

SHIJIAZHANG NEULAND METALS TECHNOLOGY CO. , LTD

**-Your Best Custom Metal
Supplier**

2023-12

Neuland Company Profile :

Neuland is a company manufacturing and marketing of metal products 22 years.

The company has been supplying products in materials iron, steel, stainless steel, aluminum, copper, zinc etc by production methods fabrication, casting, die forging, stamping, bending and precision machining. Heat treatment, assembling and surface coating service are also available.

And over the past years, the company has grown up as a whole process solution provider for any metal product in various industries. Either your drawings can be shaped into products, or even your idea can be realized into a satisfactory product starting designing to shipping. Moreover, our engineering team is capable and more than happy to provide our proposals to you on valuable change of production method or material to best fulfill the cost reduction and function of a product.

With rich experience in metalworking technology and machining processing, we provide customer with short run and long run metal stamping service for various OEM manufacturers in wide range of industries. Quality result parts, on time delivery make Neuland different.

Company Profile

- **Business: Specialized in casting, fabrication, stamping, Forging, CNC machining and welding parts.**
 - **Staff: 70**
 - **Area: 12000m²**
 - **Production capacity: 1200tons/year**
-

Core competence:

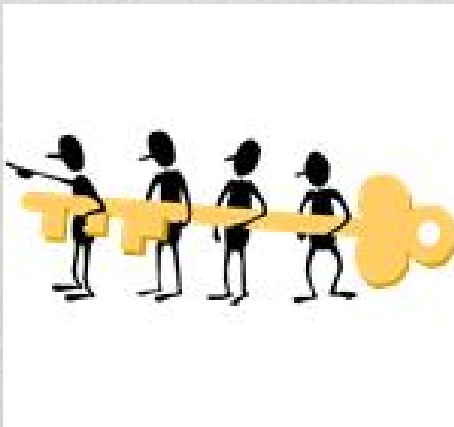
-EXPERTS IN THE STAMPING AND MACHINING

-Advanced research and development team

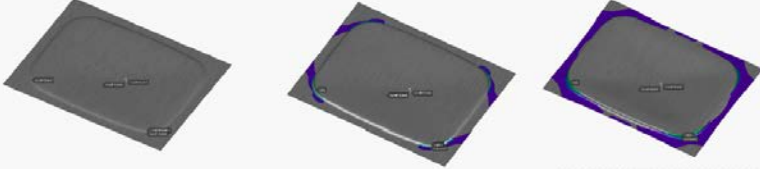
Some customers ask for our suggestions during the part designing period, and we are always happy to provide our constructive ideas.

-The experienced production technicians

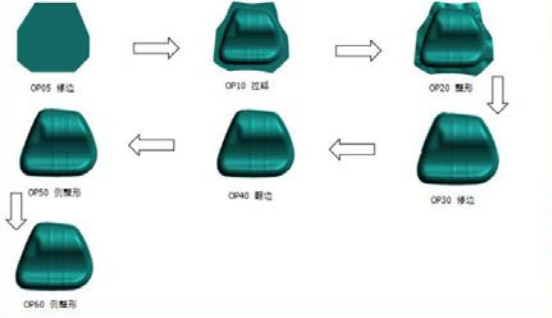
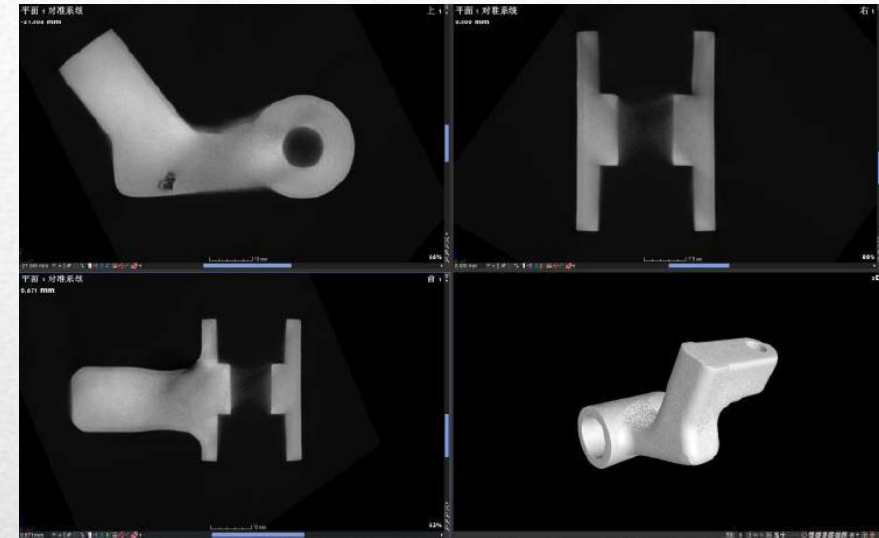
Stable employees, most of our technical employees have been working at our company more than 8 years.



