

“站在21世纪的起跑线上，中希人将以中希文化为核心理念，在新世纪的伟大创业中，立足国际、升值品牌、再建辉煌，为创建百年中希而努力奋斗！——郑元龙”

LONGSUN Group – Professional supplier of electrical contacts



WELCOME LONGSUN

Longsun Group Co., Ltd. is one of leading manufacturers in electrical alloy product industry in China, which was established in 1986. It is an Integrated Enterprise among manufacturing, distribution and research & development. It owns high comprehensive craftwork technology for manufacturing Precious Clad Strip, Electrical Contact and Hi-Precision Stamping Contact Component.

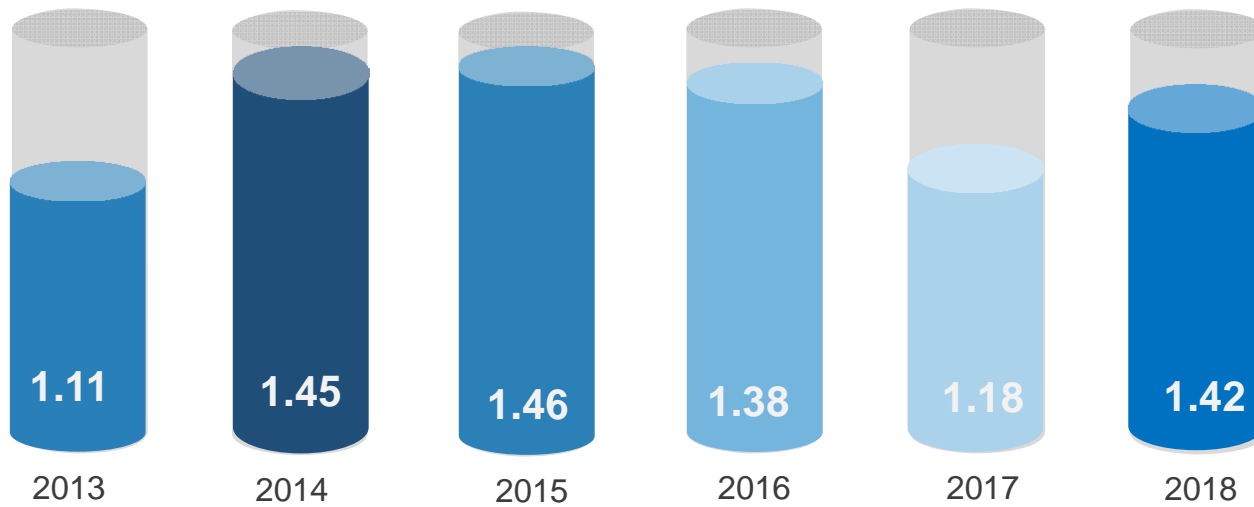
Its products are widely used in high-low voltage appliance, electron, motorcar, communication, navigation, aviation and military industry and etc. It provides the goods and stable service for world well-known Electrical Appliance Industry such as SNAIDER, CHINT, DELIXI, PEOPLE, JINLONG, TYCO, HONGFA, etc



