

# SD300-WJS+3D

## FINE BLANKING PARTS DEBURRING AND EDGE ROUNDING MACHINE

### APPLICATIONS

SD300-WJS+3D is ideal for deburring, edge rounding, and surface smoothing of fine blanking, punching, flat precision machined parts. It is most suitable and highly efficient for processing high volume fine blanking parts coming directly from the presses.

### MACHINE CHARACTERISTIC OVERVIEW

- Wet operation
- 4 work stations: 1 wide abrasive belt head, 3 planetary disk brush stations. Each work station has individual motorized lifting
- Standard magnetic conveyor table to reduce minimum part size required. It is capable of processing most of ferrous part.
- Wet operation to prolong consumable's life span, and cool down the parts during the process to minimize parts deformation.
- Water soluble cutting fluid is used
- Very robust machine structure, low maintenance cost
- Conveyor feed through type, high efficiency
- Capable of programming automatic abrasive compensation over a time frame
- Automatic cutting fluid filtration unit



### OPTIONAL CONFIGURATION

- Automatic flipping and looping conveyor
- Optional de-magnetizing unit at machine exit.
- Planetary disk brush stations only

### TECHNICAL DATASHEET

Maximum working width	12"
Working thickness range	.04" - 8"
Conveyor feeding rate	1.64 ft - 16.4 ft/min
Planetary disk brush rotational speed	0-1480r/min (Variable speed by VFD)
Conveyor feeding	1.64 ft-16.4 ft/min Variable speed adjustable by VFD)
Machine weight	9921 lbs
Disk brush dimension	Φ 6.5"
Conveyor table height (fixed)	37"
Wide abrasive belt dimension	75" x 12"
Planetary rotational speed	10-50r/min (Variable speed by VFD)
Total power	31 HP
Machine dimension	195" x 57" x 85"