R&D Research



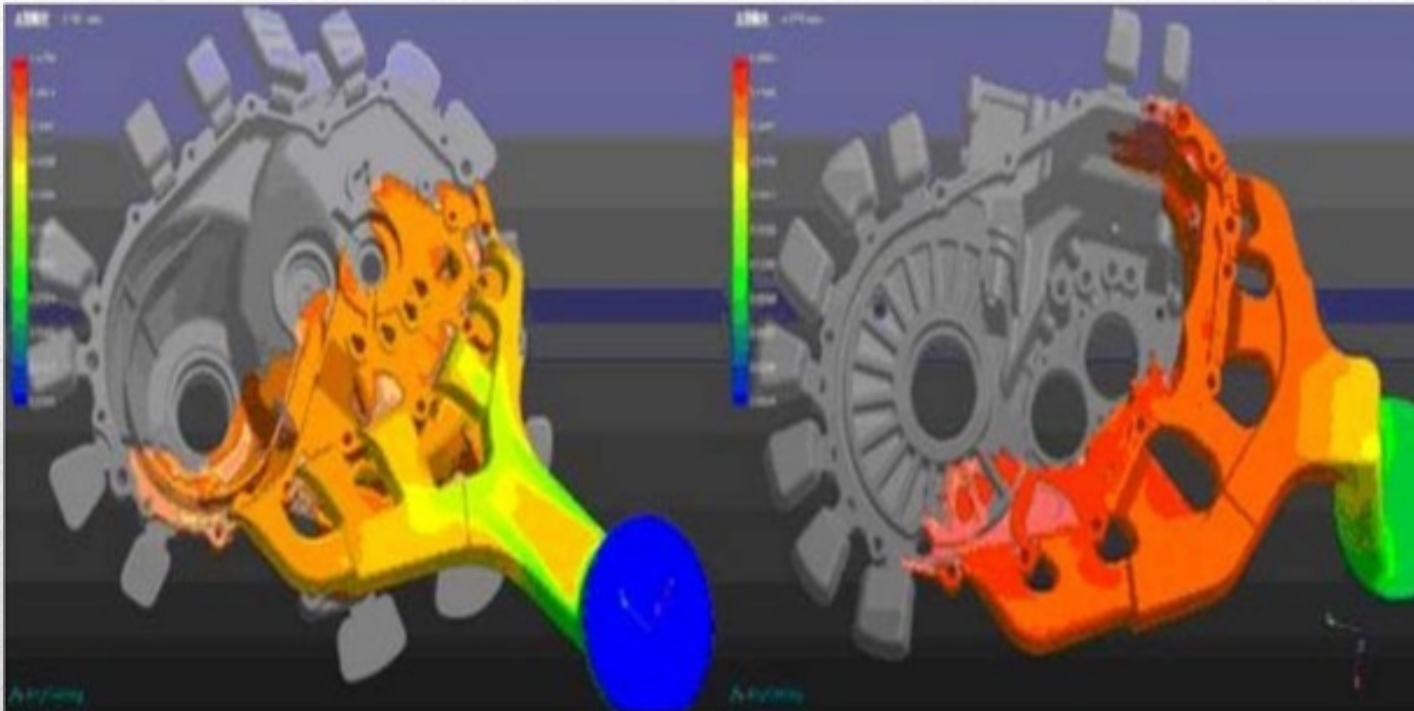
数据状态 Status of Data 零件模型 Part Model (TM&TZ) + AVS/SKD: 1922061X x 1 3D 工艺 Method, 版本 Version, 制作入 Issue: 计算 Calculating, 变量 variable, 文件 Files: 开始日期 Date of start: 完成日期 Date of finish: 人员 Personnel: 姓名 Name 部门 Dept. 工艺方案编制 Technical scheme compiled by: 模拟 Simulated by: 备注 Remarks:		零件材料 - 料片厚度 - 数据 Part's Material, Thickness and Data SUS 436 t=0.8mm (图纸材料) 14301 t=0.8 (替代材料) autoform 自带材料 板料形状 Sharp of sheet metal ☐ 方料 Rectangle ☐ 梯形料 Trapezion ☐ 扇形料 Curve ☐ 不规则料 Irregular 料片方向 Direction of sheet metal ☐ 凸模 Male die ☐ 凹模 Female die 拉伸方式 Drawing mode ☒ 单站 Single ☐ 双站 Double
符合模具技术要求 meet the specification of drawing simulation ☒ 是 YES ☐ 否 NO		模具软件/版本 Program and Version: Autoform v4.4 模拟结果 Result of Simulation: -Pass 模拟结果评价 Evaluation of Simulation Result: ☐ 失败 Failure 根据技术要求中拉伸模拟标准 As per Drawing Simulation Specification: 21-10-300045, 版本 Version: 11.22.01.2004 ☐ 危险 Danger ☒ 通过 Pass

