

SMC

Smith Machinery
Company, Inc.



METAL
DEBURRING MACHINE

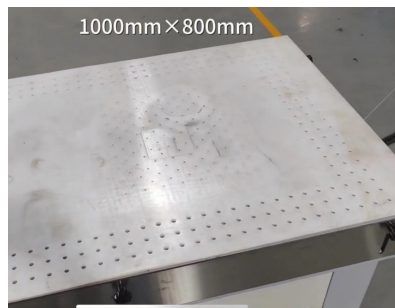
MANUAL DEBURRING MACHINE

SD-H MODEL INTRODUCTION



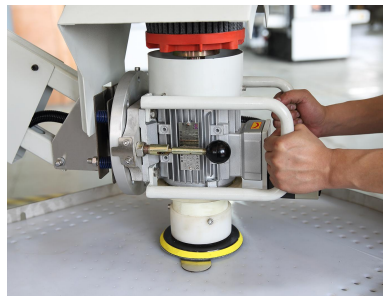
Small batch parts processing. The SD-H is a better substitute of DA sanders, orbital sanders, and other hand held grinders, and etc. It is safer for operators, substantially less stressful on operator's hands, and in the meantime higher efficiency. With numerous types of abrasive medias available, it is a flexible fit for parts coming off laser cutting/ stamping/ fine blanking/ punching/ shearing/ waterjet cutting machines with sharp edges and minor-moderate burrs.

COMPONENTS INTRODUCTION



WORKING TABLE

Table size is 1000mm*800mm with vacuum holes and dust collecting holes on four sizes.



POLISHING HEADS

There are two different polishing heads for various materials and functions. Different abrasive medias available for different applications.



AIR SPRING SUPPORTED WORKING HEAD

It can provides a " zero gravity" feel to the operators. The heads are easy to change up and down 180 degrees.



VACUUM TABLE

The vacuum table size is 330x300mm. Simply place the parts over the vacuum area, strong down draft force will hold the parts in place for safe processing.



GUARD BAR

The guard bar is adjustable to move up and down to stop parts splashing.

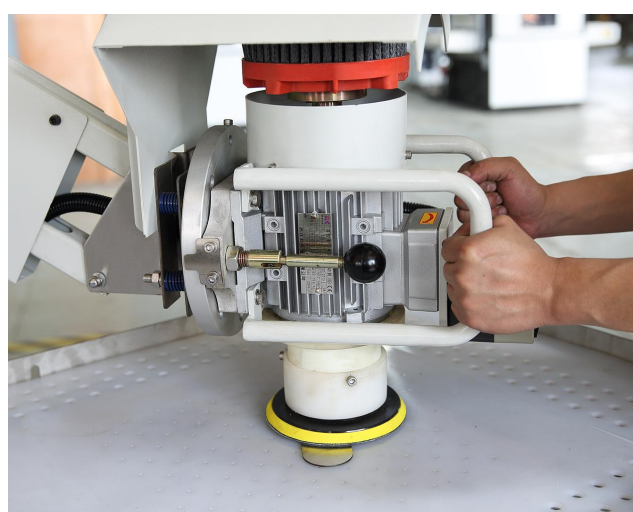


SWING ARM

The swing arm has a wide working span for extra large work piece up to 1500 x 1500 mm.

TECHNICAL DATASHEET

Vacuum area:	330x300mm
Main motor power:	0.75kw
Working table size:	1000x800mm
Number of working head:	2
Maximum working size (off the table):	1 500x1 500mm
Dust extraction requirement:	1000m3/h
Swing arm span:	1500mmx360°
Total power:	4.05kw
Working thickness range:	1-150mm
Machine dimensions:	1700x1000x1700mm



POLISHING HEAD CONSUMABLES



Abrasive flap plastic pallet



Dupont fiber Grit
available:80#

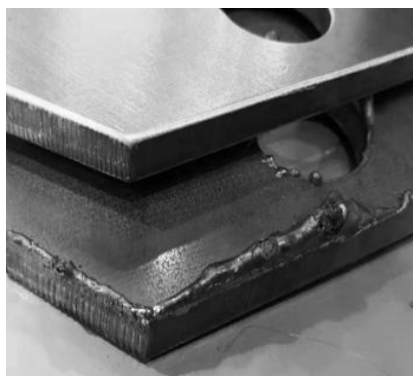


Scotch brite+sand paper
Grit available:80#, 120#,
150#,240#

POLISHING IMAGE



DEBURRING



DESLAGGING



EDGE ROUNDING



POLISHING



OXIDE REMOVAL



FINISHING

FACTORY PICTURES

