

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

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