

SD300-WJS+3D

FINE DEBURRING AND EDGE ROUNDING MACHINE FOR PUNCHING, STAMPING, FINE BLANKING, FLAT MACHINING, AND POWDER METAL PARTS

APPLICATIONS

The machine is used for fine deburring and edge rounding process of punching, stamping, fine blanking, flat machining, and powder metal parts with minor burrs and sharp edges. It is most suitable for processing high volume punching, stamping, or fine blanking parts directly off the presses. Due to the heavy parts volume, this type of machines can be placed strategically right after the presses for minimum travel distances.



HIGHLIGHTS

- Work stations: combination of one wide abrasive belt head and three planetary disk brush stations. Each work station can be used individually or as combinations. Each work station has its own individual servo lifting
- Magnetic conveyor to process small ferrous parts
- Conveyor belt quick change design. By changing to a specific conveyor belt to accommodate parts with special humps/shapes, so the parts can sit flat
- Integrated PLC control
- High efficiency with minimum maintenance required
- Live load monitoring of each work station
- Automatic abrasive compensation (optional configuration)
- Oil mist separator (optional configuration)
- Automatic cutting fluid/coolant filtration and recycling unit



GOOD FIT MATERIALS

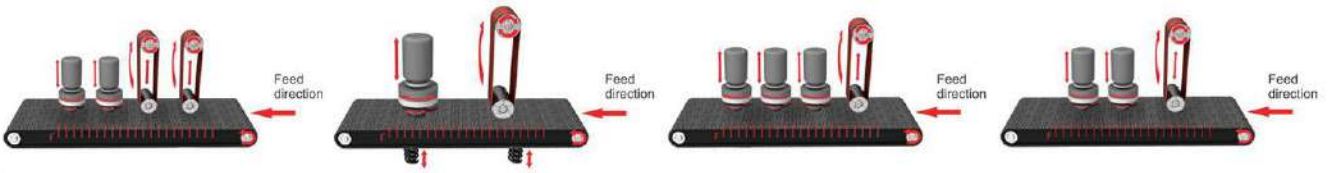


TECHNICAL DATASHEET

Maximum working width: 300mm	Disk brush diameter: φ165mm
Maximum working thickness: 200mm	Conveyor table height: 940mm
Conveyor speed: 1-5m/min	Wide abrasive belt size: 1900x300mm
Disk brush rotational speed: 150-1480r/min VFD	Planetary rotational speed: 10-50r/min VFD
Conveyor type: VFD variable speed control	Total power: 23kw
Weight: 4500KGS	Machine dimensions: 4950x1450x2150mm

MORE MACHINE MODELS AVAILABLE (MODULAR DESIGN)

Various combinations of wide abrasive belt heads and planetary disk brush stations are available



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Applications: A simpler and dry operation version of SD300-WJS+3D.



HIGHLIGHTS

- Feed through type, parts batch processing
- Work stations: single wide abrasive belt head + single planetary disk brush station
- Work stations can be used together or individually
- Magnetic conveyor to process small ferrous parts
- Easy hands-on, straightforward operation, LED light built-in
- Compact floor layout



• **Good fit materials:** Ferrous materials