

COMPANY PROFILE

RUIDEBAO PRECISION

**Custom Gauging, Inspection Fixtures
and Precision Machining**

From Drawing to Verified Measurement

WUXI, CHINA



Focused on custom inspection and precision work

Founded in 2012, Ruidebao Precision develops and manufactures custom gauging, inspection fixtures, automated measurement systems and precision-machined components for industrial customers.

01

Custom inspection solutions

02

Measurement system integration

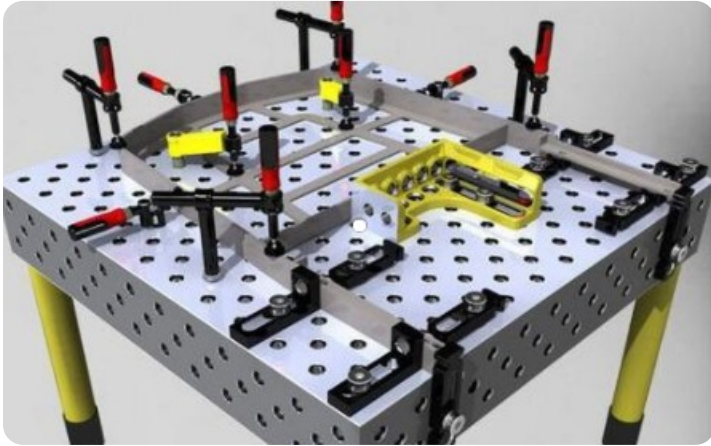
03

Precision manufacturing support



Production and measurement area

Three capability lines support one technical review



Functional Gauges & Inspection Fixtures

Custom shop-floor checks for dimensional, positional, profile and assembly requirements.



Automated Gauging & SPC

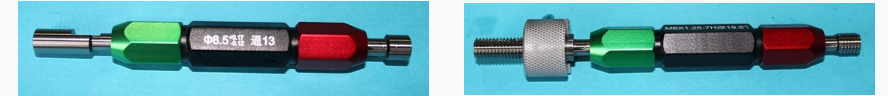
Multi-parameter measurement, data acquisition and SPC-oriented workstations.



Precision Machining

Precision parts, tooling, fixture components and mold-related components.

Purpose-built gauges make routine checks faster



Gauge scope

- Limit, thread and depth gauges
- Coaxiality, taper and profile gauges
- Go/no-go snap gauges and custom functional gauges
- Built around customer drawings and specified inspection requirements

