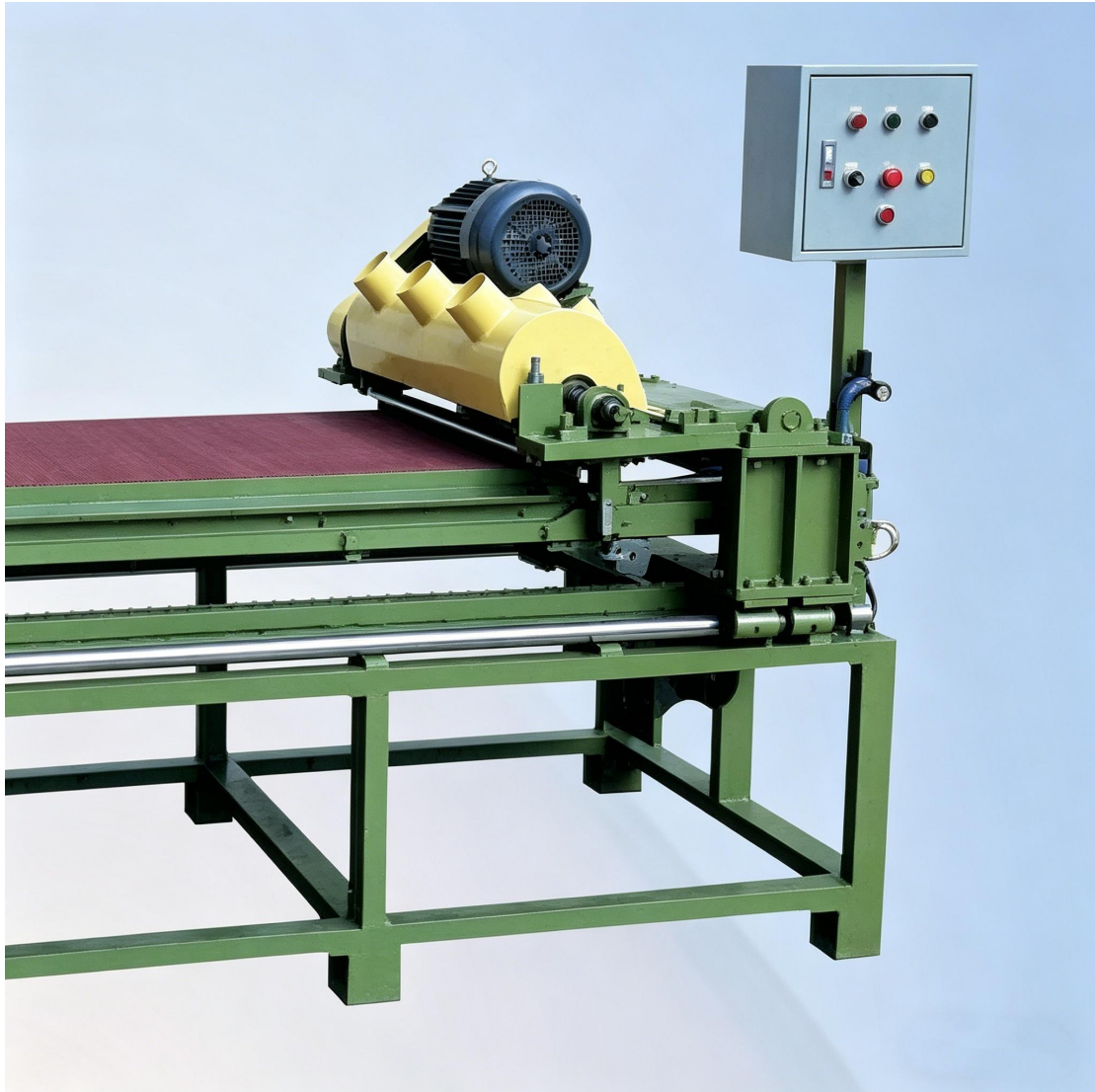


## Sole Rhombic and Surface Roughening Machine



[Product Name]

Sole Rhombic and Surface Roughening Machine

[Product Positioning]

A specialized surface treatment equipment for the shoemaking industry, integrating rhombic pattern embossing and sole

roughening. It accurately processes various sole materials (EVA, PVC, rubber sheets, etc.), achieving anti-slip texture formation and surface roughness enhancement. It helps shoe factories achieve standardized, efficient production and ensures reliable sole bonding and anti-slip performance.

#### [Application Scope]

Suitable for sole processing of various shoe types (casual shoes, work shoes, beach shoes, etc.) and pre-bonding treatment of shoe materials. Widely used in small and medium-sized shoe factories, shoemaking assembly lines and shoe material processing plants.

#### [Core Advantages]

1. Integrated Dual Processes: No equipment replacement required; complete rhombic embossing and surface roughening simultaneously to simplify processes, boost efficiency and reduce process losses.
2. Multi-material Compatibility: Works with mainstream sole materials (EVA, PVC, rubber sheets, etc.). Adjustable pressure and speed to meet diverse processing needs.

3. High Efficiency & Automation: Automatic conveying and precise transmission ensure stable operation. Seamlessly connects to production lines, suitable for 24-hour mass production.

4. Easy Operation: Visual control panel with simple parameter adjustment allows operators to get started quickly. Easy to maintain.

5. Safe and Durable: Multiple safety protections, wear-resistant core components, few wearing parts, simple daily maintenance, and low long-term operating costs.

#### [Technical Parameters]

Applicable materials: EVA, PVC, rubber sheets, etc.; Embossing precision: adjustable (supports pattern customization); Roughening range: fits conventional sole sizes (customizable); Conveying speed: 0.5-5m/min (stepless adjustable); Motor power: 2.2-4kW (optional); Working voltage: AC 220V/380V (supports 110V overseas customization); Equipment net weight: 200-350kg; Working pressure: 0.1-0.5MPa (adjustable).

#### [Operation Instructions]

Before startup, check the power supply, clean the equipment, adjust appropriate parameters, and put it into operation after a normal no-load test run. Place soles on the conveyor belt, start the equipment to complete embossing and roughening, and adjust parameters in real time to ensure quality. After operation, turn off the machine, clean it and cut off the main power supply.

#### [Safety Notes]

Operators must wear labor protection equipment and are prohibited from touching moving modules during equipment operation. In case of abnormalities, press the emergency stop button immediately, cut off the power for inspection, and never operate with faults.

Non-professionals are forbidden to operate or maintain the equipment, and ensure the power supply is firmly grounded.

#### [Maintenance]

Clean the equipment and add lubricating oil daily. Inspect lines and fasten components weekly. Replace worn parts and calibrate parameters monthly. For long-term storage, keep the equipment dust-proof and rust-proof in a dry, ventilated environment.

#### [Troubleshooting]

Failure to start: Check power supply and reset the emergency stop button. Abnormal vibration/noise: Fasten components, replace worn parts and add lubricating oil. Unclear embossing: Increase pressure and replace modules. Uneven roughening: Stabilize conveying speed and replace the grinding wheel. Electrical failure: Inspect lines and replace damaged components.

[After-sales Service]

Free 12-month warranty from delivery (excluding human damage and force majeure). Free on-site installation, commissioning and pre-job training are provided, along with 7×24-hour technical support and long-term accessory supply to ensure stable equipment operation.