



TOP FORGINGS MANUFACTURER IN CHINA

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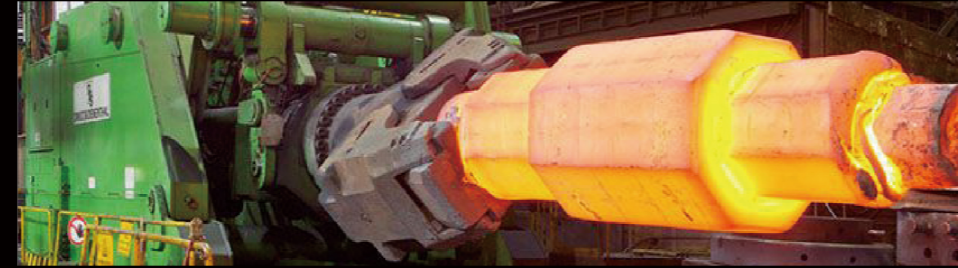
ABOUT

Songjie Forging Co., Ltd focuses on cast steel manufacture, special steel forging and processing, precision parts processing for over 20 years in China.

We manufacture and supply all kinds of big forged shafts, forged discs, forged rings, forged cylinders, flanges, forged rolls, steels and etc for large machines, the mining industry, power station, shipbuilding industry and so on.

We are ISO 9001:2008 certified manufacturer, forgings can be 16 meters and the diameter of forged discs can be 2000mm. With an annual production capacity of 100,000 to 150,000 tons, top manufacturer and supplier of forged rolls, forged blocks, die forged blocks, shafts, forged gears, crankshafts and etc.

We have the complete set of smelting equipment and 1600 tons of hydraulic forging press set, this fast forge machine set with high production efficiency, great control accuracy, and energy saving. Which has the production capacity of smelting big forgings below 60 tons and forging large forgings below 25 tons. Products involved in the petrochemical industry, electric-power industry, auto industry, shipbuilding industry, engineering machinery manufacturing industry and etc.



Other main production equipment: 40 tons of electric-arc furnace, 12 tons of intermediate frequency furnace, 40 tons of LF refinery furnace, 70 tons of annealing furnace, 40 tons of VD vacuum degassing furnace, and etc.

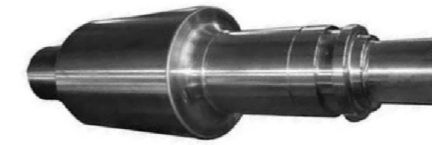
Furthermore, we do various standard quality tests all the time, including Ultra Test and Mechanical Test, hardness test and etc to make the best product for customers. We provide professional one-stop forging production and processing services, have the ability from forging, machining, physical and chemical inspection, ultrasonic flaw detection, and integrated production.

We have over 400 employees right now, 34 senior engineers, 27 smelting engineers, 39 smelting technicians, 14 press working engineers, 18 press working technicians, 26 mechanical and electrical technicians.

With over 20 years experience of forgings manufacture and processing, top world standards, strong commitment to quality, and exceptional customer service make us become one of the top-forging companies in China.

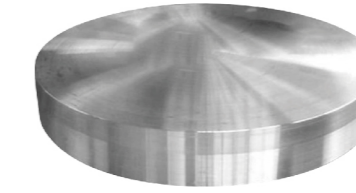


OUR PRODUCTS



FORGED SHAFTS

MAX OUTSIDE DIAMETER: 1200 mm
MIN OUTSIDE DIAMETER: 150 mm
Up to 36,000 KG



FORGED DISCS

Outside Diameter Up to 144" (3657mm)
Up to 175 Tons



FORGED RINGS

Outside Diameter Up to 355" (9000mm)
Up to 80000 lb (40 Tons)



FORGED CYLINDERS



FORGED ROLL



STEEL

Round Bar
Sheet
Plate

Range

Range

Materials

Carbon Steel, Alloy Steel, Tool Steel, Stainless Steel, Superalloys, Titanium, and Aluminum.

