

SGP1000

METAL DEBURRING, EDGE ROUNDING AND FINISHING MACHINE

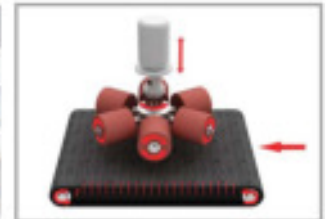
APPLICATIONS

SGP1000 is a very versatile machine model. It is suitable for parts from laser cutting, punching, shearing, and etc, generally with small/medium burrs and sharp edges. There will be no more metal dust just dispersing into the air, which will be efficiently extracted from the machine.



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, 6 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.



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" - 4"
 Carbon steel parts that require large radius on the edges

TECHNICAL DATASHEET

Maximum working width	39.4"	Abrasive media	Abrasive barrel, wide abrasive
Machine opening	0" - 4"	Abrasive barrel station power	belt 7.4 HP
Conveyor feeding rate	1.64 ft - 10 ft/min	Wide abrasive belt head power	15 HP
No. of abrasive barrel	6	Machine weight	5512 lbs

OPTIONAL CONFIGURATION

- Model SP1000. It does not have wide abrasive belt head. It is suitable for parts with good cutting quality with only minor burrs and sharp edges.
- 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.
- Working width of 51"/63" is available.