- Use AutoForm software for new product development
- Use CT Non destructive testing to verify the new product and process

Products development process

Simulation and flow analysis



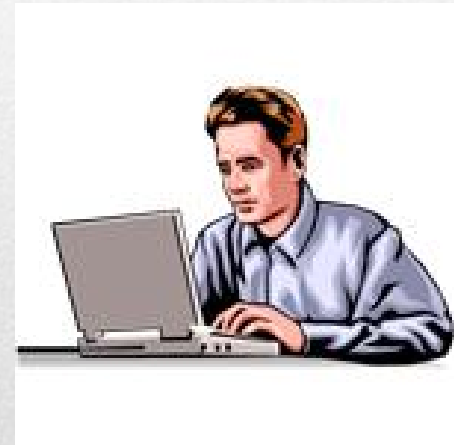
Human power

Total employees: 70

Senior engineers : 3

Primary and middle engineer : 2

QC employees: 8



Capability:

Material include: Steel/Stainless steel/aluminum/bronze

- 1. Precision casting:** Lost wax molding process
 - 2. Fabrication and Stamping:** Piecing and blanking
Bending, Spinning
 - 3. CNC machining:** CNC Lathe, Grinding, drilling, milling, polishing, Machining center.
 - 4. Welding:** Argon arc welding, Gas welding, Plasma welding
-

Investment casting - Wax Production



Wax Injection 射蜡

Products size: 0.2kg- 60kgs



Wax Burr Removing 蜡件修理

Investment casting - Wax Production



Wax Tree Assembling 组树



Wax Trees 蜡树



Investment casting -Pouring



Main equipment and capability

Material preparation



Laser cutting 3000W, 12000W.
Total 3 sets



Quality control quipment



光谱仪
A spectrometer



- Spectrometer
- Charpy test machine
- Tensile strength/Elongation test machine
- Metallurgical microscope
- Hardness test machine x 2

Main equipment and capability

Stamping Equipment:



Punching machine, hydraulic press machine,
16T, 100T, 250T.
Total 19 sets



Main equipment and capability

Stamping Equipment:



Digital press machine for parts with big qty and several steps.