www.longsun.cc



2013-2018 sales status of LONGSUN Group



Found in 1986

Registered capital: 290 million CNY

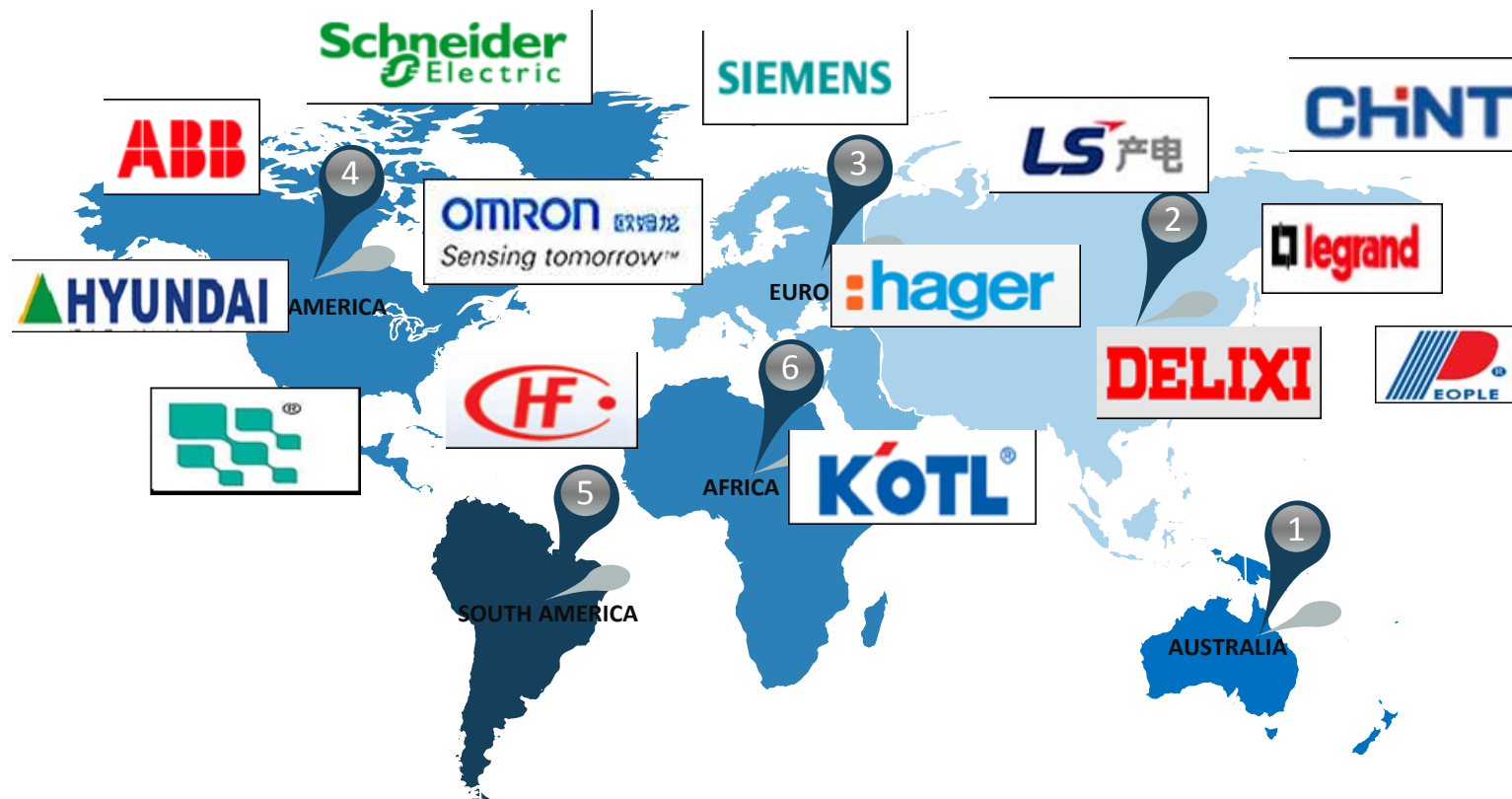
Employee: 900

Sales status (Billion CNY)

Our sales volume in 2013-2018.



