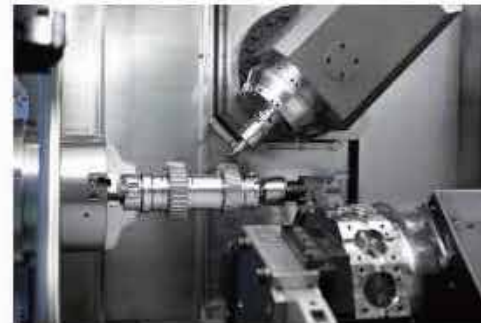


# CATALOG WESER

**weser**  
FOR PRECISION INDUSTRY



# 2024/25

[www.weser.co](http://www.weser.co)  
dream bigger

# ABOUT US

## ISO 9001-certified One-stop Sourcing Company Since 2012

Established in 2012 and based in China and Vietnam, as a TÜV/ISO 9001-certified company, WESER provides solutions to help clients produce customized parts in one-stop as well as reduce the sourcing costs. We are specialized in metal, plastic and rubber fabrication, fast prototype (3D printing), assemble and packaging as well. We also export the casting, stamping, injection equipment and its tooling.

## 50 IATF 16949-certified Production Base

With 50 manufacturing companies from Mainland China, Taiwan and Vietnam working with us closely, we have exported millions of castings, forged, machined and assembled products to 45 countries and regions worldwide, particularly to the US, Germany, the UK, France, Canada, Australia, Switzerland and Brazil, etc. Hundreds of manufactures and importers benefit from our services including well-known and honored customers such as GM, Saint-Gobain, Tenneco, Textron, Caterpillar, Parker, CTS, HYDAC, THROLABS, KNF and Rexnord. Except automotive and hydraulic, we serve more customers that are leading in the EV, wind power, robot, construction, medical, optical, X-sports and pharmaceutical industries.

## Certified Lab

With two engineers who have mechanical engineering experience of over 50 years, we use our vast knowledge and global contacts to provide low-cost but high-quality components. We help clients create drawings and do reverse engineering. Our in-house lab is available for testing chemical composition, surface roughness, plating thickness, hardness and could do salt spray, tensile strength, impact test. Moreover, we also have 2.5D projector and 3CMM to inspect dimensions of  $\pm 0.005\text{mm}$  accuracy.

Send us a drawing or your idea today.



our video



# ISO9001: 2015 Certificated Company

ZERTIFIKAT • CERTIFICATE • CERTIFICADO • CERTIFIKAT • 認證證書



**证书**

TÜV SÜD 管理服务有限公司  
认证部  
兹证明

**青岛威悉商贸有限公司**  
中国山东省青岛市崂山区海尔路61号1号楼804室  
邮政编码: 266061  
统一社会信用代码: 913702125912814806

在以下适用范围  
建立和实施了质量管理体系

汽车配件、五金机电配件、建筑配件、电器配件的销售。

通过审核, 订单编号: **748337470**  
证明该体系满足

**DIN EN ISO 9001:2015**

的要求。

本证书的有效期限从**2023年01月26日**至**2025年01月06日**,  
获证组织必须定期接受监督审核并经审核合格此证书方继续有效。

证书注册号: **12 100 57200 TMS**。

本证书信息可在国家认证认可监督管理委员会官方网站  
([www.cnca.gov.cn](http://www.cnca.gov.cn)) 上查询。






Head of Certification Body  
慕尼黑, 2023年01月29日

TÜV SÜD Management Service GmbH • Zertifizierungsstelle • Ridlerstrasse 57 • 80339 München • Germany  
[www.tuev-sued.de/certificate-validity-check](http://www.tuev-sued.de/certificate-validity-check)



ZERTIFIKAT • CERTIFICATE • CERTIFICADO • CERTIFIKAT • 認證證書



**CERTIFICATE**

The Certification Body  
of TÜV SÜD Management Service GmbH  
certifies that

**QINGDAO WESER TRADING CO., LTD.**  
Room 804, No.1 Building, No. 61 Haier Road, Laoshan District  
Qingdao City, Shandong Province, P.R. China  
Post Code: 266061  
Unified social credit code: 913702125912814806

has established and applies  
a Quality Management System for

**Sale of Auto Parts, Hardware Mechanical and Electrical Accessories,  
Construction Accessories, Electrical Accessories.**

An audit was performed, Order No. **748337470**.  
Proof has been furnished that the requirements  
according to

**DIN EN ISO 9001:2015**

are fulfilled.

The certificate is valid from **2023-01-26** until **2025-01-06**.  
The certified organization shall undergo and pass  
the regular surveillance audit to maintain the validity of this certificate.  
Certificate Registration No.: **12 100 57200 TMS**.

Information about this certificate can be inquired at the official website  
of Certification and Accreditation Administration of the People's Republic of China ([www.cnca.gov.cn](http://www.cnca.gov.cn)).






