

SDGB1000/SDDDB1000

MEDIUM-THICK METAL PARTS DE-SLAGGING AND EDGE ROUNDING MACHINE

APPLICATIONS

The machine is capable of efficient de-slagging and edge rounding of medium-thick metal parts after oxy-fuel, plasma, or high power laser cutting processes.

1st station: Patterned hammer type de-slagging disk station (D) for knocking out the heavy slags.

2nd station: Same station 1 (D) or Abrasive belt head (G) for sanding on leftover molten slags.

3rd station: Abrasive flap/nylon crossbelt for final edge rounding and surface smoothing.

Advantages: Low cost on consumables, minimum noise and metal dust during the production.



IDEAL PARTS

Carbon steel, stainless steel, aluminum, and etc.

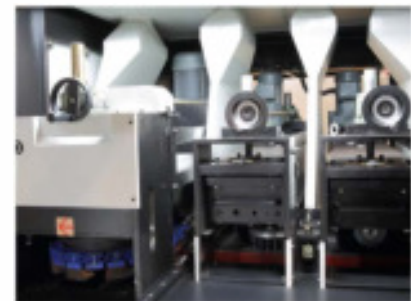
Thickness range: .04" and up

OPTIONAL CONFIGURATION

- Dry filtration barrel type dust collector with spark arrestor
- Double side top and bottom de-slagging processing

MACHINE CHARACTERISTIC OVERVIEW

- Dry operation
- Conveyor feed through type, high efficiency
- Multi work station combination, one pass process to take care both de-slagging and edge rounding
- Special hammer type de-slagging disk with minimum consumable wear and optimal de-slagging performance
- Standard magnetic conveyor bed (partial or full width), capable of processing most of small sized ferrous parts
- Straight forward and user-friendly operation
- Auxiliary LED lighting inside machine



TECHNICAL DATASHEET

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|---|-----------------------|
| Maximum working width | 39.4" |
| Minimum working length (magnetic conductive material) | 1.58" |
| Total power | 18 HP |
| Machine dimension | 91" x 93" x 77" |
| Working thickness range | .04" - 3.2" |
| Conveyor feeding rate | 1.64 ft - 16.4 ft/min |
| Machine weight | 9921 lbs |