

About Us

From Equipment Selection to Installation, Commissioning, Process Training, Consumables Supply, and End-of-Life Equipment Recycling, Our 10-Year Experienced Engineering Team Provides Full-Process Support.

Founded in 2018 in Jinan, Jinan Ruijin CNC Technology Co., Ltd. is a national high-tech enterprise specializing in intelligent metal grinding and deburring equipment. The company has overcome the challenge of consistent processing for complex workpieces and holds 27 invention patents. It serves over 500 global manufacturers, having processed more than 20 million metal components. Ruijin provides efficient precision machining solutions for industries including automotive, aerospace, and medical fields.

The three hidden costs of metal part deburring that 90% of manufacturers are facing:

- ▶ Manual grinding exhibits significant efficiency fluctuations, making quality control difficult to standardize.
- ▶ Complex Laser Cutting Parts Residual Gouges Cause Customer Claims
- ▶ Traditional equipment wears out quickly, and maintenance costs eat up profits.

Service Commitment

- The entire machine comes with a 2-year warranty plus lifetime maintenance. During the warranty period, any quality-related issues will be repaired or replaced free of charge, and 100 trial grinding samples will be provided free of charge.
- A rigorous quality management system ensures product compliance through end-to-end quality control, from production to final testing.
- 24/7 engineer response, providing timely and effective after-sales service, with rapid technical support and solutions.
- Schedule regular customer follow-ups to understand product usage, collect customer feedback, and improve service quality

Customer Value

- The system boosts production efficiency by cutting down processing time by 80% per unit compared to manual methods. A single machine can replace six workers in manual grinding, saving both time and labor costs.
- Capable of performing complex machining operations, enhancing product processing consistency, and reducing defect rates
- Product rework rate dropped from 8% to 0.3% (based on actual measurements by auto parts manufacturers)
- The device has a service life exceeding 100,000 hours and supports remote IoT maintenance.

Technical Hard Power

- The company combines over 10 R&D and design engineers at the industry's forefront with cutting-edge innovation technologies and robust manufacturing capabilities.
- The machining accuracy is $\pm 0.1\text{mm}$, and the burr removal rate is 99.7%.
- Compatible with 12 types of materials including titanium alloy, aluminum alloy and stainless steel.

automobile making : A new energy battery tray supplier customized a fully automated deburring production line, boosting the yield rate from 88% to 97.5% and saving 2.7 million yuan in annual quality inspection costs.

aerospace : Titanium alloy turbine blade deburring system eliminates manual errors, reducing single-piece processing time to 15 seconds and tripling customer production capacity.

medical apparatus and instruments : The multi-angle precision grinding solution for surgical instruments, certified by FDA production environment standards, empowers clients to penetrate the high-end North American market.

