	1055	360/490	270/402	65	98	340	273	G1"
FC214-7-7600ZZ	214	20	7600	468	486	1455	360/490	270/402	65	153	450	273	G1"
FC214-8-5200ZZ	214	20	5200	325	343	1000	360/490	270/402	65	100	320	273	G1"
FC214-6-5200ZZ	214	20	5200	323	343	1000	360/490	270/402	60		320	213	GI
FC240-5-7300ZZ	240	20	7300	468	486	1890	420/560	342/455	75		680	322	G1"
FC240-5-7300ZZ FC240-5-8130ZZ	240	20	8130	468	486	2060	420/560	342/455	75	<u> </u>	750	322	G1"
FC240-5-8130ZZ FC240-5-9030ZZ	240	20	9030	468	486	2270	420/560	342/455	75		820	322	G1"
FC240-4-6180ZZ	240	20	6180	325	343	1990	420/560	342/455	75	220	694	322	G1"
FC240-4-6180ZZ	240	20	6180	325	343	1990	420/560	342/455	75	220	694	322	GI
FE179-4-6400-EZ	179	22	6400	190		2035		245/375	60	120	304		G1"
72.775 4 0400 EZ	113	22	0400	130		2000		240/310	00	120	304	l.	01
inverted c	vlin	dor											
3TG129-3260	129	22	3260		790	1495	235/320	350/495	50	34	150		M22x1. 5-7H
3TG129-3650	129	22	3650		790	1495	235/320	000/495	90	34	150		m22X1. 0-7H
5TG149-4270	149	22	4270	325	790	1216	94E /97E	130/	60				M22x1. 5-7H
CONTRACTOR LANGE CONTRACTOR				320	473		245/375	130/		F.4	170		M22x1. 5-7H 1"BSP
6TG169-4420	169	22	4420		4/3	1162	245/375		60	54	172	L	1 B2L
auxiliary	cyli	nder											
4TG149-3800-EE	149	16	3800	1320							165		M27x2









Almost all the HYVA
FE type is no problem,
Customization is also
available



# Hydraulic oil tank

### Customized color, size, label, nameplate, package for you to choose from











# Hydraulic oil tank



### **Product Feature:**

- 1. Top mounted valve plate for easy maintenance
- 2. Integral oil level sight glass
- 3. Good anti-corrosion function. with 3 layer painting, strong and light, scratch resistant
- 4. strict test to guarantee there is no leakage, and no rust, grease, no fault.
- 5. Rational design or OEM according to the requirement of the client.



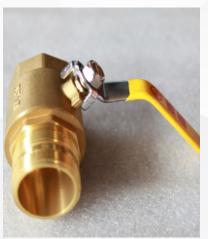
# Hydraulic oil tank

type	volume(L)	size(mm)	thickness (mm)
	80	280*500*600	2.0mm
	100	280*700*600	2.0mm
with strap	120	280*700*670	2.0mm
	160	280*700*850	2.0mm
	180-200	340x700x840	2.5mm
	160	350x550x800	2.0mm
with base			
	180-200	300*600*800	2.5mm







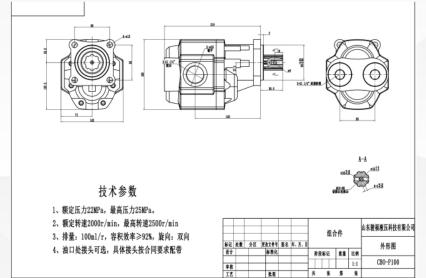




# Hydraulic Pump











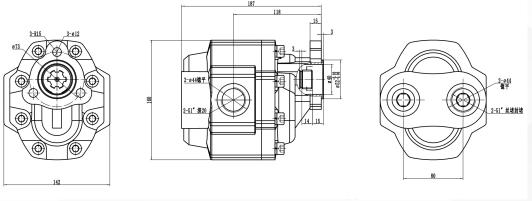
CBJF-P series gear oil pump, made of high-strength cast iron, has strong bearing capacity, high volumetric efficiency, high working pressure and long service life. It is an ideal power unit for the hydraulic system of main engines such as dump trucks

type	Displacem ent	Rated pressure (MPA)		Rotating speed (rpm)			Power (kw)	volumeri c	oil temperature °C	weight (kg)	
	(ML/r)	rated	max	min	rated	ma x	()	efficieny		( <del>11</del> 5)	
CBO- P80	80	20	25	80 0	2000	25 00	65.5			17	
CBO- P100	100	20	25	80 0	2000	25 00	84.61	≧92%	-20 to +80	18.5	



