



Shandong Junfu Hydraulic Technology

Professional Hydraulic parts supplier

- Profession
- Focus
- Quality



product introduction



hydraulic cylinder



hydraulic tank



hydraulic pump



hydraulic valve



Power take off



Hydraulic cylinder



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



Hydraulic cylinder



Trunnion connection

Upper trunnion fixed with the compartment,
downside trunnion connected with the chasis

Material: 27 Simn seamless steel
Chrome finish, good anti-corrosion



Alpha oil feeding port

Hydraulic hose or valve can be connected optional

Rational dust cap design, longer working life
Eye bolt design, easy to install



Sealing: Halite
including main oil seal, auxiliary oil seal,
dust-proof seal, 2 support seal, slider



Hydraulic cylinder

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 $-40 \sim 110^{\circ}\text{C}$, 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!



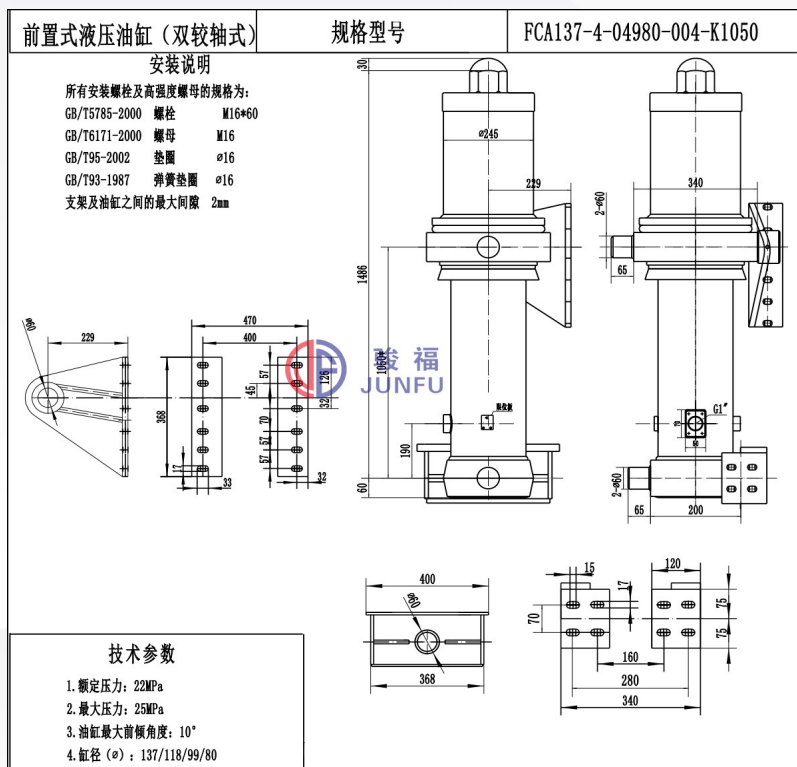


Hydraulic cylinder

Well quality management system

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

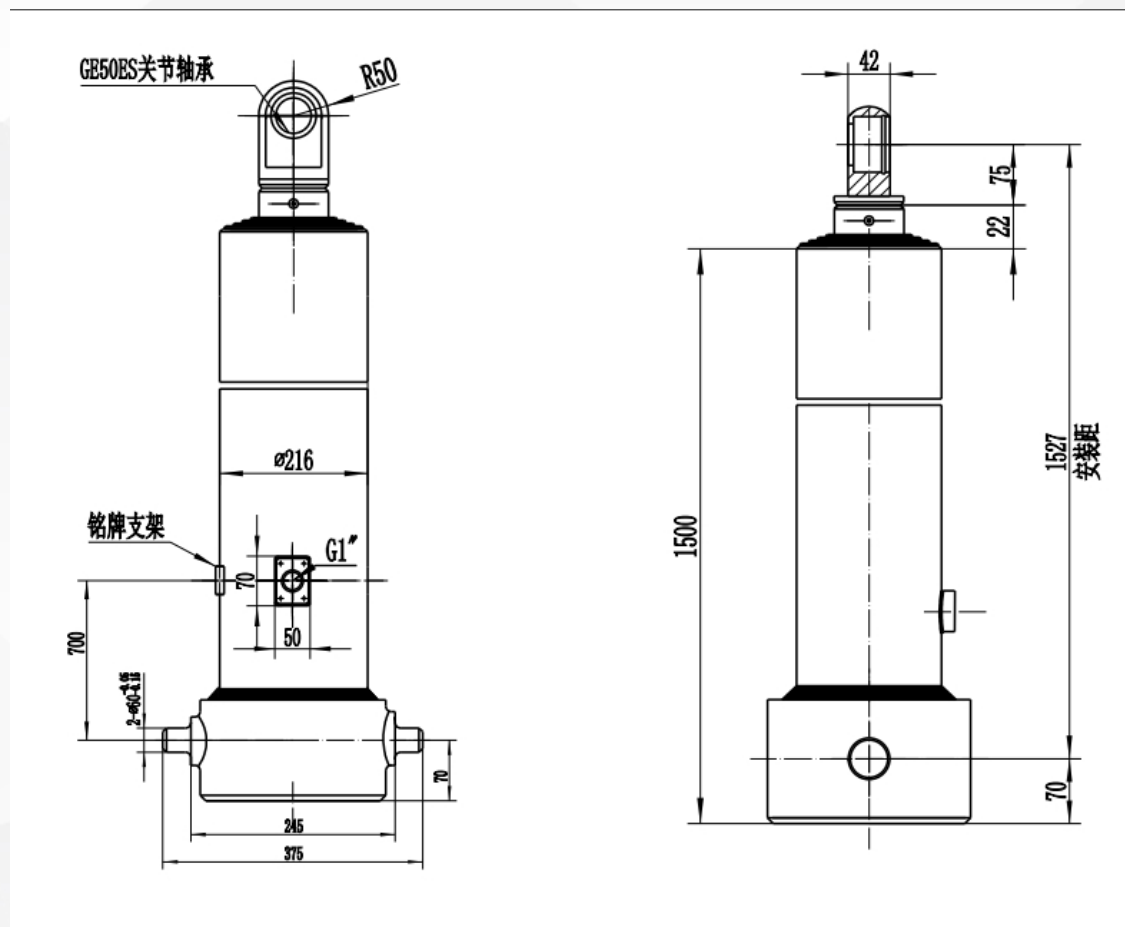
Every piece of hydraulic cylinder will be tested before delivery



- 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



FE Hydraulic cylinder



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



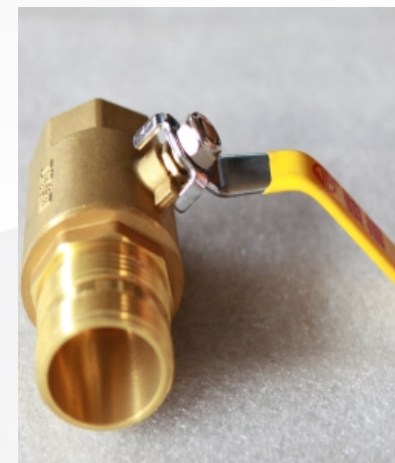
Product Feature:

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)
with strap	80	280*500*600	2.0mm
	100	280*700*600	2.0mm
	120	280*700*670	2.0mm
	160	280*700*850	2.0mm
	180-200	340x700x840	2.5mm
with base	160	350x550x800	2.0mm
	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

技术参数

1、额定压力22MPa，最高压力25MPa。
2、额定转速2000r/min，最高转速2500r/min
3、排量：100ml/r，容积效率≥92%，旋向：双向
4、油口处接头可选，具体接头按合同要求配带