Global Strategic Partners



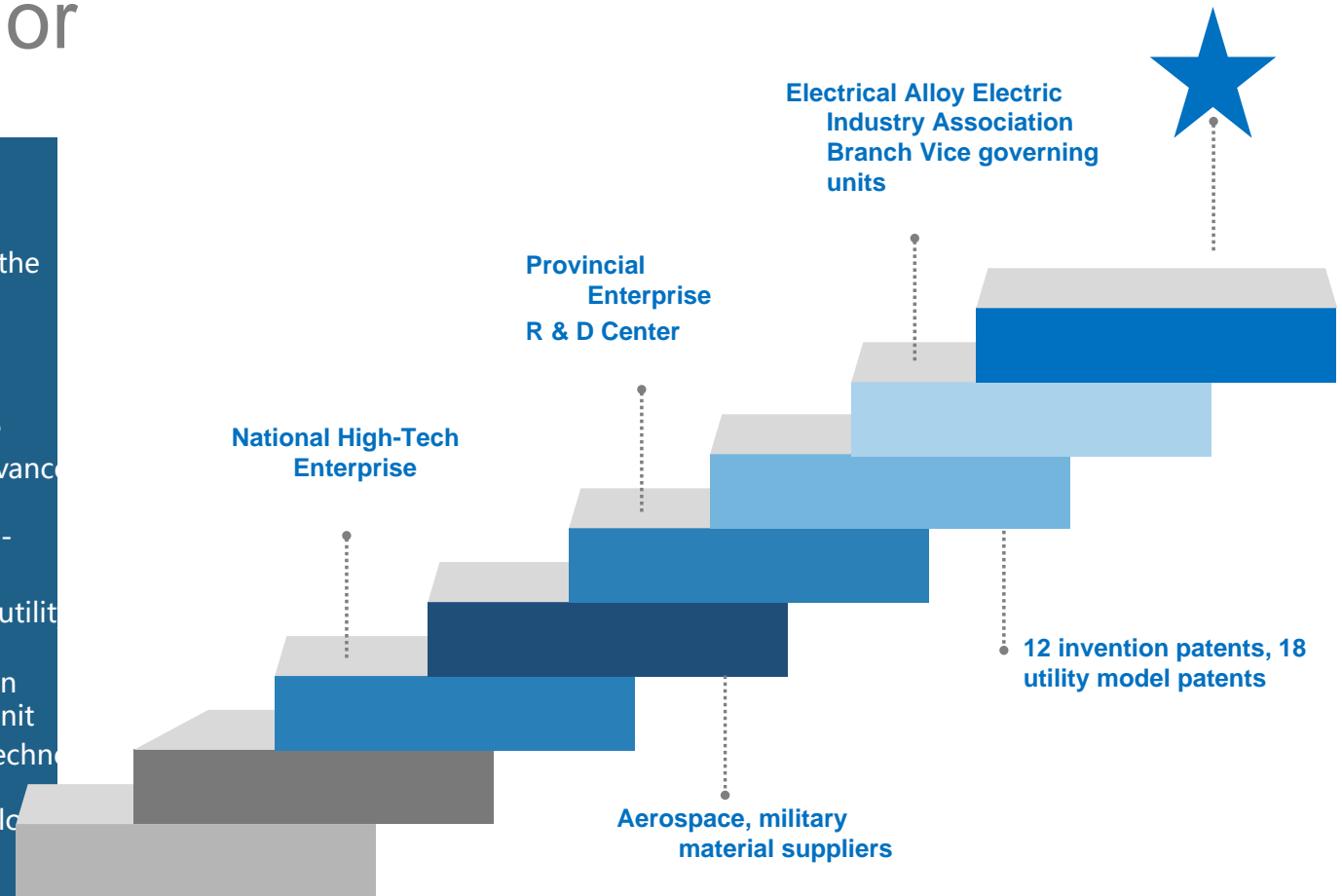
16 Strategic Partners In the world

Longsun products are widely used in high and low voltage electric appliance, military industry, aerospace, electronics, communication, household appliances, solar panels, and other fields. the group's main service in the world 500 strong enterprises and some world famous electric company, like schneider, ABB, LG, Siemens, omron, British invensys, American GE, tyco, Eaton, Emerson, chint, delixi, the people, Tengen, jinlong machinery, xiamen hongfa.

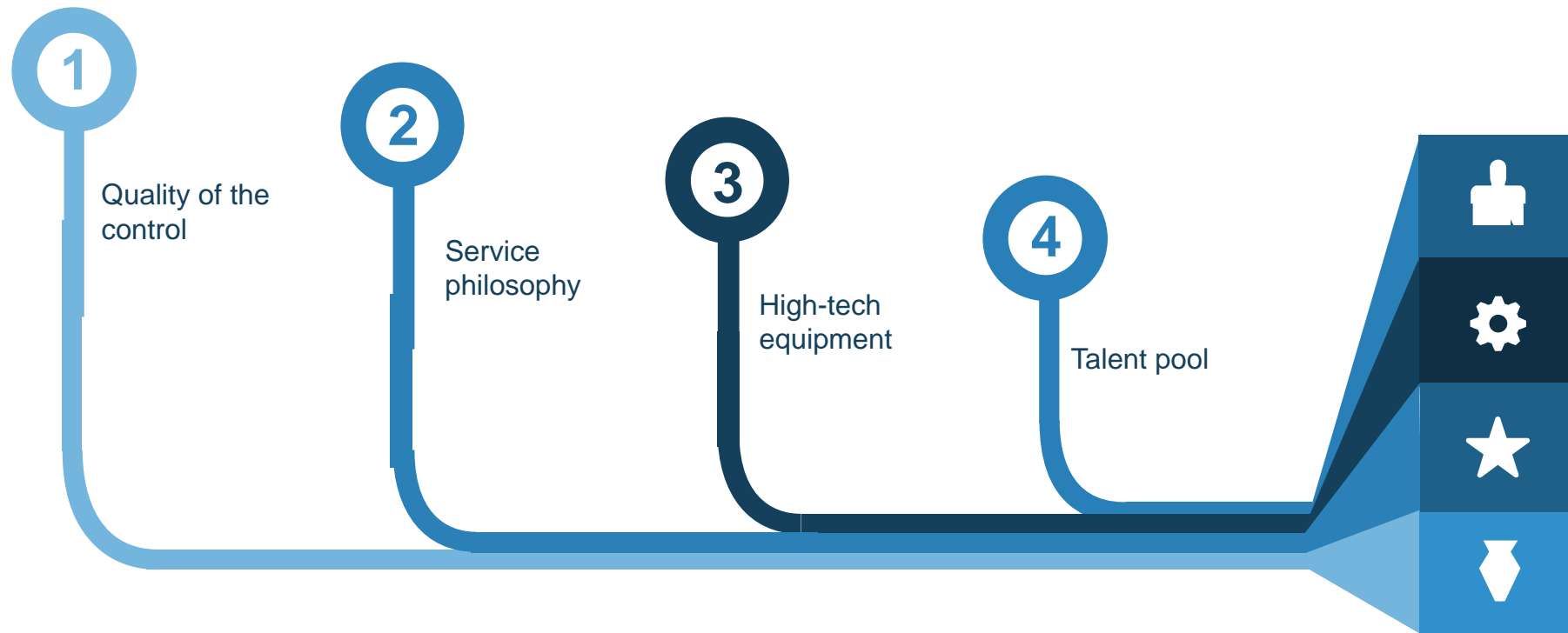


Company Honor

National high-tech enterprise
National spark plan project
National torch plan implementation of the enterprise
Zhejiang high-tech enterprise
Shanghai high-tech enterprise
Shanghai high-tech achievements prize
Songjiang Shanghai large taxpayer "advanced enterprise" units
China aerospace, military industry fixed-point material suppliers
12 invention patent , 18 the patent for utility model
Electrical equipment industry association electrical alloy branch deputy director unit
Provincial enterprise of new and high technology research and development center;
Provincial enterprise research and development center