Head of Certification Body  
Munich, 2023-01-29

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[www.tuev-sued.de/certificate-validity-check](http://www.tuev-sued.de/certificate-validity-check)





## HIGH PRESSURE / LOW PRESSURE DIE CASTING

Material: aluminum, magnesium, zinc. Mostly used: A380, A356, A383, ADC 12, zamark 3, zamark 5, AZ91D

Finish: Powder coating, dacromet, painting, anodizing, e-coating, chrome plating, gold plating

Key words: bracket, housing, cover, knuckle, lever, bracket, gear, wheel, clutch, shaft, plate, cylinder

USP: IATF16949, ISO14001, OHSAS18000 certificated factory from 2009, PPAP level III, welcome large order

Customer: Tesla, SL Tennessee, Copper Lighting, Ferrari, Harley-Davidson

Process: high pressure die casting

Equipment: die casting machine BUHLER, FRECH, UBE, TOSHIBA 180T, 250T, 600T, 800T, 1000T, 1500T, 2000T, 2500T, 5000T, 8000T to 12000T. In housing mold making and DMG MORI machining, ZEISS 3CMM

Application: automotive, lamp, electronic, communicate, power tool and hardware

Capacity: weight from 0.01 to 200kg, 6000T annually



# HIGH PRESSURE / LOW PRESSURE DIE CASTINGS



# GRAVITY CASTINGS/COUNTER-PRESSURE DIE CASTINGS/ VACUUM CASTINGS

Material: aluminum. Mostly used: A356

Finish: nickel plate, gavanizing, oxidation,TEFLON

Key words: cover,knuckle, motor house, cylinder, flywheel, valve

USP: IATF16949 ISO14001 ISO18000 certificated, PPAP III documents, 98% OTD, 30 R&D

Customers: SIMENS,DANAHER, TYCO,Magnet Marelli

Process: gravity casting, low-pressure die casting

Equipment: X-ray inspetor, in-house T-6 heat treatment line, SPECTRO spectrum, 3CMM

Application: automotive,electronic,railway, marine, medical devices

Capacity: weight from 0.1 to 200kg, 1000T monthly capacity, in-house CNC machining, coating and anti-oxidation finishing





# GRAVITY CASTINGS COUNTER-PRESSURE DIE CASTINGS VACUUM CASTINGS





Material: stainless steel, carbon steel, steel alloy. Mostly used: SS304, SS316, 17-4PH, AISI 1020, 1050, 1045

Finish: polishing, brushing, shot blasted, glass bead blasted, oxidation, phosphate, passivate, chrome plating, powder coating, painting

Key words: valve, socket, knuckle, bracket, housing, cartridge, lever, stud, grommet, cone, nozzle, adapter, gear, wheel, cover, shaft, plate, cylinder, ring

USP: IATF16949, ISO14001 certificated factory from 2007, PED4.3, PPAP III, welcome small order

Customer: E-Z-GO, BMW, Chrysler, GM, Audi, Hyundai

Process: lost wax investment casting, water glass investment casting, compound process, silica sol, water glass, fast investment casting, compound investment casting

Equipment: 4 modern casting line, VA robot shell maker, MAZAK CNC, 3CMM and spectrum

Application: automotive, construction, army, marine, tool, medical equipment, sports, hardware

Capacity: weight from 0.01 to 25kg, wall thickness up to 0.1mm, 5000T annually

# INVESTMENT CASTING

## Top-notch Facility



# INVESTMENT CASTINGS



Material: carbon steel, steel alloy, ductile iron, grey iron, aluminum, copper, magnesium. Mostly used: 20CrMo, 45-12, HT300, A356, AZ61D, Stainless steel 304

Finish: powder coating , painting, e-coat, galvanizing

Key words: gearbox, housing, transmission, cylinder, tray, seat

USP: IATF16949 ISO14001 certificated factory from 2006, PPAP III, excellet supplier for TOYOTA

Customer: TENNECO, Caterpillar, FOTON, TOYOTA, John Deere

Equipment: HWS static pressure molding line, SINTO FBO production line, Laempe core making, Q6 Spectrum, HEXAGON 3CMM, HASS CNC, in housing heat treatment

Application: automotive, farm machinery, motorcycle, tractor, railway, engineering machinery

Capacity: weight from 0.2 to 500kg, size up to 1.8m, 2000T monthly

## SAND CASTING





## SAND CASTINGS



# ADI

ADI has the character of high strength, wear resistance, anti shocking and machining self hardening etc, it can replace high strength grey iron and normal cast iron, high strength carbon steel and alloy steel casting ,forging ,welding and appearance quench parts. They are suitable for widely use in automobile industry , mining, construction, railway, agriculture, general machine industries.

Comparison chart:

Material Performance	Cast Iron				Cast Steel	
	Austempered Nodular Cast Iron(ADI)	Assembly Cast Iron	Malleable Cast Iron	Nodular Cast Iron(pearlite+ferrite)	Cast steel	Forged Steel
Tensile Strength(Mpa)	800-1600	150-350	414-724	400-800	414-483	552-1172
Yield Strength(Mpa)	500-1300		221-586	250-480	207-276	310-1000
Extension Percentage(%)	1-16		10	2-18	2410	10-22
Hardness(HB)	260-550	150-280	150-290	130-335		