# Hydraulic Pump







3-hole gear pump for medium duty applications

Medium pressure (220 bar MWP)

Compact size for easy installation

Ideal for close coupled PTO mounting

Bronze trust plates for maximum durability

rotation is left, right or reversible



# Hydraulic Pump

This series of gear oil pumps are made of high-strength aluminum alloy with strong bearing capacity.

Patent technology,rational structure design, self-lubricating bearing,keep high volumeric efficiency.

Light weight, with the ability of resisting radial and axial force, long working life



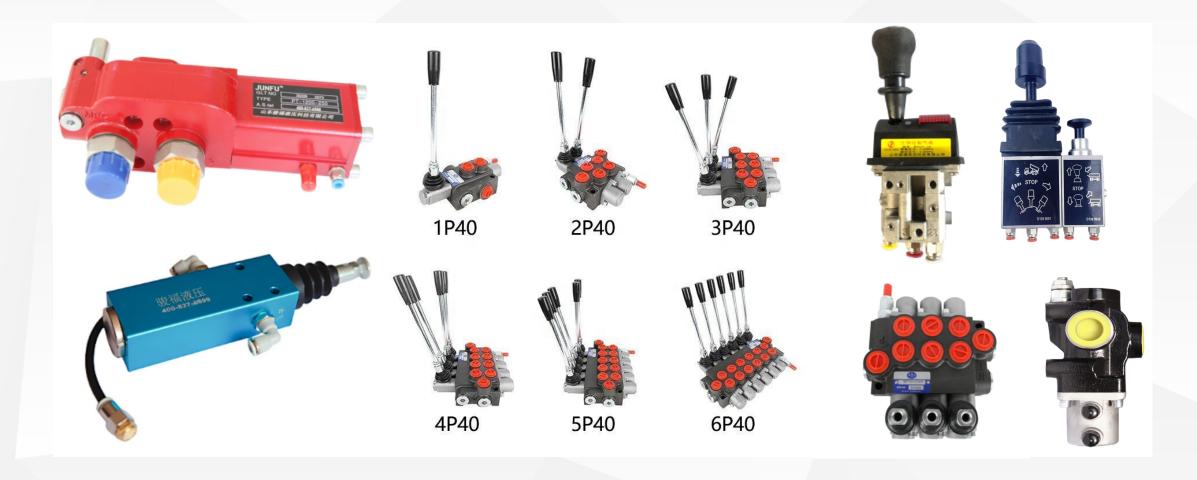




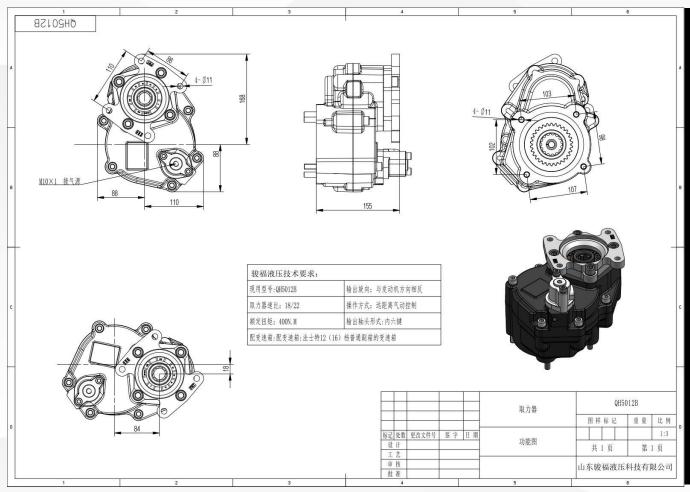
type	Displacement (ML/r)	Rated pressure (MPA)		Rotating speed (rpm)			volumeric efficieny	oil temperature	weight (kg)	oil inlet	oil outlet
		rated	max	min	rated	max	·	°C			
CBO-F100	100	20	25	800	2000	2500	≧92%	-20 to +80	9.1	G11/4	G1
CBO-F80	80	20	25	800	2000	2500			8.8	G11/4	G1
CBO-F63	63	20	25	800	2000	2500			8.5	G11/4	G1