To build high-end electrical contact areas pioneer brand





Products introduction

In the content of this page, we will introduce you our company's seven product and their technology

Group Overview

Zhejiang production Base
Location: Wenzhou
Area: 50000 m²
Employee: 600

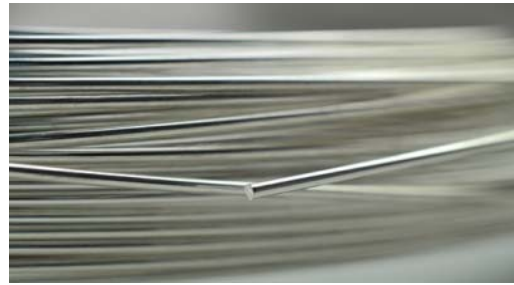
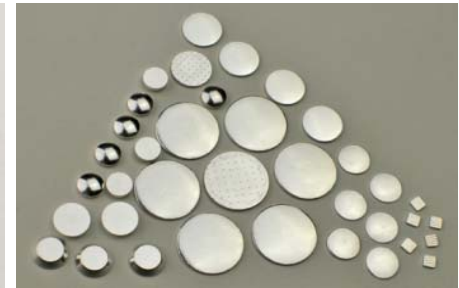


Shanghai production Base
Location: Shanghai
Area: 15000m²
Employee: 300



Product series

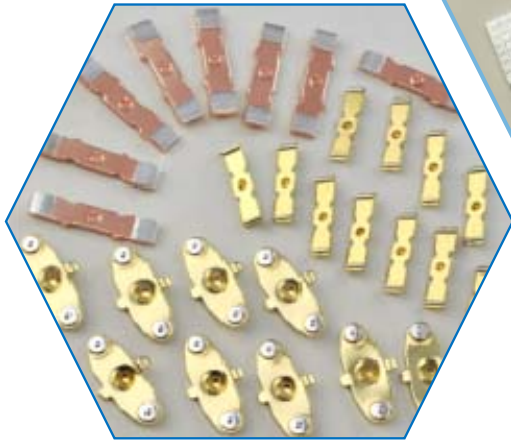
7 series



Longsun group mainly product seven series products, including precious metal clap strip, silver alloy wire, Tri-metal welding button contact, contact component, internal oxidized alloy contact, powder metallurgy contact and electrical contact rivet.



Main product Series in Wenzhou production base



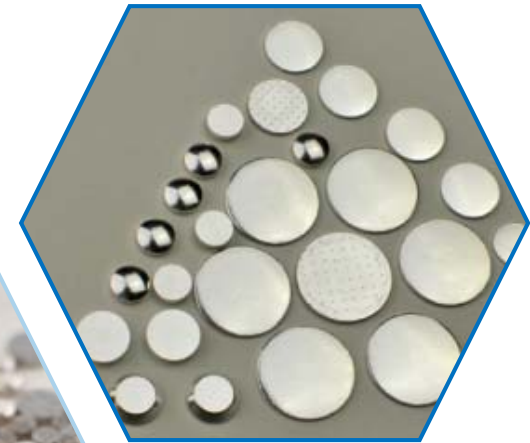
Contact component



Powder Metallurgy Contact



Tri-metal welding button contact

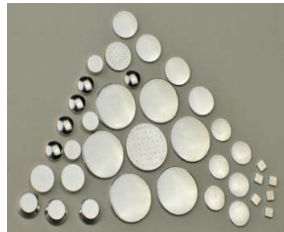


Internal Oxidized Alloy contact



Internal Oxidized Alloy contact

Main material:
 AgCdO , AgSnO_2 , In_2O_3 , AgZnO



Internal oxidized alloy contact

Annual production capacity: 280ton
(0.25 billion pcs/year)



Contactor



MCB



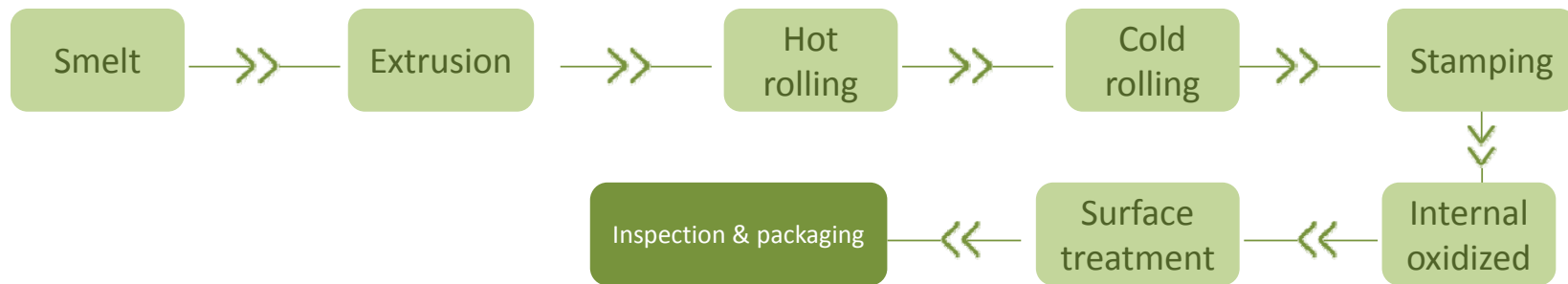
Controller



Building power



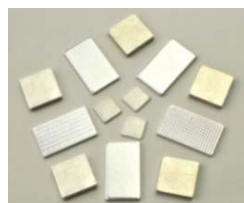
Internal Oxidized Alloy contact production process



