FIVE-STATION SURFACE BELT SANDER

This machine is suitable for surface grinding and polishing of various knives, cutlery, hardware tools, and other workpieces in large-scale production. It is easy to operate and can continuously and efficiently complete the roughing, fine grinding, and polishing processes of products in one go, resulting in high production efficiency.

Single unit dimensions and weight specifications:
Length: 4100mm Width: 1438mm Height: 2150mm
Weight: 4900KG

Technical Specifications

- Belt size: 2290*280mm
- Conveyor belt size: 7950*280mm
- Polishing wheel diameter: 300mm
- Maximum grinding height: 70mm
- Maximum grinding width: 270mm
- Main motor: 7.5kw*5
- Oscillation motor: 0.25kw*4 0.37kw
- Conveyor belt speed control motor: 1.5kw
- Water pump: 1.5kw
- Separator: 250w
- Demagnetizer: 200w
- Lubrication system: Centralized central lubrication pump
- Air source pressure range: 0.5Mpa

MANUAL SERRATION MACHINE

Equipped with a self-developed high rigidity spindle structure, the spindle undergoes hardening and high-frequency heat treatment processes for durability, and the support end uses self-aligning bearings.

The welded one-piece base is made of stainless steel sheet metal with a strict waterproof installation process.

The grinding wheel is dressed by a steel roller-type grinding wheel dressing wheel, which can crush or reshape various contour grinding surfaces required for the workpiece. The workpiece can be ground by the grinding wheel through manual pressure plate pushing.

It is an economical machine with high production output.

CNC SERRATION MACHINE

This machine is suitable for serration on various types of cutting tools, scissors, and wire stripping pliers. It features a CNC three-axis linkage system that allows for importing programmed files or manually writing programs to dress the grinding wheel. Additionally, it can accommodate different serration types by changing the wheel, offering multiple grinding wheel dressing methods to meet diverse production requirements and enhance product manufacturing efficiency.

Technical Specifications

- Spindle drive power: Star-delta asynchronous motor 7.5kw
- Grinding wheel size: Below 150-300mm
- Mechanical transmission methods:
  - X-axis: P3 Heavy-duty roller linear guide (optional cylindrical linear guide) / C3 or P4 ground ball screw
  - Y-axis: P3 Heavy-duty roller linear guide (optional cylindrical linear guide) / C3 or P4 ground ball screw
  - Z-axis: P3 Heavy-duty roller linear guide (optional cylindrical linear guide) / C3 or P4 ground ball screw
- Drive system: Bus absolute value motor
- Lubrication system: Centralized central lubrication pump
- CNC system: WEIHONG system