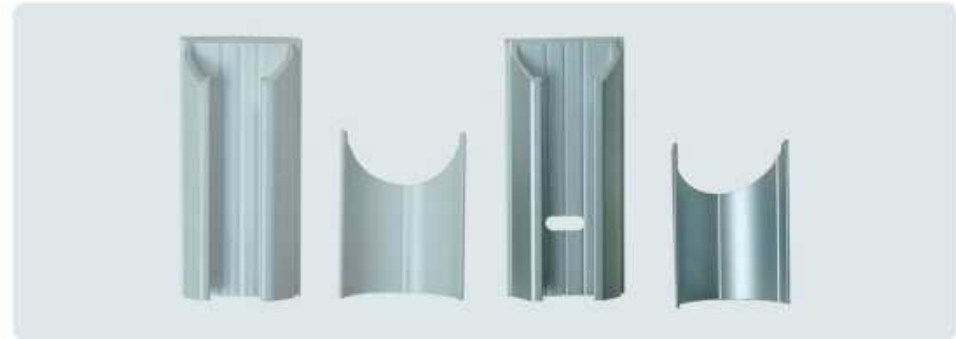
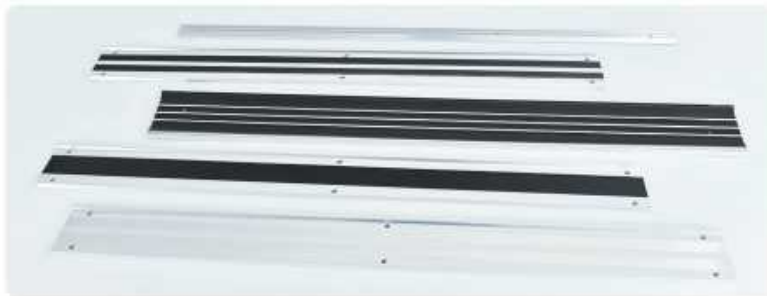


# ALUMINUM EXTRUSION

Material: 6061, 6063, 7075

Finish: mill finish, anodizing, powder coating

Capacity: up to 300\*300mm profile





Material: stainless steel, aluminum, copper      Mostly used: Al6061,6063,7075,2014 AISI 1015, 1020, SS304, SS316

Key words: shaft, ring, pump, valve, tie-rod end, spray gun, draft link, clamp, steer knuckle arm

USP: IATF16949 ISO14001 certificated, PPAP III, 34-year experience

Customers: ITI, BDK, GAIN, Ensto

Process: precision die forging, aluminum and stainless steel forging

Equipment: 300-2500T electric hydraulic die forge hammer, 100kJ PLC forging hammer, 80kJ PLC forging hammer, 50kJ PLC forging hammer, 31.5 kJ PLC forging hammer, hot die forge press, air forge hammer, crankshaft press, friction press, in house mold making and heat treatment, magnetic particle detector

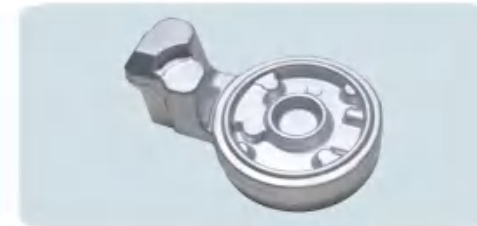
Applications: automotive, bike, motorcycle, aviation, high-speed rail, armarium, textile machinery

Capacity: weight from 0.01 to 20kg, 500,000pcs monthly

## FORGING



# FORGINGS



# PRECISION MACHINING

Material: plastic, aluminum, brass, steel, titanium, magnesium. Mostly used: POM, PA66, Al6061, 62 brass, 12L14, SS304, Titanium GR5

Finish: Zn-Ni, anodizing, chrome plating, galvanizing, sand blasting

Key words: socket, spacer, bracket, housing, cartridge, lever, stud, grommet, cone, nozzle, adapter, gear, wheel, cover, shaft, plate, cylinder, ring, valve

USP: IATF16949 ISO14001 certificated factory, PPAP III, 99% customer satisfaction

Customer: BOSCH, TENNECO, Hoerbigger, TEXTRON

Process: CNC machining, milling, grinding, turning, EDM, laser cutting, welding, cold heading

Equipment: 4-axe CNC, 5-axe CNC, over 200 lathes, Zeiss 3CMM

Application: engine, damping, cellphone, gun, bike, electronics

Capacity: weight from 0.001 to 80kg, hundreds of new products developed annually





# MACHINED PARTS





## SHEET METAL/STAMPING

Material: stainless steel, carbon steel, aluminium, brass. Mostly used: SS304, AISI 1015

Finish: powder coating, painting, zinc plating, galvanizing, PVD, Geomet, Dacromet

Key words: case, housing, cover, displayer

USP: IATF16949, ISO14001, OHSAS18000, ISO3834 welding system, certificated factory from 2007, PED4.3, PPAP III, welcome small order

Customer: ABB, Apple, BOSSCOM, SIEMENS, Velux, TRW, VESTAS

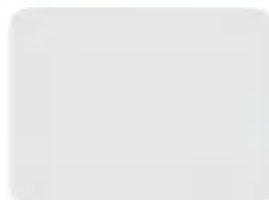
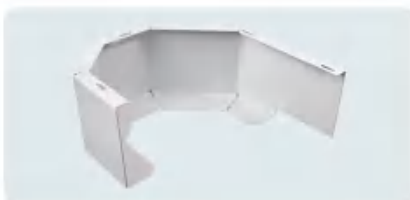
Process: progress die, stamping, bending, welding, deep draw, laser cut

Equipment: 25-1600T hydraulic press machine, 3CMM, X-ray, coating thickness gauge, colorimeter, robot coating line

Application: automotive, construction, appliance, railway, electric case

Capacity: weight from 0.01 to 25kg, wall thickness up to 0.1mm, 5000T annually





# STAMPINGS



# LASER CUT / WELDING



Material: aluminum, steel, stainless steel Mostly used: A6061, A6063, Q235, Q345, Q355B, Q690D, ZG270-500, stainless steel 304

Finish: Powder coating, painting, e-coating

Key words: plate, support, bracket, basket

USP: 30 OTC robot welding machines

Customer: Lift, Panasonic, TNE, STO

Process: Laser cut, torch cutoff, water cut, GMAW, SMAW, GTAW, SAW welding

Equipment: TRUMPF and Hanslaser cutting machine, OTC Robot welding

Application: automotive, heavy truck, EV, construction

Capacity: able to cut and welding up to 100mm thick part



## LASER CUT / WELDING





Material: GB、JIS、DIN、MPIF etc stainless steel, iron, bronze. Mostly used: F0203J,MPIF 35,C-39,SS316