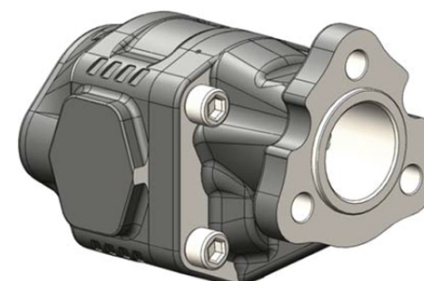
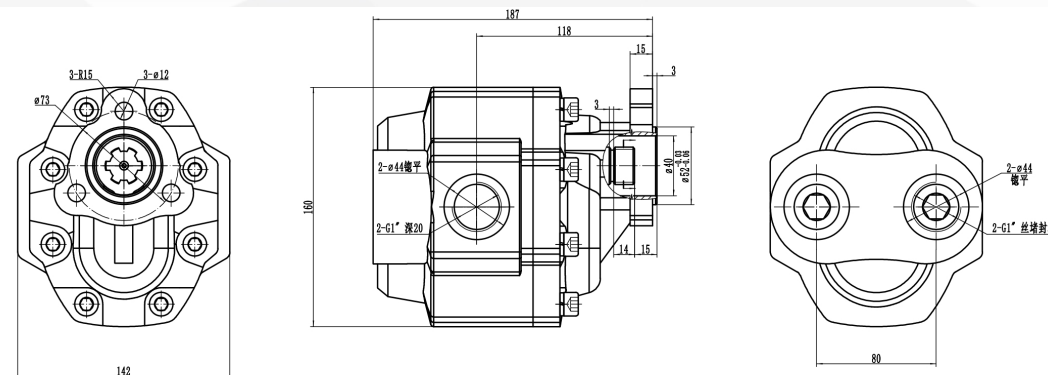
组合件				外形图	
标记	数量	分号	备注	数量	比例
设计					1:1
审核					
工艺					

山东微德液压科技有限公司

type	Displacement (ML/r)	Rated pressure (MPa)		Rotating speed (rpm)			Power (kw)	volumeri c efficiency	oil temperature °C	weight (kg)
		rated	max	min	rated	ma x				
CBO-P80	80	20	25	800	2000	2500	65.5	≥92%	-20 to +80	17
CBO-P100	100	20	25	800	2000	2500	84.61			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

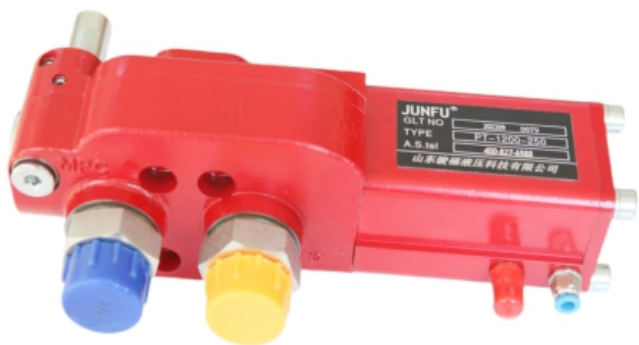
This series of gear oil pumps are made of high-strength aluminum alloy with strong bearing capacity. Patent technology, rational structure design, self-lubricating bearing, keep high volumetric efficiency. Light weight, with the ability of resisting radial and axial force, long working life



type	Displacement (ML/r)	Rated pressure (MPa)		Rotating speed (rpm)			volumeric efficiency	oil temperature °C	weight (kg)	oil inlet	oil outlet
		rated	max	min	rated	max					
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