MB-800BBL

Classic Sanding Band Deburring Machine

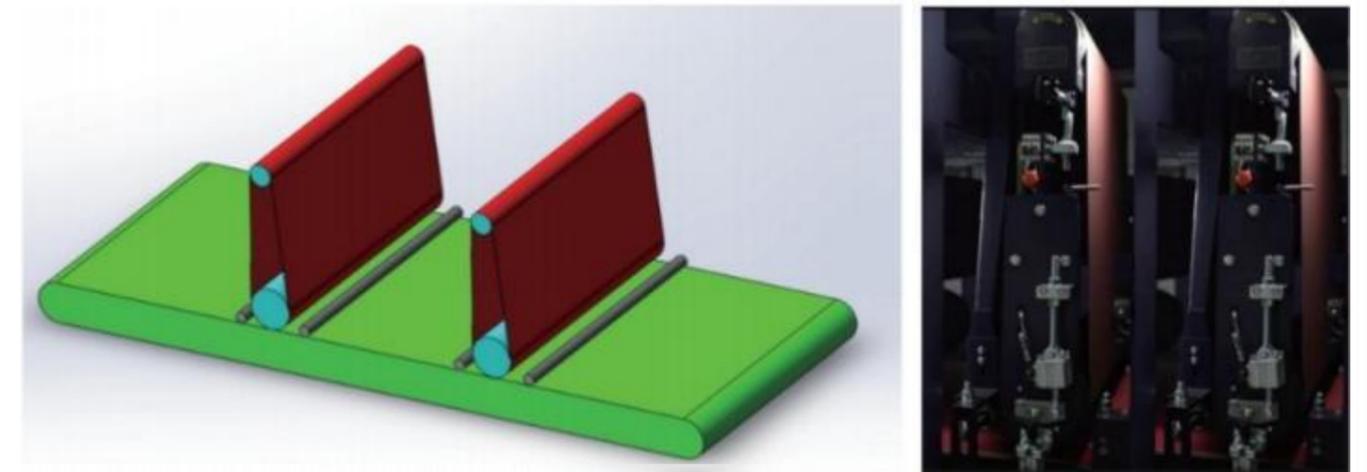


Technical Parameter

Technical Parameter

Workbench width	800mm
Working thickness	1-80mm
Feed rate	1-8 m/min (frequency adjustable)
Belt speed	2.2-11 m/s (frequency adjustable)
Orbital velocity	9-19 r/min (frequency adjustable)
Maximum power	17 KW (excluding dust collector)
Rated voltage	AC 380V/50Hz
Pressure	0.6-0.8Mpa
Weight	1600kg

*Processing materials: carbon steel plate, stainless steel, copper, aluminum, and other metal materials



Functional Characteristics Functional Features

- Surface drawing, slag removal, and burr elimination
- Automatic cleaning of the adsorption chamber
- intelligent sensing protection

Navar

MB-800BB/1000BB

Classic Sanding Band Deburring Machine



Technical Parameter

Technical Parameter

Workbench width	800mm/1000mm/1300mm
Working thickness	1-80mm
Feed rate	1-8 m/min (frequency adjustable)
Belt speed	2.2-11 m/s (frequency adjustable)
Brush speed	9-18 r/s (frequency adjustable)
Orbital velocity	9-19 r/min (frequency adjustable)
Maximum power	17 KW/24KW (excluding dust collectors)
Rated voltage AC	380V/50Hz
Pressure	0.6-0.8Mpa
Weight	1600kg/1900kg

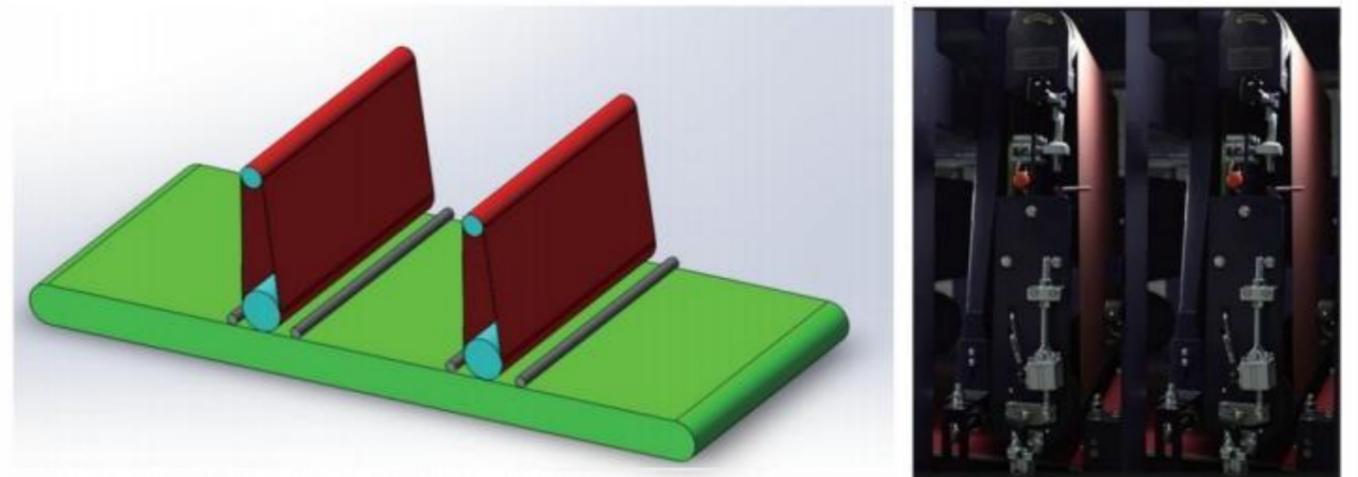
functional characteristics

Functional Features.