Key words: muffler, valve, valve guide, compressor,connecting rod, piston, gear,filter, pulley,pump

USP: IATF16949, ISO14001 certificated factory from 1998, PPAP III

Customer: IMS:GEAR, Tenneco, BLACK&DECKER, BOSCH

Process: PM, sintering

Equipment: 60 advanced compacting machines and sizing machines, 10 conveyor belt sintering furnaces, high-temperature sintering furnaces, steam- treatment furnaces, 16-400T press line,nitrogen atmosphere protection net,CREMER sintering oven, 3CMM

Application: automotive, gearbox, garden tools, compressor, appliance

Capacity: weight from 0.01 to 5kg , 3000T annually

## Powder Metallurgy/Sintering



# PM Parts





# RUBBER/ACRYLIC FABRICATION PLASTIC INJECTION MOLDING



Material: EPDM, NBR, SBR, BR, silicone, fluorine rubber, neoprene, ABS, PP, PE, PA, nylon

Key words: cover, bellow, housing, plate, pedal, sealing, bushing gasket, o-ring, head gasket, bushing, tube, boot, pad, grommet, spacer, insulator

USP: IATF16949, ISO 14001, OHSMS18001, SGS inspection, PPAP III, compliance with ROHS, REACH and FDA, ASTM2000, SAE-J200

Customer: Hyundai, SL, E-Z-GO

Process: rubber fabrication, plastic injection, plastic extrusion

Equipment: in house mold making, advanced corollary equipment of batching ingredients, mixing, vulcanizing, precision CNC machine and sophisticated testing equipment

Application: automotive, sport, agriculture, appliance, mining, marine

Capacity: 2000T annually



## RUBBER & PLASTIC PARTS





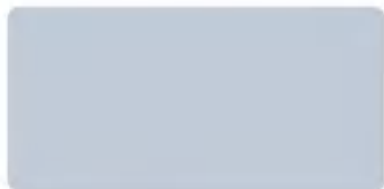
## AUTOMOTIVE PARTS





## ASSEMBLE / RETAIL PACKAGING

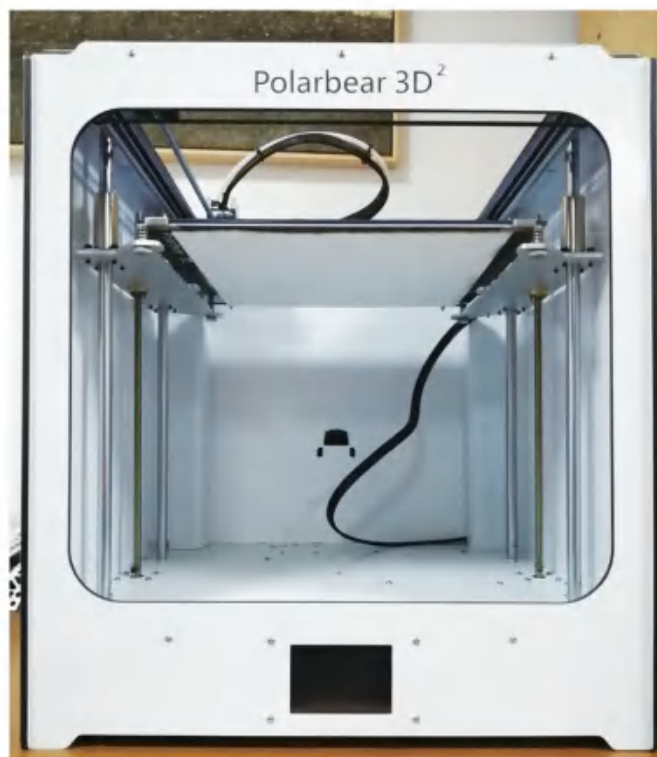
# OTHER APPLICATIONS



on-make Cutters

Weser has the capability of 3D printing technology. This rapid prototype technique is widely used in automobile, aerospace, AEC, medical, civil engineering industry and etc. Through stacking the plastics together, products especially non-standard ones can be manufactured with high efficiency. Thus, this equipment helps customer increase productivity and reduce the production cost. High purity is guaranteed using materials imported from the United States without waste and recycled materials. The printing speed of machine can reach to more than 300m/s, printing precision of which can reach up to 0.1mm.

Product performance: High precision without edge surface upwarping and bubbles, low shrinkage rate and fluidity. high toughness and low weight.  
Applied materials: PLA/ABS/PC/PCTG/WOODINESS/PETG...