# Hydraulic valve







### **Supported Series:**

- 1.FAST
- 2.SINOTRUCK
- 3. JIEFANG TRUCK
- 4. DONGFENG TRUCK
- 5.ZF TRANSMISSION
- 6. HYUNDAI
- 7. THE OTHERS AS THE
- **ATTACHMENT**
- 8. CUSTOMIZED ACCORDING
  TO REQUIREMENT















+30 years experience in hydraulic parts production, Junfu is famous brand in front-end cylinders, offering an extensive catalogue from 5 to 100 tons with bespoke solutions. Designed for rear-end tippers and tippers trailers, Junfu brand front-end telescopic cylinders are known for their durability, reliability in all conditions and value for money

Certified, Excellent quality management system and testing method make the product durable and stable. For now we have the certification like CE.SGS,GB,BV,ISO9001 AAA certified.

Customized hydraulic solution, We can manufacture according to the technical drawing from the client and pack as the request of the client so that we can meet the different requirement. For now we have export more than 15 countries like Guinee, USA etc winning the trust and praise.















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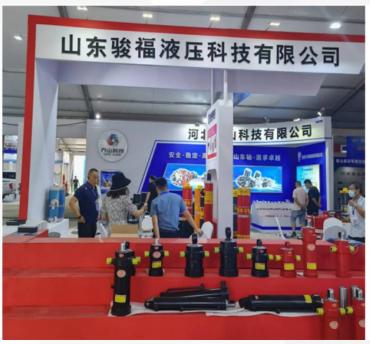
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山东省产品质量检验研究院



### Our client





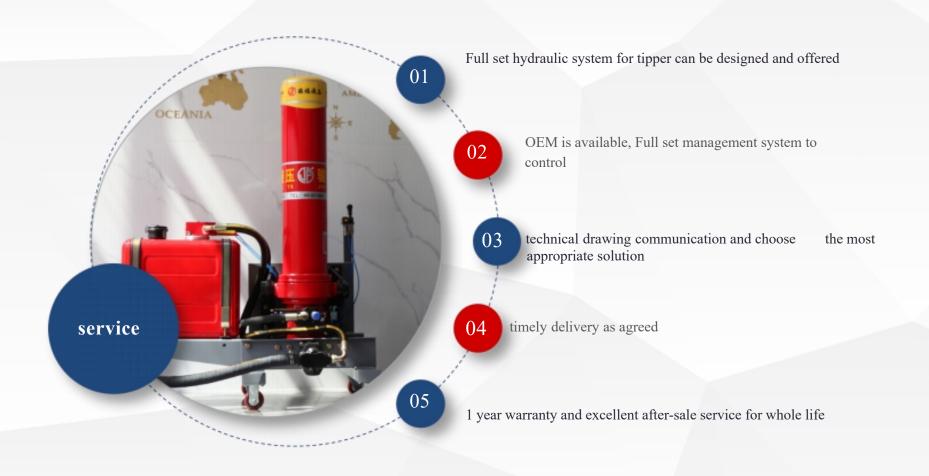








## **Our Service**







### Shandong Junfu Hydraulic Technology Co.,ltd

Email: sheldonliu0325@163.com

Mobile: +86 13853606879

ADD: pineapple road intersection, qingzhou city,

shandong province, CN

Zip code:262500

## Welcome to Visit our Factory