- Surface drawing, slag removal, and burr elimination
- Strong adsorption capability, suitable for smaller workpieces
- abrasive automatic compensation
- Process parameter memory

PLC Navar

- Automatic cleaning of the adsorption chamber
- intelligent sensing protection
- Abrasive replacement reminder



MB-800BBR/1000BBR/1300BBR

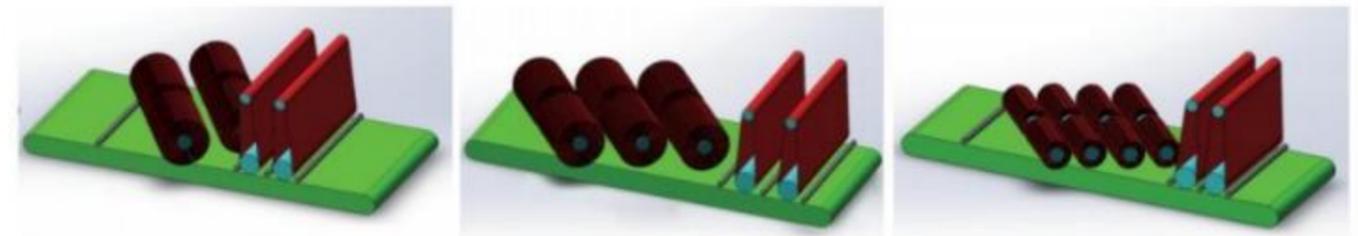
Performance Belt Roller Brush Deburring Machine



Technical Parameter

Technical Parameter

Workbench width	800mm/1000mm/1300mm
Working thickness	1-80mm
Feed rate	1-8 m/min (frequency adjustable)
Belt speed	2.2-11 m/s (frequency adjustable)
Brush speed	9-18 r/s (frequency adjustable)
Orbital velocity	9-19 r/min (frequency adjustable)
Maximum power	25KW/34KW/34KW (without dust collector)
Rated voltage AC	380V/50Hz
Pressure	0.6-0.8Mpa
Weight	3500kg/4200kg/4200kg



Functional Characteristics

Functional Features

- Surface drawing, slag removal, and burr elimination
- Uniformly rounded corners for inner and outer contours
- Strong adsorption capability, suitable for smaller workpieces
- abrasive automatic compensation

PLC Navar

- Process parameter memory
- Automatic cleaning of the adsorption chamber
- intelligent sensing protection
- Abrasive replacement reminder

MB-800BRB/1000BRB/1300BRB

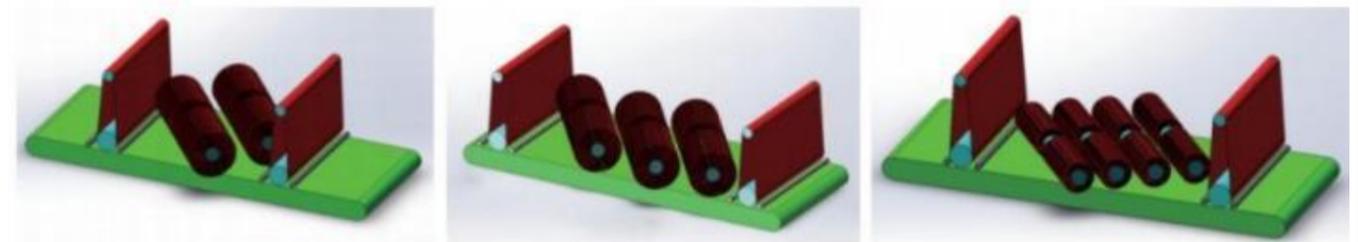
Performance-Grade Sanding Belt Roller Brush Wire Drawing Deburring Machine



Technical Parameter

Technical Parameter

Workbench width	800mm/1000mm/1300mm
Working thickness	1-80mm
Feed rate	1-8 m/min (frequency adjustable)
Belt speed	2.2-11 m/s (frequency adjustable)
Brush speed	9-18 r/s (frequency adjustable)
Orbital velocity	9-19 r/min (frequency adjustable)
Maximum power	25KW/34KW/34KW (without dust collector)
Rated voltage AC	380V/50Hz
Pressure	0.6-0.8Mpa
Weight	3500kg/4200kg/4200kg



Functional Characteristics

Functional Features

PLC Navar

Surface drawing, slag removal, and burr elimination

Uniformly rounded corners for inner and outer contours

Strong adsorption capability, suitable for smaller workpieces

abrasive automatic compensation

Process parameter memory

Automatic cleaning of the adsorption chamber

intelligent sensing protection

Abrasive replacement reminder

Ingredients and consumables

Ingredients And Consumables



receive



Process sample display

Display Of Processed Samples