Main equipment and capability



Bending, Spinning
and fabrication



Main equipment and capability



Bending and Welding: MIG,
MAG,
GTAW,



Machining equipment



Main equipment and capability

Precision Machining Equipment:



Horizontal machining center – 6 sets

Vertical machining center – 8 sets

CNC turning - 16 sets

Quality control equipment- Material control



Spectrometer for Chemical analysis
光谱分析仪



Tensile Testing Machine
拉伸试验机

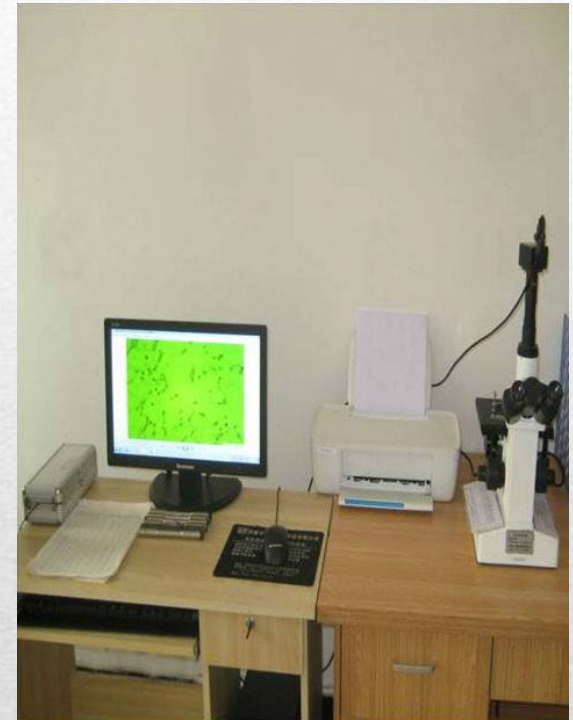
Quality control equipment- Material control



Rockwell Hardness Tester
洛氏硬度计



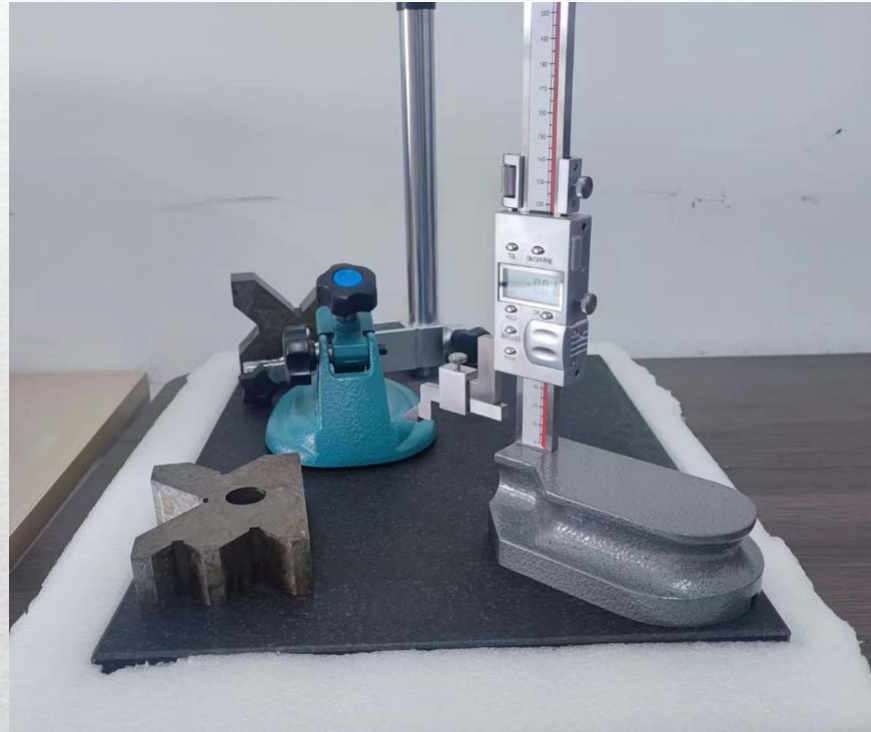
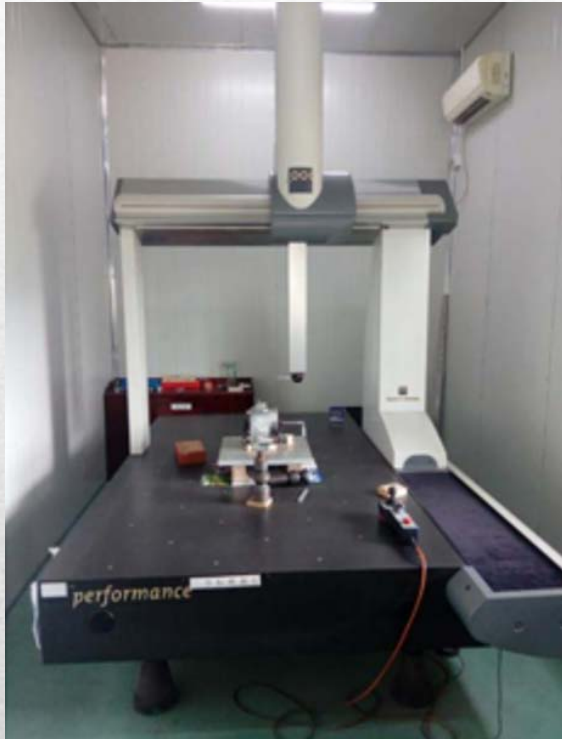
Brinell Hardness Tester
布氏硬度计