1P40



2P40



3P40



4P40



5P40

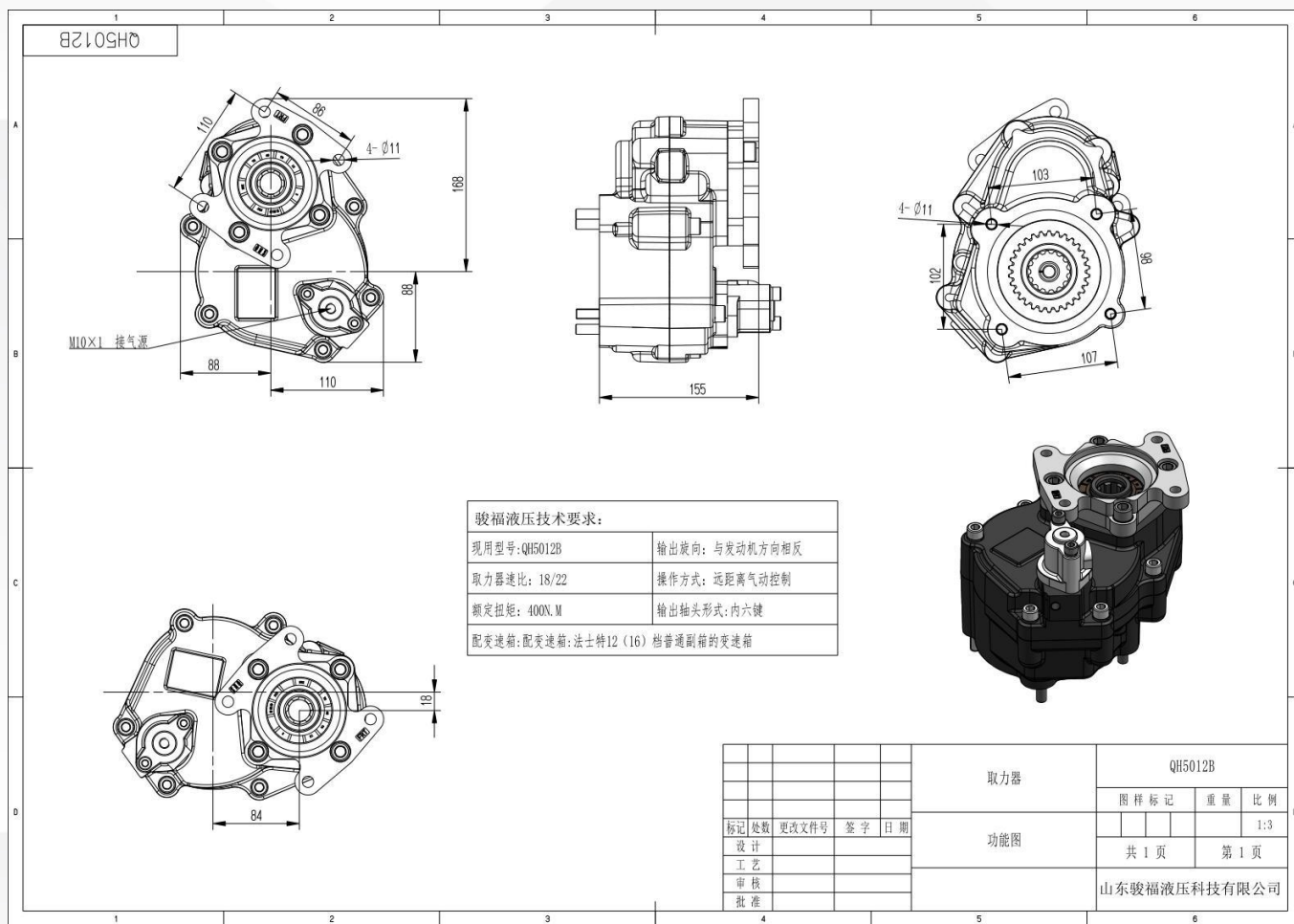


6P40





PTO



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



PTO





Company Introduction



+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.

