

SD300-JS+D

FLEXIBLE AND EFFICIENT DEBURRING, EDGE ROUNDING, AND FINISHING MACHINE

SD300-JS+D would be the optimal choice for small flat punching, fine blanking, and precision machined parts.

APPLICATIONS

Deburring, edge rounding, and flash removal for punching, shearing, laser cutting parts. It keeps parts original thickness, deburring and rounding the edges and holes on the parts. It is widely used in processing automobile parts, and precision machined parts.



IDEAL PARTS

Carbon steel, stainless steel, aluminum

Thickness range: .04" and up

Minimum part size: 1.2" x 1.2" (steel)

MACHINE CHARACTERISTIC OVERVIEW

- Dry operation
- Conveyor feed through type, high efficiency
- One pass for both deburring and edge rounding.
- Wide abrasive belt head for sanding out bigger size burrs, planetary disk brush station for precision deburring and edge rounding
- Two work stations can operate individually or together to meet each specific requirement.
- Standard magnetic conveyor table to reduce minimum part size required. It is capable of processing most of ferrous parts, also configurable of vacuum conveyor table for processing stainless steel and non-ferrous parts
- Straight forward and user-friendly operation
- Auxiliary LED lighting inside machine
- Dust collection hood is installed inside the machine.
- Small machine footprint



TECHNICAL DATASHEET

Maximum working width	12"
Machine opening	0 - 4"
Conveyor feeding rate	1.64 ft - 10 ft/min
Disk brush quantity of planetary station	3
Abrasive media	Wide abrasive belt, various type disk brush available (Dupont Fiber, Sand paper+Scotch Brite....)
Planetary disk brush station main motor	4 HP
Wide abrasive belt head main motor	5 HP
Machine weight	3968 lbs

OPTIONAL CONFIGURATION

- For parts with bigger burrs, dual wide abrasive belt head (2JS) configuration is available.
- For parts with only sharp edges or minor burrs, planetary disk brush stations alone is available. Wet operation is also available.
- For wet operation machine, optional machine exit air knife and water squeeze is available for drying the parts.
- Optional de-magnetizing unit at machine exit.