

Complete Machine Tools

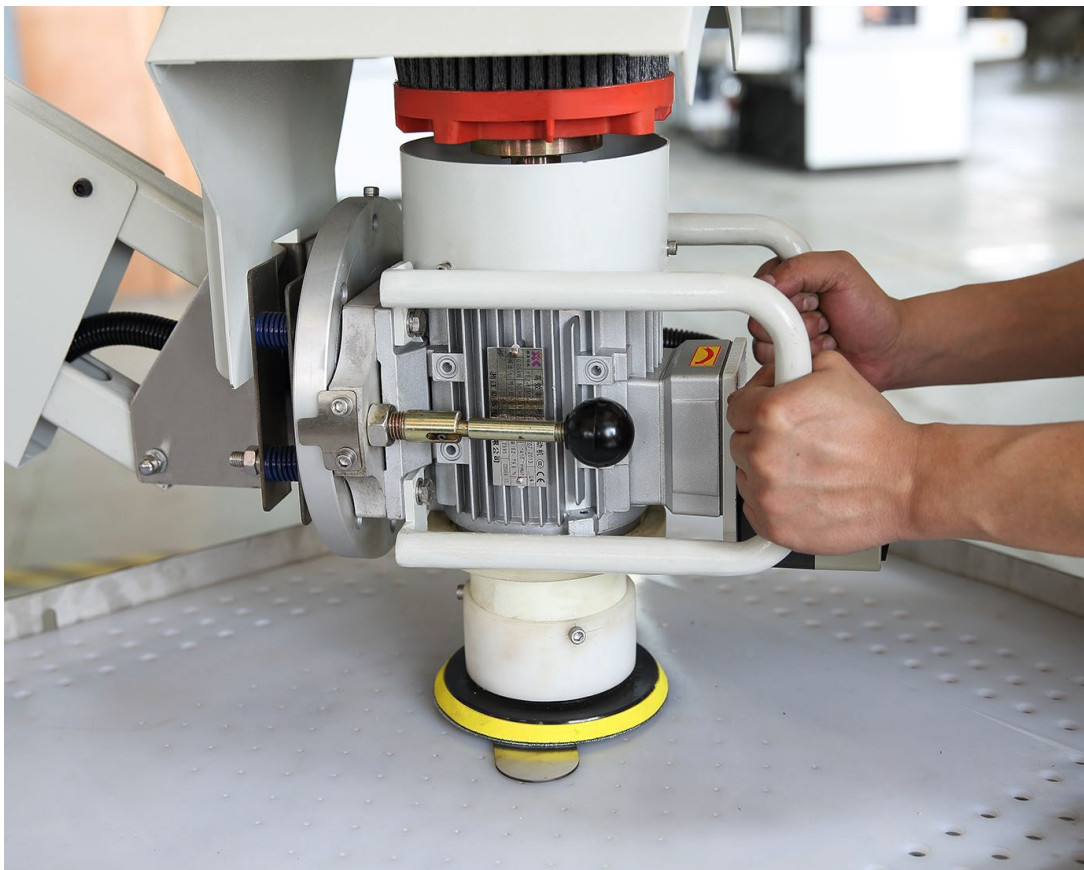
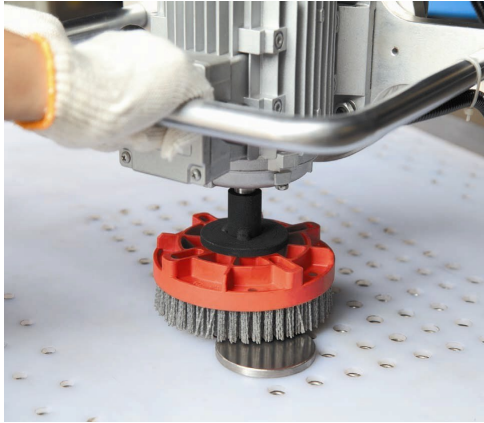
METAL DEBURRING / GRINDING MACHINE

WITH ELECTRONIC VARIABLE MOTOR SPEED

MODEL SD-H



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Horizontal and vertical operation



Applications: The Linia SD-H is suitable for small batch parts deburring and edge rounding. It has much better working efficiency and more consistent performance than traditional handheld angle grinder or orbital sanders. It does a fantastic job on deburring and edge rounding of laser cutting, punching, stamping, and some flat machined parts.

1. Machine features

High quality deburring designed for factories who have small quantities -

- 1.1 SD-H utilizes air spring support zero gravity swing arm design. The operator simply needs to grab the handles on the working head and apply certain pressure on the part to start deburring and edge rounding freely.
- 1.2 The working table also has partial vacuum area for accommodating small parts. Simply position the parts on the vacuum area, then the strong downdraft force will firmly hold the parts in place.
- 1.3 SD-H is equipped with dual abrasive disk and brush configuration which are driven by the same motor. Fast switching between the disk and brush, simply turn 180° and then lock it. Patented design of quick consumable change of the abrasive disk and brush ensures time is not wasted changing out brushes.
- 1.4 The SD-H is also capable of processing oversize parts (larger than the working table), if it is within the swing arm span. The safety rails can be lowered and the oversized part laid on the table with an over hang.

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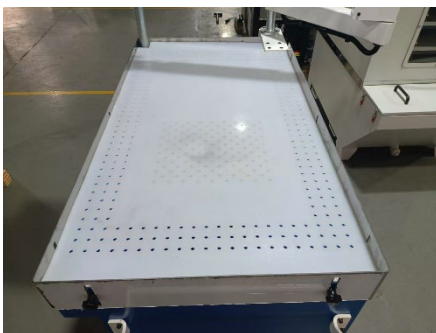
- 1.5 The motor uses an inverter which allows infinitely variable speed of the brush, there is a adjustment knob on the control cabinet that allows the user to change the brush speed depending on the application and allows better results.
- 1.6 The vacuum table has a tray catchment under it so all the dust and debris will be collected and stored in this area so no other equipment is needed in order to contain the dust and debris.
- 1.7 Consumables included with the machine –

1x Abrasive flap plastic pallet
30 x abrasive flaps
2 x Dupont fiber brushes
1 x Scotch brite + sand paper brush

NB - If there is some work pieces' size bigger than said working size, you still can process within the cantilever working range, size of workpiece cannot be larger than this.




Variable speed knob to control motor speed



Suction Table with inbuilt suction pump

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2. Technical datasheet

Vacuum area	330x300mm	Working head power	0.75kw
Maximum part dimension (inside the working table)	1150x700mm	Work head #	2
Maximum part dimension (within the swing arm span)	1500x1500m m	Dust extraction capacity	1000m ³ /h
Swing arm span	1500mmx360 °	Total power	4.05kw
Part thickness range	1-150mm	Machine dimension	1450x750x1700mm

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3. Typical processed parts



Consumables:

- 1.1 Abrasive flap, abrasive material is from Germany, Kingspore (**red one**) Diameter 150mm | Grit available:80#,
- 1.2 Abrasive flap plastic pallet (**yellow one**)



2、 Top brush:
Dupont fiber

Diameter:165mm
Grit available:80#



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3. Scotch Brite sand paper

Grit available:80#, 120#, 150#,240#