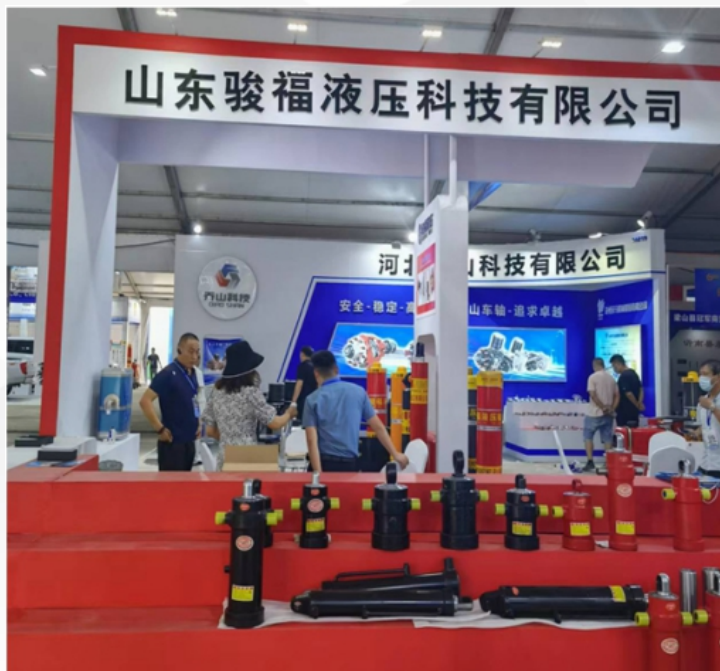




Company Introduction

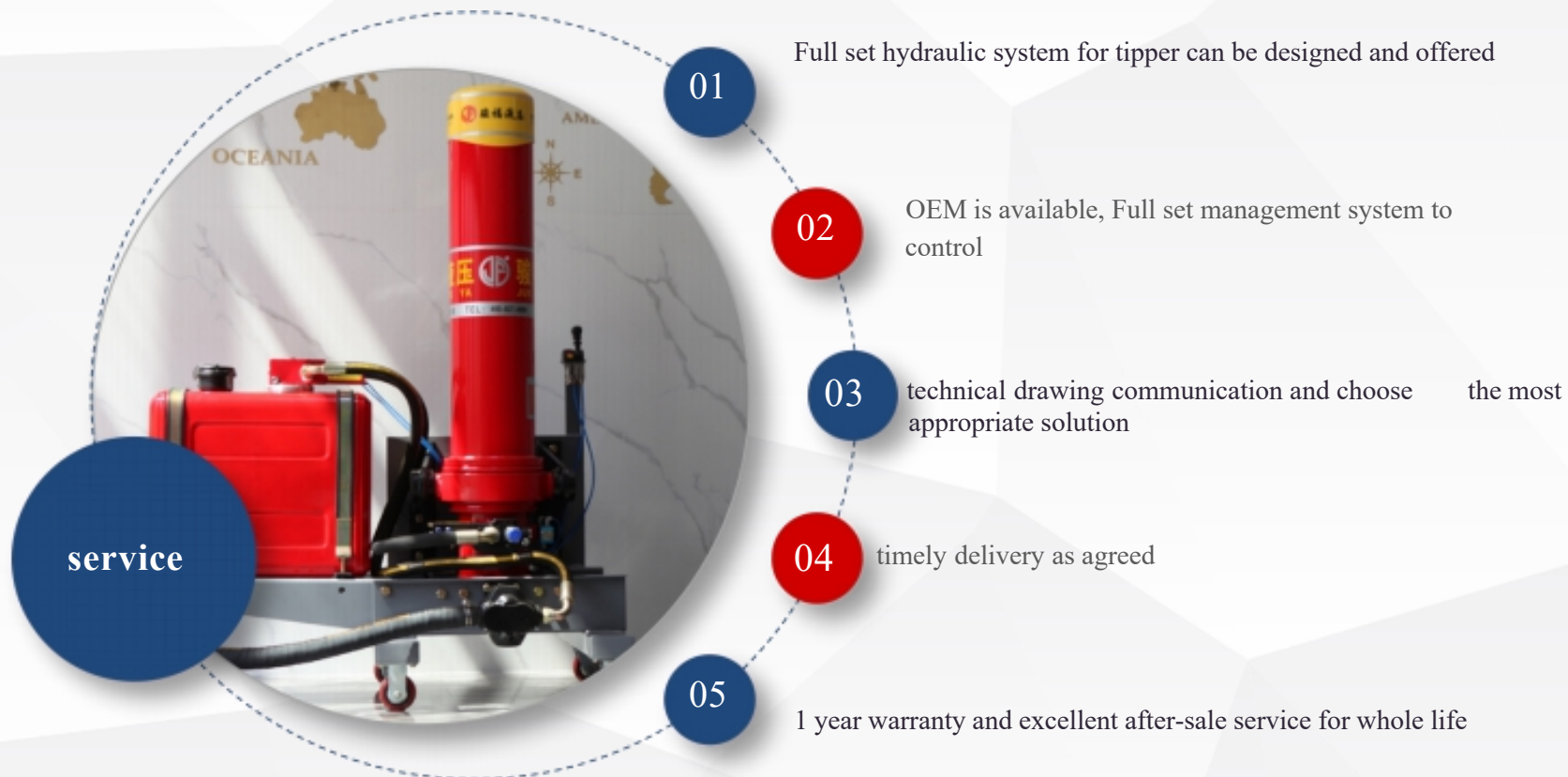
Our client

 中国重汽	 骏通 JUNTON	 JMC	 大运重卡
 CRRC	 潍柴	 陕汽重卡 品质成就未来	 乘龙汽车
 徐工集团	 FOTON	 SCANIA	 SANY
 红岩	 红牛	 瑞沃 ROWOR	 CAMC





Our Service





Company Introduction



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Welcome to Visit our Factory