# WESER TEAM



# 80% Of WESER Partners are IATF16949 Certificated





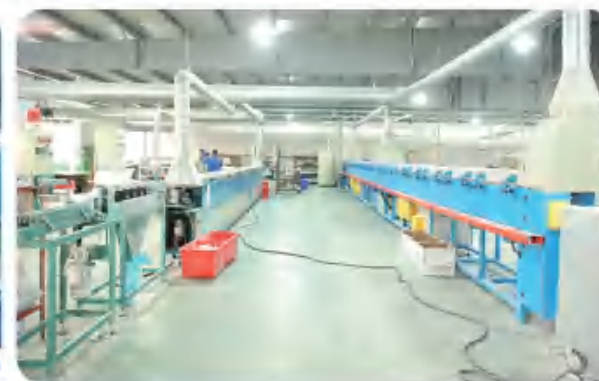
## Inspection Tool List

Tool Name	Model	ID	Condition	Person in Charge	Check Time
Digital height gauge	0-200mm	3315	Good	Fang Jian	12/31/2023
ID Dial Indicator	18-35mm	3341	Good	Fang Jian	12/31/2023
ID Dial Indicator	35-50mm	3342	Good	Fang Jian	12/31/2023
Caliper with watch	0-200mm	3307	Good	Fang Jian	12/31/2023
Digital micrometer	0-25mm	3309	Good	Fang Jian	12/31/2023
OD micrometer	25-50mm	3310	Good	Fang Jian	12/31/2023
OD micrometer	0-25mm	3311	Good	Fang Jian	12/31/2023
Digital caliper	0-150mm	3313	Good	Fang Jian	12/31/2023
Digital depth gauge	0-200mm	3312	Good	Fang Jian	12/31/2023
Groove caliper	8-150mm	3308	Good	Fang Jian	12/31/2023
Plating thickness tester	QNIX 4200/4500	3304	Good	Fang Jian	12/31/2023
Roughness tester	TR200	3305	Good	Fang Jian	12/31/2023
Rockwell hardness tester	HR150A	3302	Good	Fang Jian	12/31/2023
Shore hardness tester	LX-C	3306	Good	Fang Jian	12/31/2023
Projector	150X100	3301	Good	Fang Jian	12/31/2023
Go/No Go gauge	25.940	3323	Good	Fang Jian	12/31/2023
Go/No Go gauge	25.980	3322	Good	Fang Jian	12/31/2023
Go/No Go gauge	25.974-25.990	3327	Good	Fang Jian	12/31/2023
Go/No Go gauge	NPTF 1/8-27	3318	Good	Fang Jian	12/31/2023
Thread gauge	M10	3319	Good	Fang Jian	12/31/2023
Thread gauge	5/16-18UNC	3316	Good	Fang Jian	12/31/2023
Thread gauge	NO8-32 UNC-3B	3321	Good	Fang Jian	12/31/2023
Thread gauge	M37X1.25	3320	Good	Fang Jian	12/31/2023
Plug gauge	R0.3-1.5	3330	Good	Fang Jian	12/31/2023
Plug gauge	R1-6.5	3334	Good	Fang Jian	12/31/2023
Plug gauge	R7-14.5	3329	Good	Fang Jian	12/31/2023
Plug gauge	R15-25	3331	Good	Fang Jian	12/31/2023
Plug gauge	R25-50	3337	Good	Fang Jian	12/31/2023
Plug gauge	R52-100	3332	Good	Fang Jian	12/31/2023
Digital microscope	VGA230T 1/2.7	3342	Good	Fang Jian	12/31/2023
Height gauge	0-50mm	3343	Good	Fang Jian	12/31/2023
Universal angle ruler	0-320°	3344	Good	Fang Jian	12/31/2023
Tape measure	0-7.5m	3345	Good	Fang Jian	12/31/2023
Magnifier	Small-scale	3346	Good	Fang Jian	12/31/2023
Electronic scale	Small-scale	3202	Good	Fang Jian	12/31/2023
Multifunction hand electric drill	GBM340	3201	Good	Fang Jian	12/31/2023