OWN STEEL FACTORY INVENTORY STOCKING GRADES

Other material grades are available upon request

LOW COST WORLD-CLASS CUSTOM MANUFACTURE

With own steel factory, we can promise the high quality metal material inventory to make the best forgings with quickest lead time and low cost. Manufacture forgings in various sizes, dimensions and shapes, even complex structural

CARBON AND LOW ALLOY STEELS

ALLOY STEELS

STAINLESS STEELS

TOOL STEELS

ALUMINUM

TITANIUM

SUPERALLOYS

		Grade				
A105	4130	A182 F44	H13	1100	Ti-6-4	Alloy 718
1010	4140	A182 F51	P20	2014	Ti 6-4-2-4-2	Alloy 718 Plus
1018	4145	A182 F53	L6	2219	Ti 21s	Waspaloy
1020	4320	A182 F60	D2	2618	Ti 834	Alloy 909
1035	4330	A182 F91		3003	Ti 407	Alloy 907
1045	4340	15-5 PH		6061		Alloy 625
1050	52100	17-4 PH		7050		Alloy 600
1080	8620	304		7075		Alloy 617
1552	8630	304L				Alloy X
A350 Grade LF6	A182 Grade F5	310				Alloy H230
A350 Grade LF2	A 182 Grade F11	316				Alloy 188
A694	A 182 Grade F22	316L				Alloy H242
S355NL	A707 Grade L5	317				Alloy HR120
	A707 Grade 3W	321				Nimonic 80
		347				Alloy 825
		410				Alloy 800 H
		420				Alloy C276
		422				Monel 400
		431				Alloy C263
		F6NM				Thermo Span

THE PROCESS OF FORGING

Confirm Details to Make A Drawing

Confirm the forgings drawing details and various technical demands with customer, we will confirm what material we will use, forging technology, technology for heating processing and etc, based on the material and performance requirement.

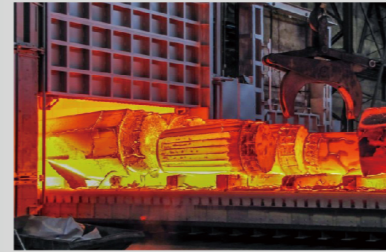
Prepare Workblank And Material for Forgings

Prepare the workblank for the forgings, based on the size needed. Do derusting, OSP and etc processing for it if necessary. Then heat it based on the heating temperature required of forging deformation.



Forging

After forging deformation, and the forgings cooling next. In order to fix the shortage of earlier processing, make the forgings to satisfy needs, some processing is necessary, including edge-cutting, punching, heat treatment, surface cleaning and etc. And sometimes, combine the cooling and heat treatment processing to get the specific forging structure property.



Testing

The quality inspector will check the forgings size, surface quality, UT & PT test, mechanical properties test and etc.

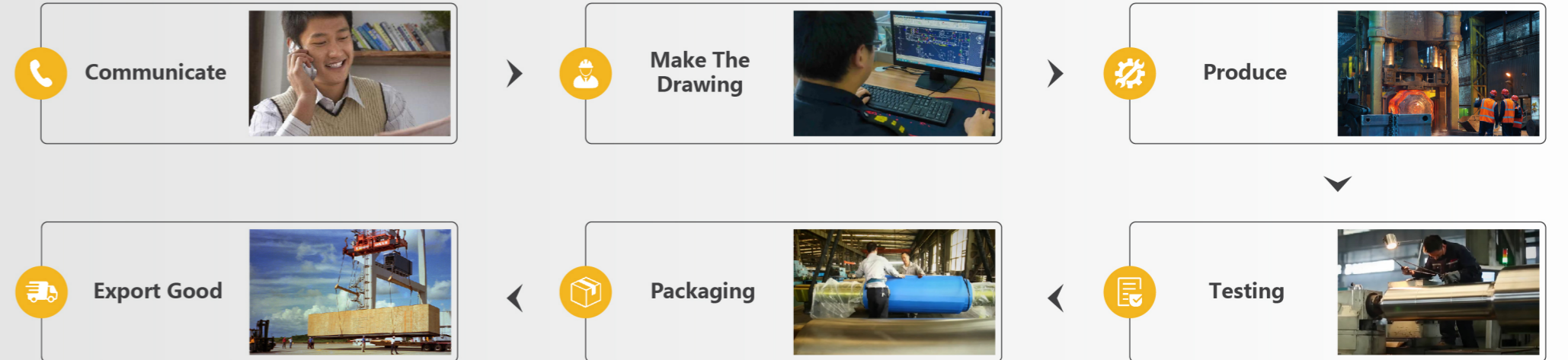


Packing

Taking special antirust treatment and etc then packing, delivery arrangement.



SERVICE PROCESS LINK



GET IN TOUCH



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