Powder Metallurgy Contact

Material:
AgW,AgWC,AgNiC,AgC,AgWCC

Feature: anti-welding & anti
material transfer



Powder Metallurgy Contact

Annual production capacity:
150ton (0.15 billion pcs/year)



MCB



MCCB



ACB



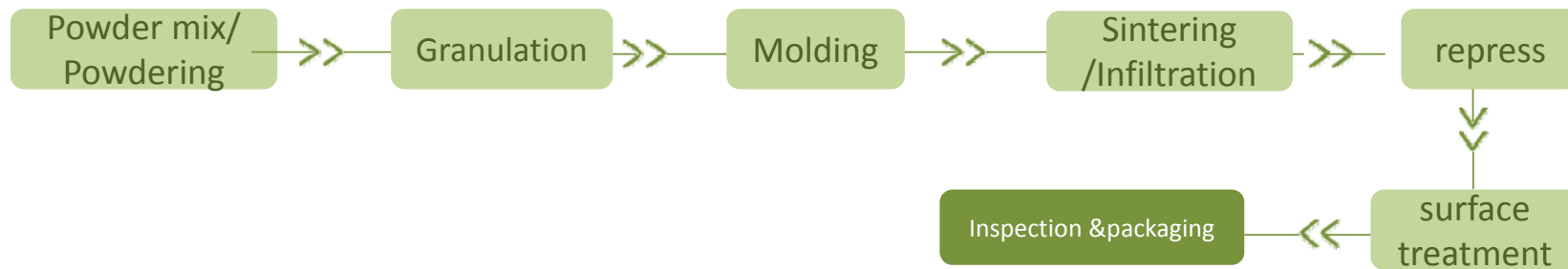
Building power



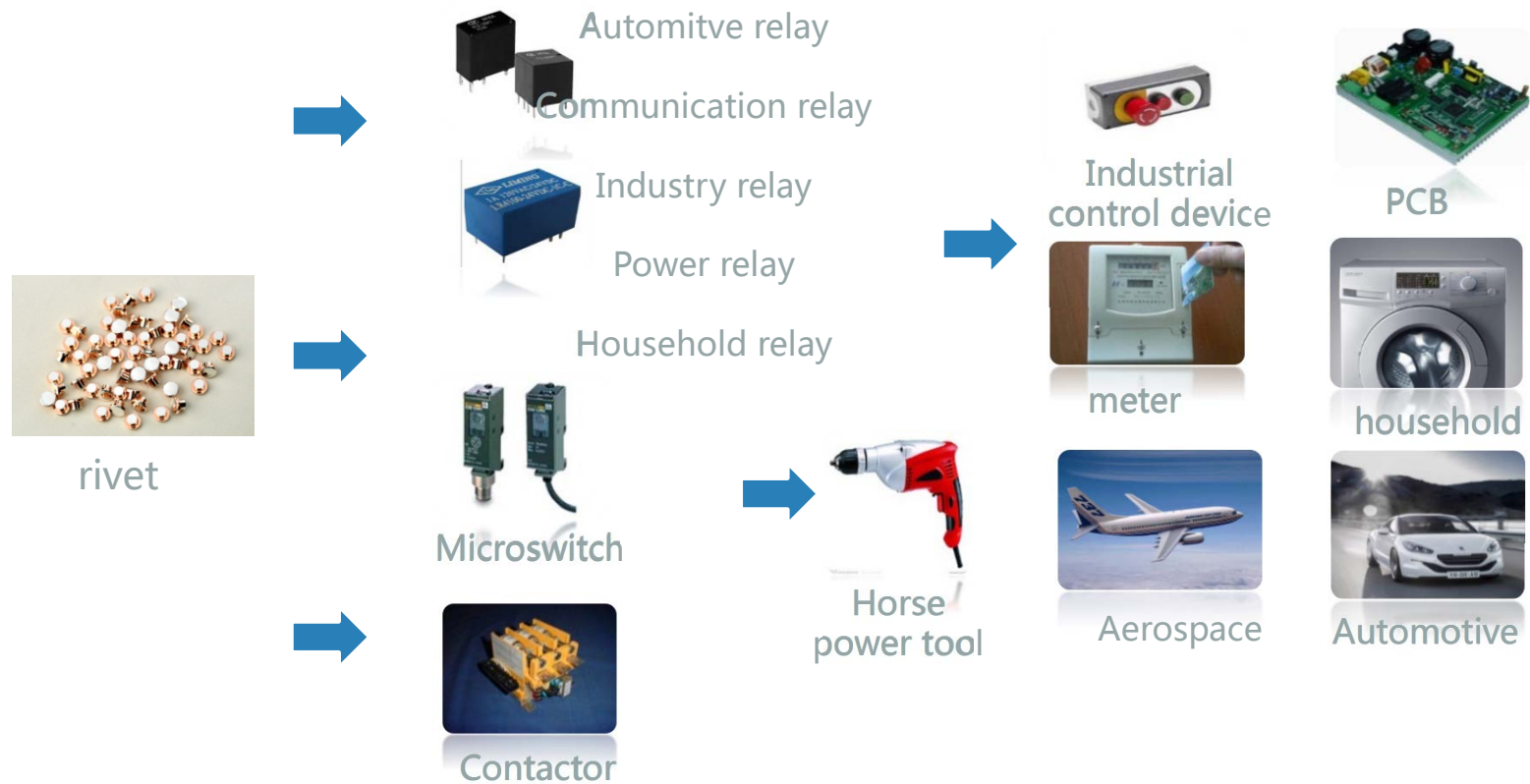
Low voltage power system



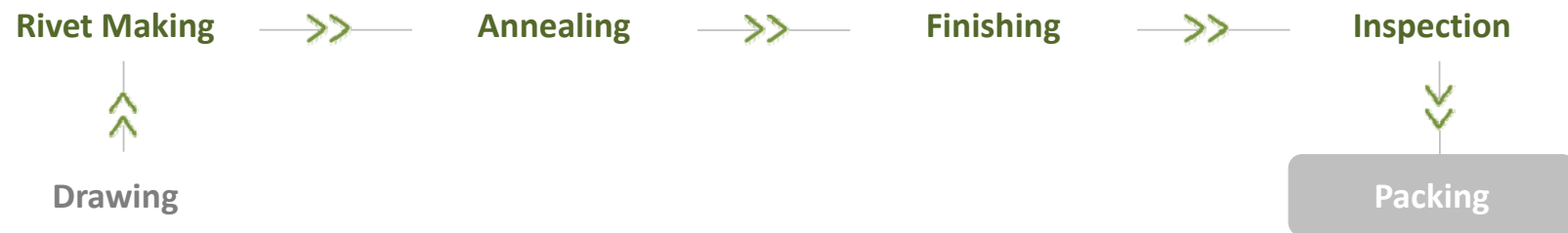
Powder Metallurgy Contact production process



Rivet contact



Rivet production process



Contact component

Type:

Riveting component

Welding component

Stamping component

Method	Efficiency	Tooling cost	Production scale	Remark
Rivet by manual	low	low	small	
Spin rivet by manual	low	low	small	seamless riveting
Welding by manual	low	low	small	
Spot welding automatic	high	high	medium	
Stamping automatic	very high	high	mass production	good consistency
stamp&weldi automatic	very high	very high	mass production	good consistency, strong welding