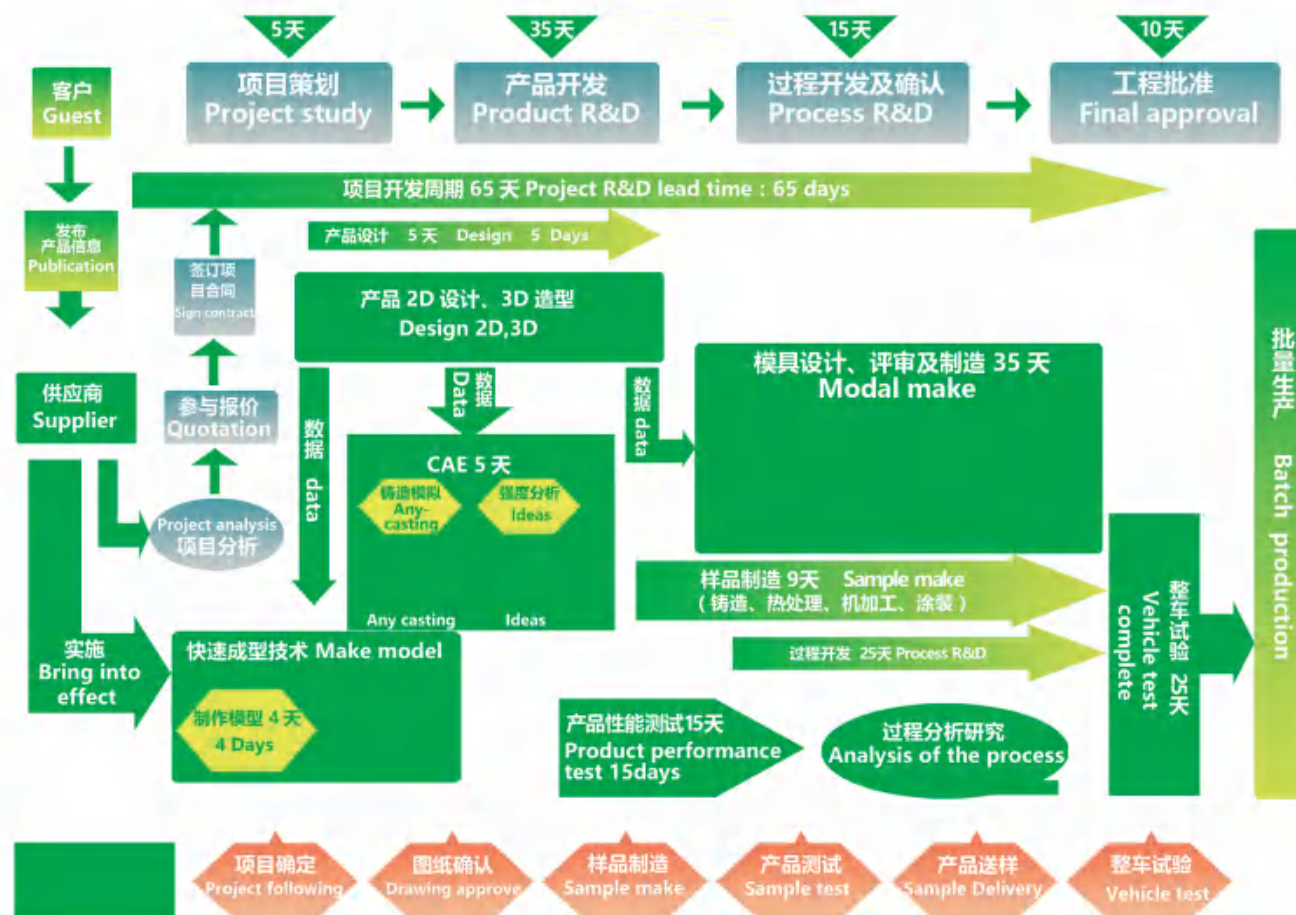


# STATE-OF-THE-ART FACILITY



# TOP-NOTCH ENGINEERING

项目开发流程图 Project Development Flow chart

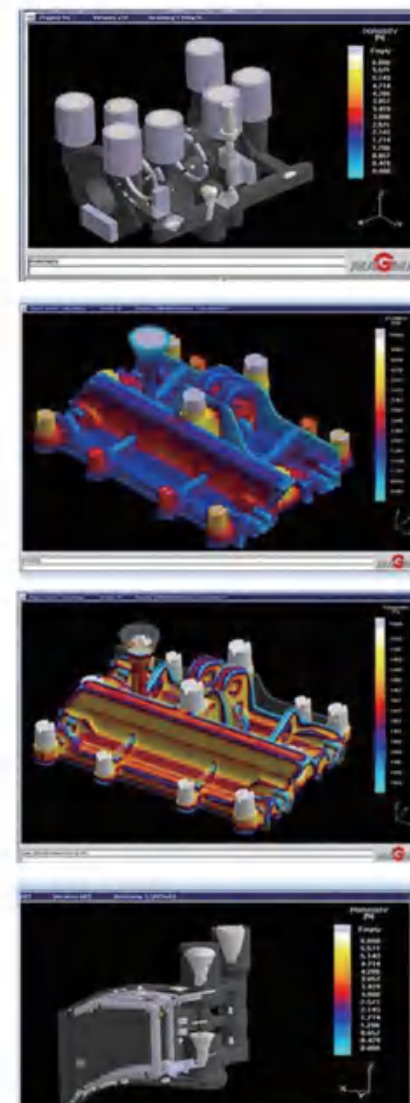


CAD/CAE/CAM  
PROCASTING

CATIA UG-NX  
POWERMILL

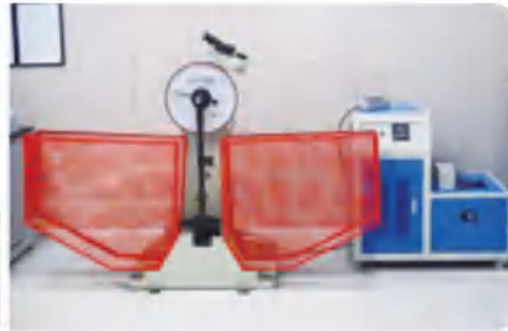
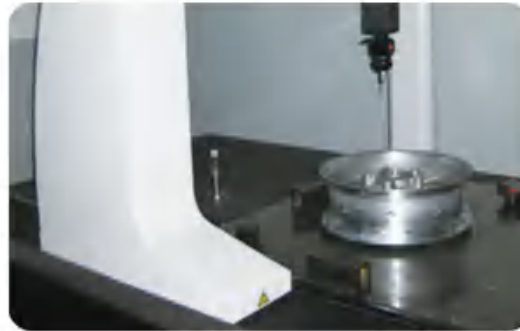
PRO/E Finite Element Analysis  
Rapid Prototype 3D Printing

Computer simulation design





# FULL INSPECTION



Hardness Test  
Spectrum  
Air-tightness Test  
Tensile-strength Test  
Impact Test  
Metallographic Test  
Projector Inspection

X-ray Inspection  
3CMM  
Balance Test  
Fatigue Test  
Salt Spray Test  
Microscope  
Roughness Test