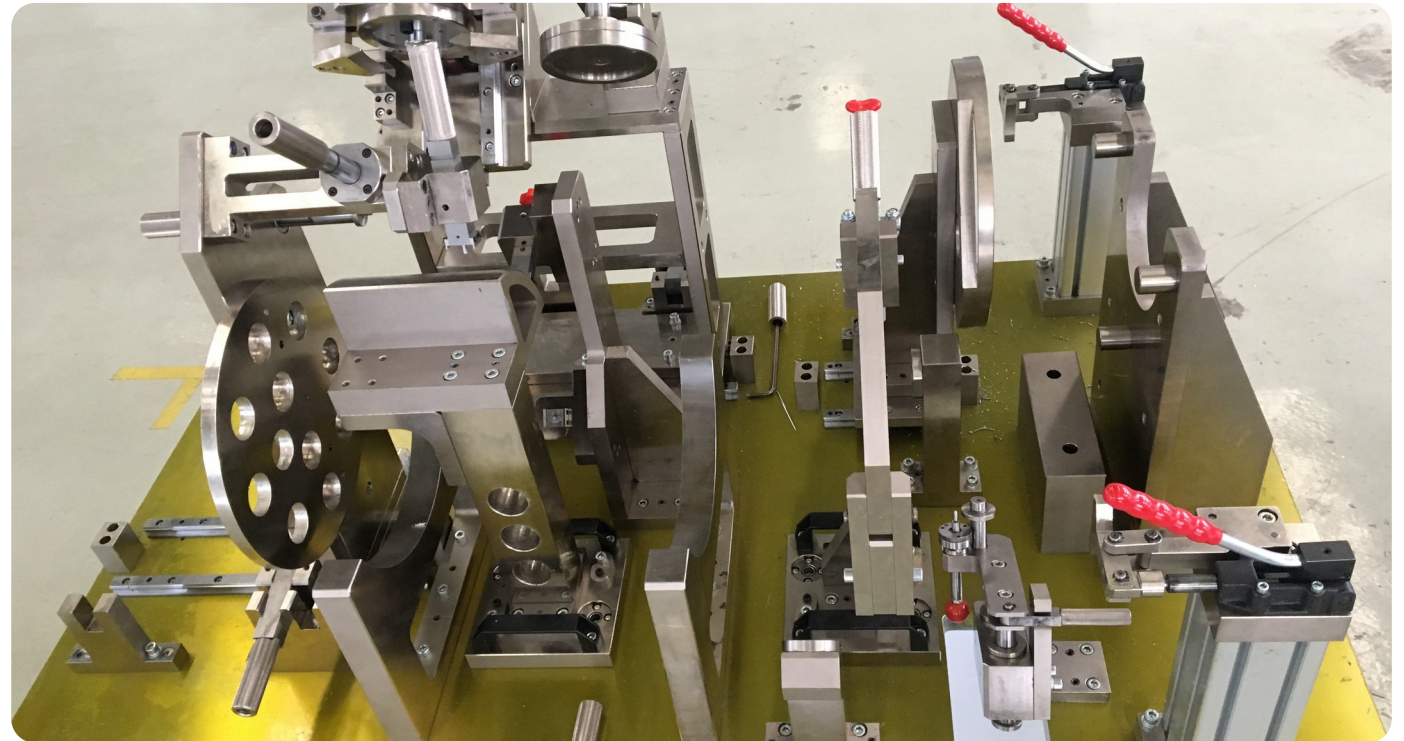
Application

Fast in-process and final dimensional verification

Fixtures support repeatable part and assembly checks

Custom fixtures can combine dimensional and geometric checks in a repeatable shop-floor setup.

- Dimensional and position inspection
- Profile and perpendicularity checks
- Combined functional inspection
- Mechanical tooling and special-purpose fixtures
- Assembly-condition simulation where required



Measurement links multi-parameter inspection with SPC

Configured for multi-parameter inspection

- Shaft-part checks such as diameter, distance and runout
- Gear-related checks including M-value, runout and taper
- Manual, one-button or automated inspection concepts
- SPC workstations for measurement data analysis
- Remote or wireless operation where configured



Machining supports parts, tooling and inspection projects



Machining processes

- Machining centers
- 5-axis machining
- CNC turning
- Grinding
- Wire EDM

Precision parts | Tooling components | Fixture components | Mold-related parts

Dedicated equipment supports the core machining chain

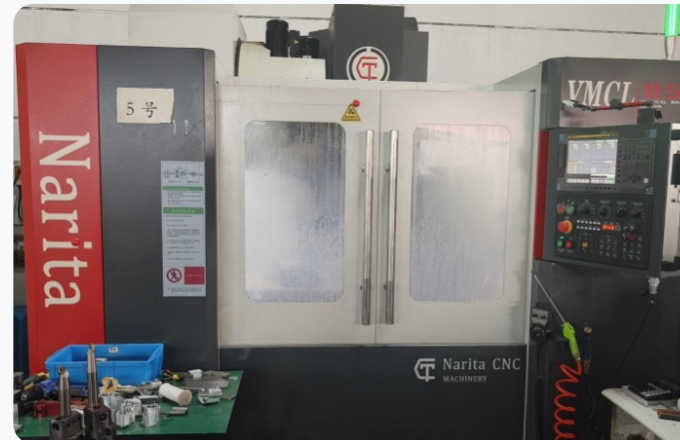
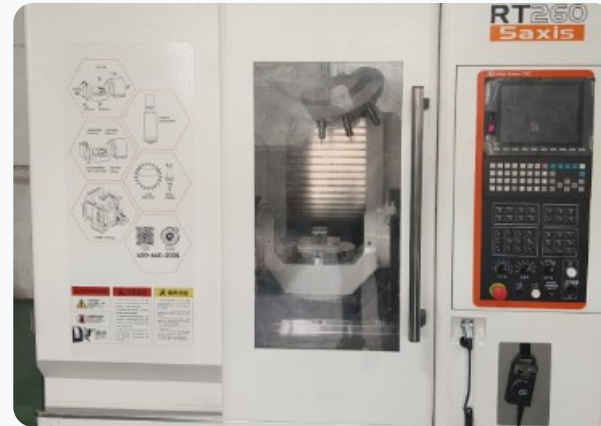
01 Machining centers

02 5-axis machining

03 CNC turning

04 Grinding

05 Wire EDM



Measurement resources support controlled delivery



Quality management system

GB/T 19001-2016 / ISO 9001:2015

Certificate 125724Q0055R0S

Valid through 13 June 2027

Certified scope: machining of mechanical precision parts

Measurement resources include ZEISS CMM and Mahr roundness / contour systems.

SELECTED PROJECT EXPERIENCE

Experience supporting precision component projects for international manufacturers

BOSCH

mitsubishi heavy industries

Precision component machining support for projects involving these manufacturers.



START WITH YOUR DRAWING

Send your RFQ for a technical review

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Telegram Scan QR



TELEGRAM

FOR A FASTER RFQ REVIEW

2D / 3D drawings

Material

Quantity

Critical tolerances

Inspection
requirements

Delivery destination