Low voltage sparger



Controller



Switch

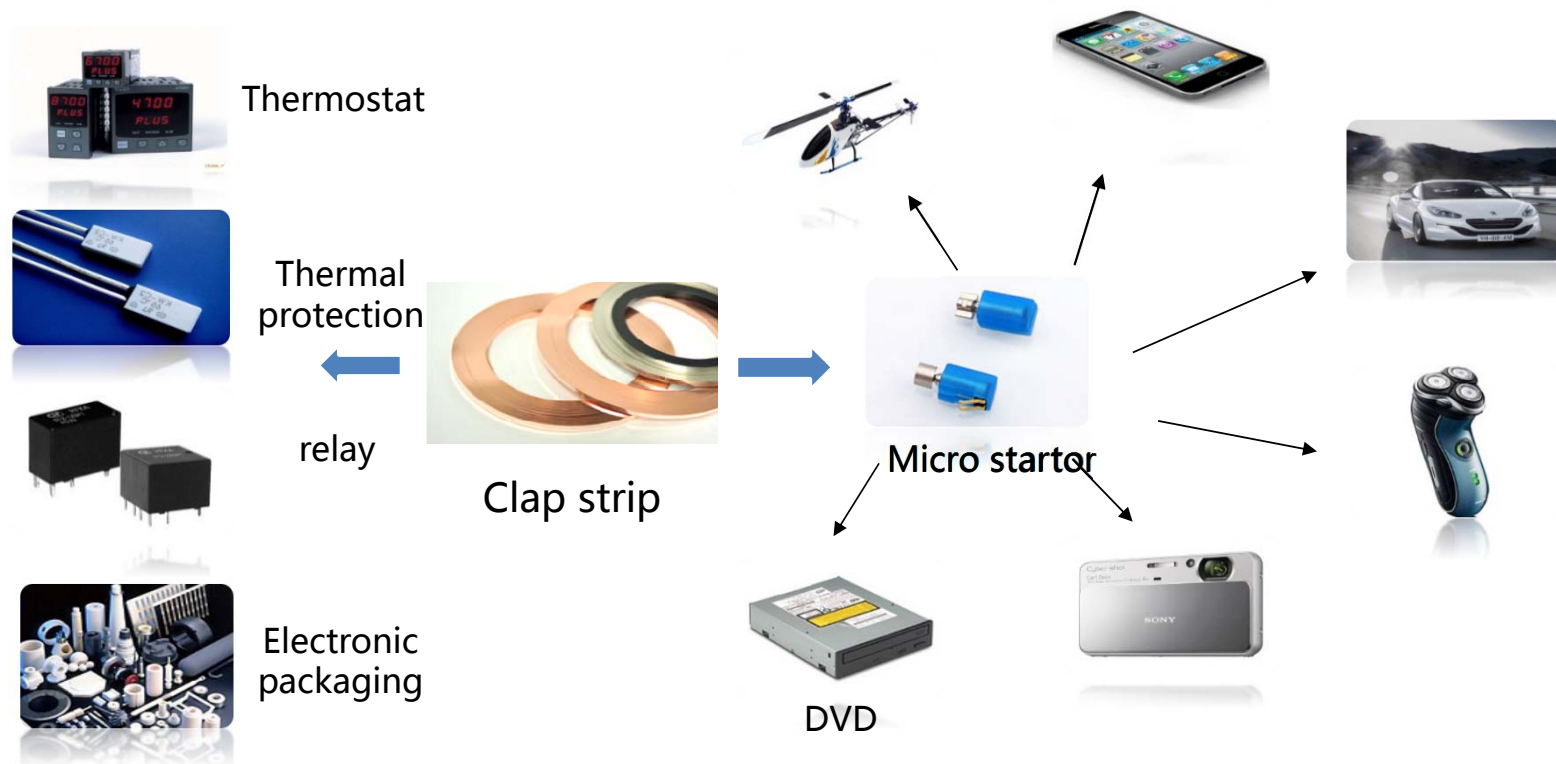
Contact component



Annual
production
capacity: 10
million pcs/yr



Precious Clap strip



Clad strip production process



Silver Alloy Wire



Production process :

Melting internal
oxidation

Usage :

Rivet contact
Welding
Interl oxidation flake
contact
Clad strip



Tri-metal welding button contact

Product type

clad Baseband	Ag	FAg	AgNi	AgCdO	AgSnO ₂
Cu/Fe					
CuNi					

Main usage



Product features

The bottom weldable layer from a material with higher electrical resistivity such as steel, nickel or copper-nickel alloy. To improve the welding process, the underside often have an embossed pattern with 5-7 weld projection.



Thermostat



Microswitch



Protector

Research and development centre

To provide customers high quality products, company introduced Scanning electron microscopy (sem) and energy spectrometer, inductively coupled plasma emission spectrometer from germany, Now we have dozens of technical research and development team including doctors, masters and the big anyone, central south university, Harbin institute of technology exchanges and cooperation.

By R & D Center



Technology centre

research personnel will take some measures to deal with some problem where may appear in producing progress and the products. And this measures will make sure the research progress more scientific and procedural. and ensure the new product's technical content and quality stability.

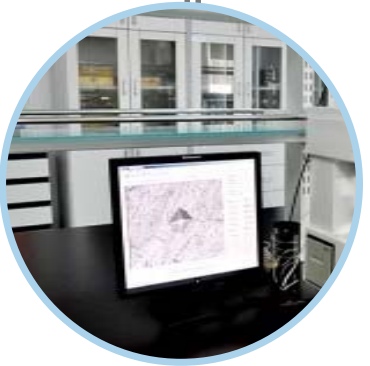
By Technology Center



Inspection centre

Companies investing heavily on quality inspection equipment, and introduced the electrical test station, ultrasonic scanning microscope, universal tensile tester, atomic absorption spectrophotometer WFX - 120 - b, Olympus metallurgical microscope, etc

By Quality Inspection Center



Customer call center

We will serve you 24 hours a day to solve all your problems.

By Customer call center



Logistics centre

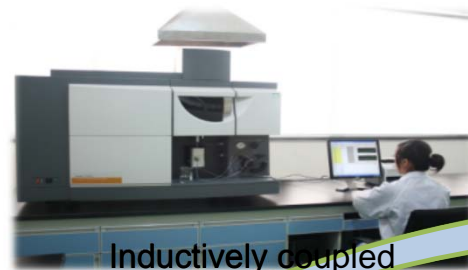
Our warehouse operation in ERP management system, personnel authorization, personnel to verify for ins and outs of every information, and has a strong capacity system to make sure goods can arrived your company security

By Production Distribution Center

Longsun group was award as "top China brand" , " national high-tech enterprise" , "National plan implementation of enterprise" , " shanghai high-tech company" " zhejiang high-tech company" . Longsun group has passed some management system certification like ISO14001 environmental management system, OHSAS18001 occupational health and safety system certification and ISO9001 quality management system. as a member of national electrical alloy standard council, Longsun has participated in drafting and amending many standards for electrical alloy. nowadays, Longsun Group is to globalization ,open thinking, incative spirit to guide the overall adhere to professional,brand,internation development strategy, promote the integrity, professional, innocation and entrepreneurial spirit, focus on creating an international brand in losun influence.



