

SGP800

HIGH EFFICIENCY AND COST EFFECTIVE DEBURRING, EDGE ROUNDING, AND SURFACE FINISHING MACHINE

APPLICATIONS

SGP800 is a very versatile machine model. The wide abrasive belt head is capable of sanding down and removing the bigger burrs on the parts, or using it for whole surface finishing purpose such as No.4 finishing. The planetary abrasive barrel station that consists of 4 abrasive barrels (2 in clockwise rotation, and 2 in counter-clockwise rotation) will further rounds the edges and the contours. It is suitable for parts from laser cutting, punching, shearing, and etc, generally with small/medium burrs and sharp edges. It produces much more consistent result of deburring and edge rounding in significantly higher efficiency than using manual tools. There will be no more metal dust just dispersing into the air, which will be efficiently extracted from the machine.



SGP800

IDEAL PARTS

Carbon steel, stainless steel, aluminum, copper, and etc.
 Parts with protective vinyl film (machine will not damage the film, therefore protect the surface underneath)
 Working thickness range from .02" - 3.9"
 Carbon steel parts that require large radius on the edges



MACHINE CHARACTERISTIC OVERVIEW

- Dry operation
- Wide abrasive belt head for sanding out the burrs or surface finishing
- Planetary type abrasive barrel station for further edge rounding, 4 abrasive barrels, and planetary rotation
- Vacuum conveyor table to accommodate small parts, smallest parts available 2" x 2"
- Planetary abrasive barrel station will only focus on the edges and contours of the parts, minimum effect on the whole surface
- Capable of processing minor formed/profiled parts
- Long life span of consumables
- Straight forward and user-friendly operation
- Auxiliary LED lighting inside machine
- Dust collection hood is installed inside the machine.



SP800

TECHNICAL DATASHEET

Maximum working width	31.5"	Abrasive barrel station power	7.4 HP
Machine opening	0" - 4"	Machine weight	5512 lbs
Conveyor feeding rate	1.64 ft - 16.4 ft/min	No. of wide abrasive belt head	1-3
No. of abrasive barrel	4 or 4+4	Machine dimension	63" x 87" x 87"
Consumables	Abrasive barrel, wide abrasive belt		

OPTIONAL CONFIGURATION

- Additional wide abrasive belt head(s) on the front for sanding down heavier burrs or for high hardness alloy material is available, for example 2 wide abrasive belt heads.
- Additional wide abrasive belt head(s) on the back for straight line surface finishing is available, for example 1 wide abrasive belt head after the planetary abrasive barrel station.
- For carbon steel parts that requires large radius (for example .08" radius) on the edges, optional two units 4 abrasive barrel station in a row is available.