SG1030-WJS+DB

WET OPERATION SURFACE SANDING, FINISHING, DEBURRING, AND EDGE ROUNDING MACHINE

APPLICATIONS

SG1030-WJS+DB would be best suitable for wet operation deburring, edge rounding, as well as surface sanding and finishing of punching, shearing, laser cutting parts. It is able to efficiently clean and smoothen sharp edges as well as significantly improve surface roughness.

MACHINE CHARACTERISTIC OVERVIEW

- Wet operation, there will be no deformation of parts during the process, therefore better surface result.
- Conveyor feed through type, high efficiency
- First wide abrasive belt head for initial sanding, and zig-zag disk brush station for deburring and edge rounding. Last polishing barrel brush station for fine polishing on the surface. Each station can work individually or together.
- Other combinations of work station are also available.
- Optional magnetic conveyor bed to accommodate and process small parts
- Straight forward and user-friendly operation
- Auxiliary LED lighting inside machine
- Automatic cutting fluid filtration unit

IDEAL PARTS

All non-ferrous metals, thermal sensitive materials, and etc.
Thickness range: .04" - 3.2", larger machine opening up to 4.3" is available

TECHNICAL DATASHEET

Maximum working width	39.4"
working thickness range	.04" - 3.2"
Conveyor feeding rate	6.6 ft - 30 ft/min
Disk brush dimension	Φ 6.5"
Machine weight	7716 lbs
Consumables	Disk brushes (various type available), polishing barrel (various type available), wide abrasive belt
Disk brush station power	10 HP
Wide abrasive belt power	15 HP
Polishing barrel brush power	10 HP

OPTIONAL CONFIGURATION

- A combination of multi zig-zag disk brush station using various kinds of abrasive medias for deburring, edge rounding, and improving surface roughness
- Double stage heavy duty wide abrasive belt heads available for heavy slags removal and edge cleaning
- Multi stage wide abrasive belt heads available to achieve final desired surface finishing result
- Maximum working width available is 50.4"
- Maximum 4 work stations configuration
- Wet vacuum conveyor is available