Metallographic Microscope
金相显微镜

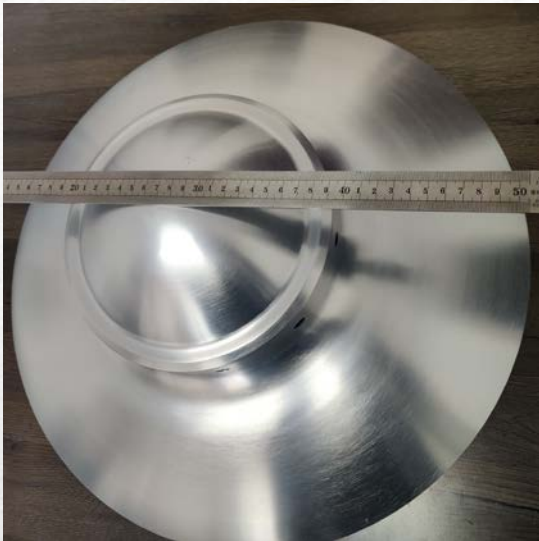
Quality control equipment

-Dimension and appearance inspect



CMM, Regular Caliper and Customized Gauge
三坐标，常规量具和定制专用检具

Products show:



**Steel and Aluminum
Spinning parts**

With surface coating

Products show:



Products show: For construction industry



Products show: For Home furnishings



Products show: For machinery

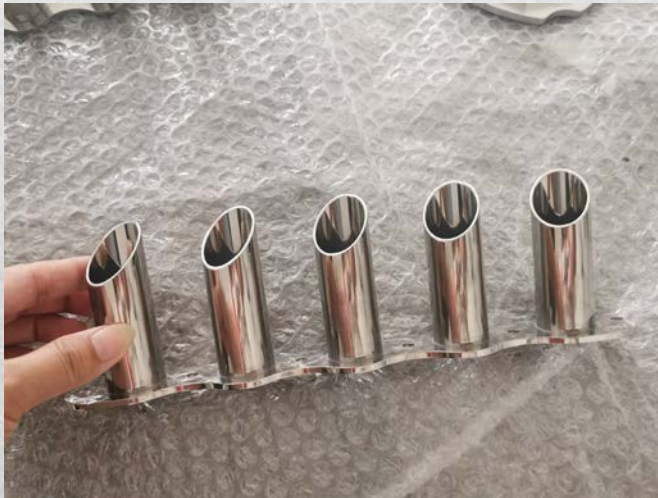


Nozzle for cleaning machine



Frame

Products show: Coffee machine parts



Products show:



Car Hitch parts for tires and bicycles

Stamping, welding, powder coating and assembling process applied.

Parts Show



Main Product show



**RV braking
system plug
in SS304**



Parts Show



**Food machine parts
in SS304 and SS316**



Packing and stocking

包装仓储



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**We believe we can be
your qualified partner!
Thank you!**