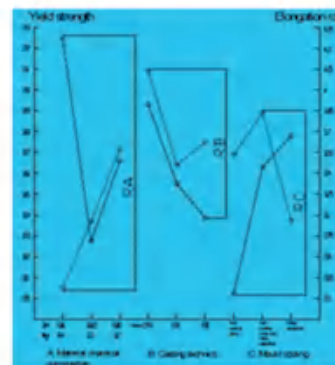
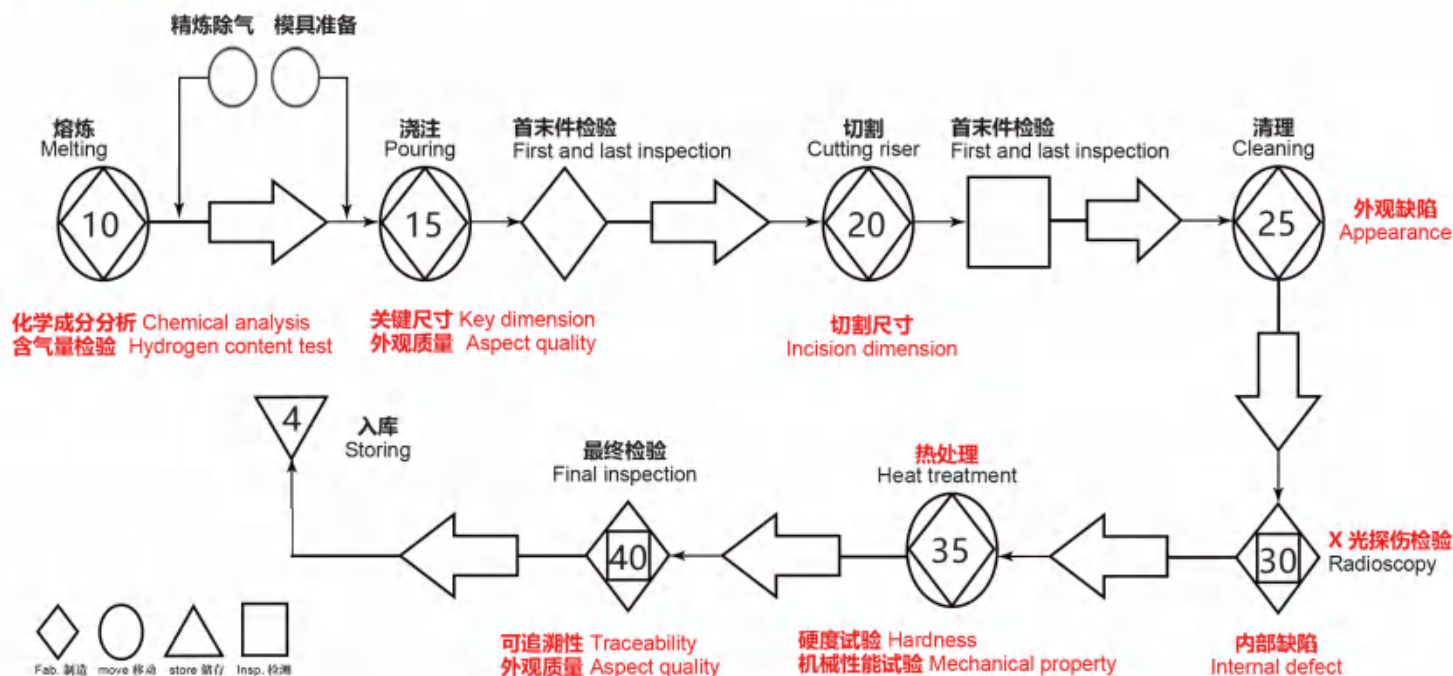
3D INSPECTION BEFORE SHIPMENT



# ADVANCED MANAGEMENT

Turn-key Solution 5S 6 Sigma DFMEA/PFMEA/CP PPAP SGS,BV,TUV Eco-friend,RoHS

Project management 95% on-time delivery



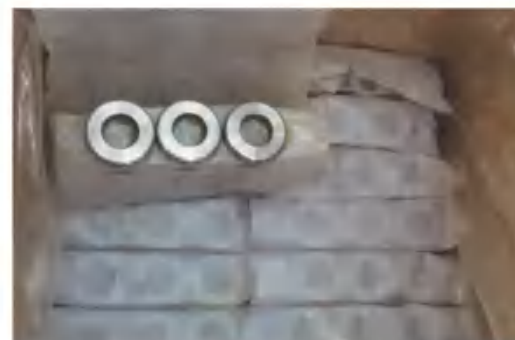
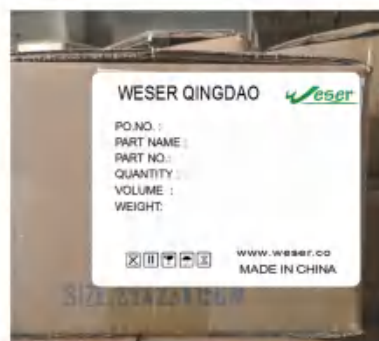
Audit Results		Pass	Fail
Quality Management System	Compliance	Yes	No
Quality Control	Compliance	Yes	No
Quality Assurance	Compliance	Yes	No
Quality Improvement	Compliance	Yes	No
Quality Training	Compliance	Yes	No
Quality Records	Compliance	Yes	No
Quality Tools	Compliance	Yes	No
Quality Culture	Compliance	Yes	No
Quality Leadership	Compliance	Yes	No
Quality Commitment	Compliance	Yes	No
Quality Communication	Compliance	Yes	No
Quality Innovation	Compliance	Yes	No
Quality Sustainability	Compliance	Yes	No

# POWERFUL CAPACITY





# PACKAGING AND SHIPMENT

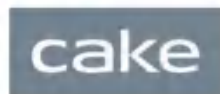
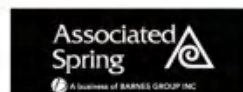
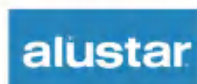
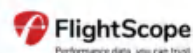




# CLIENTELE

**KÄRCHER**

德国卡赫



COMPONENTI PER ARREDI FERROVIARI  
E ACCESSORI PER CARAVANNING

**VAN LEEUWEN**



**Mobile Climate Control**

Hello Catherine,  
  
yes, perfect.  
  