Testing device ①



Inductively coupled
plasma emission
spectrometer
(USA)



Atomic absorption
spectrometer



Scanning electron
microscopy and energy
spectrometer (JAPAN)



Ultrasonic
nondestructive detector



Universal tensile testing
machine

Testing Device②



Yixin Image tester



Olympus gold microscope



WLP average particle size meter

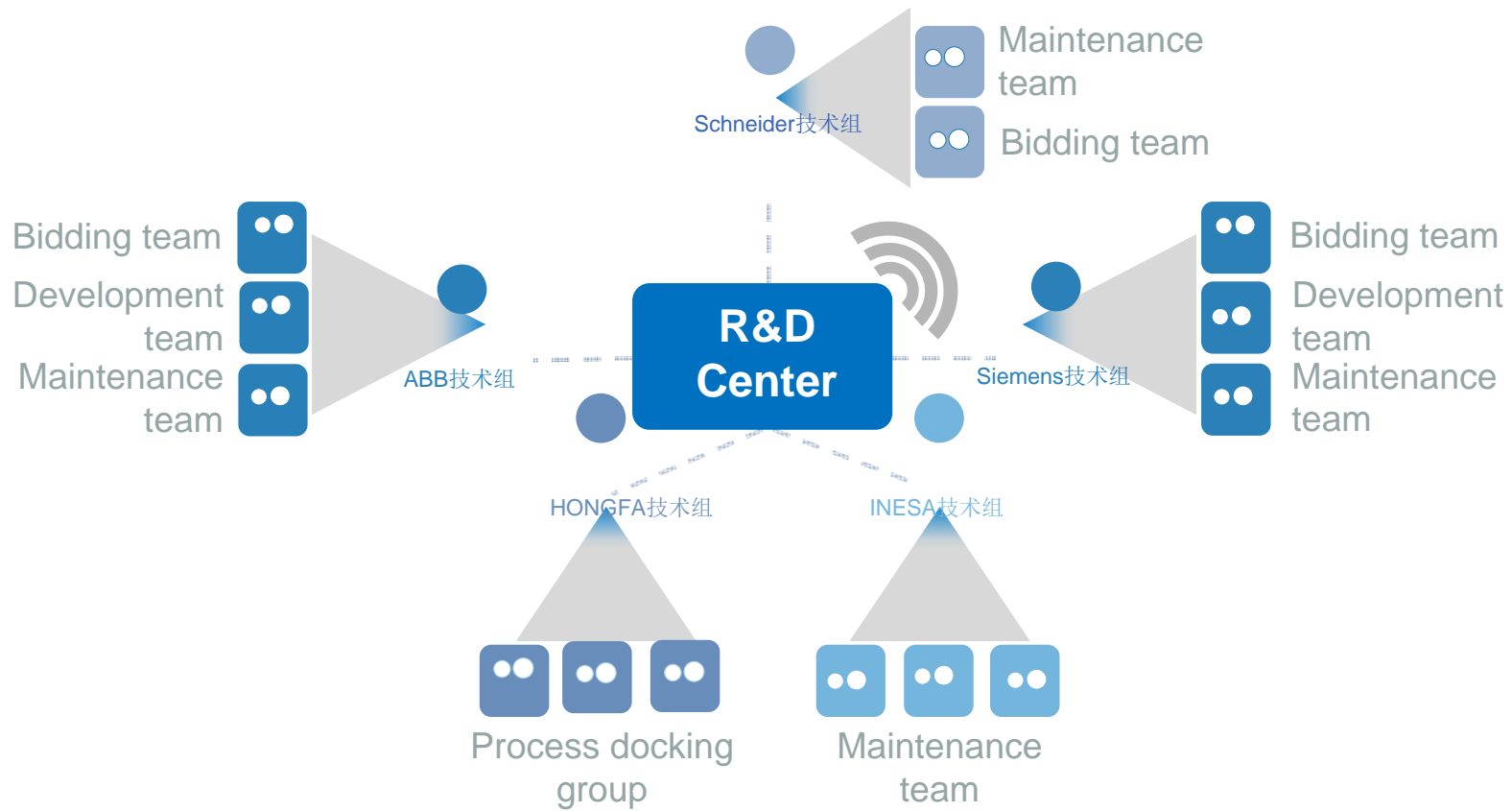


Electric life tester



44B Dual electrolytic analyzer

Technical Support



Welcome to Longsun



LONGSUN大门情景

While entering the company ,
the first thing you see is the
front of the majestic scenery
and LONGSUN Group banner.



精密的质检设备

We have the most advanced
equipment and professional
quality inspection.



三星级的宿舍配置

Company employees renovated
a three star hostel, so that each
employee has the feeling of
home, and there are rooms and
rooms overtime.



现代化的生产车间

Modern production workshop fully
automated production, reduce labor,
improve accuracy.



整齐的库存分类

We use 5S management and
implementation of ERP systems
for warehouse.





WELCOME TO
LONGSUN PRESENTATION

Thank you