Many thanks.

Malina

**Malina Maurer**  
Operative Purchasing



发件人: "Hanna Steinert" <hanna.steinert@weser.co>  
收件人: catherineliu@weser.co

Dear Catherine,

thanks for your update, this went really fast – great stuff!

Client will be really happy about it.

Will stand by for further news from your side.

Thanks Catherine – you are the best 😊

*Mit freundlichen Grüßen / With kind regards*

**Hanna Steinert**  
Supply Chain Manager

Hi Catherine,

That does make me happy 😊

Re: 发件人: "Hanna Steinert" <hanna.steinert@weser.co>  
Ma 收件人: catherineliu@weser.co

Dear Catherine,

thanks for your update, this went really fast – great

Client will be really happy about it.

Will stand by for further news from your side.

FANTASTIC NEWS! 😊  
THANK YOU SO MUCH EVERYONE,  
YOUR EFFORTS ARE TRULY  
APPRECIATED. 🙏

Any chance of a few photos so I can  
share with my team here? 🙏

Kind Regards

**Nikki Williams**



发给 Grace Sun, Nikki Williams, WL...等3人

Thanks Grace, much appreciated.  
Cheers  
Tim.

**From:** Grace Sun <gracesun@weser.co>  
**Sent:** Friday, December 22, 2023 10:58 PM

**Cc:** William Hou <sales@weser.co>  
**Subject:** Re: Re: AB011313 - Encoder Cap.

Hi Tim and Nikki,

Please kindly find the inspection report for

发件人: "Hanna Steinert" <hanna.steinert@weser.co>  
收件人: sales <sales@weser.co>, "Hanna Steinert" <hanna.steinert@weser.co>, eva.liu <eva.liu@weser.co>, maggie <maggie@weser.co>  
时间: 2018年12月12日 (周三) 02:15  
大小: 12 KB

Everyone,

The last batch of 100 Cinches we received have been perfect. They work great and assembly exactly how they are supposed to. Just wanted to thank you for correctly the issues we have had. Just wanted to say keep doing what your doing currently on the Cam Cinch and we should be smooth sailing. Thanks again for getting the issue corrected, it is very much appreciated.

Best Regards,

**Marc Gonfiotti**  
Ronin Revolution Corp. – CTO

11000 S. 10th Ave. Suite 100  
Tucson, AZ 85710 U.S.A.

Email: [marc@roninrevolution.com](mailto:marc@roninrevolution.com)  
Website: [www.roninrevolution.com](http://www.roninrevolution.com)



## CUSTOMER APPRAISAL

# WESER Know-how

Sales representatives and service offices in Europe and USA

Provide warehousing services

Daily offer to 30 RFQs

English, German, French speaking salesman 24H online

Production Base in China and Vietnam

Response any email within 12 hours

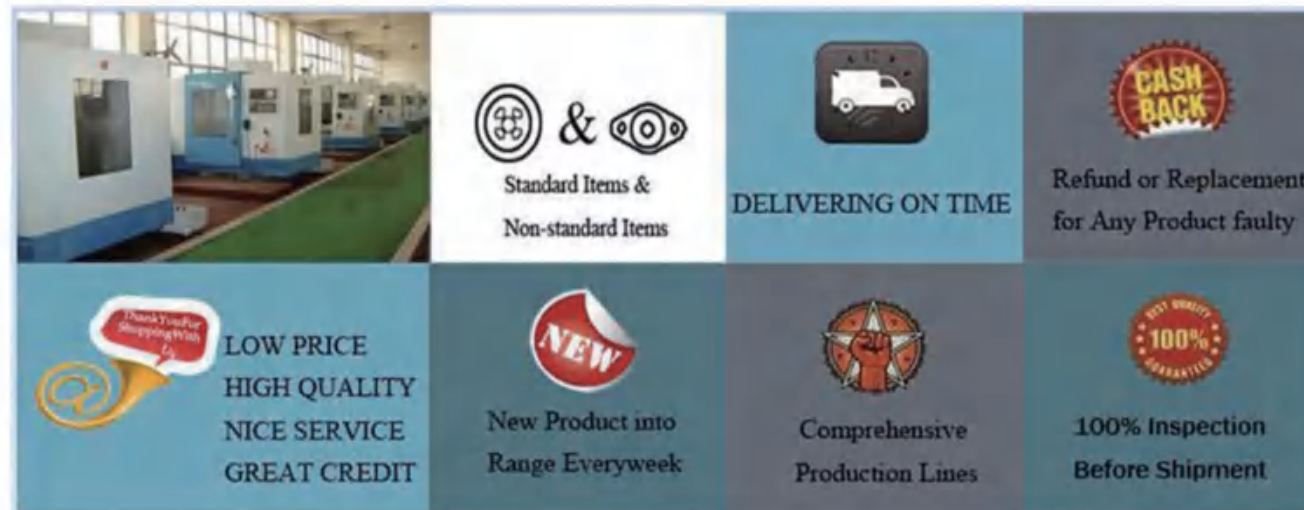
5 exhibition worldwide annually

Call on clients regularly

Talk with us on Facebook, Instagram, WhatsApp, WeChat, ZALO anytime

Customer Satisfaction Rate 98%

PPAP





# Send us a drawing or your idea



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dabai1119



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[sales@weser.co](mailto:sales@weser.co)



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0086 153 1879 7466



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