

## EBP ENCLOSURE BOX STROKE BELT POLISHER



The EBP Enclosure Box Stroke Belt Polisher includes special features designed for sanding of welded edges or polishing surfaces on steel enclosure boxes.

Box size capacities vary from 4"x4"x3" deep to 72"x48"x20" deep.

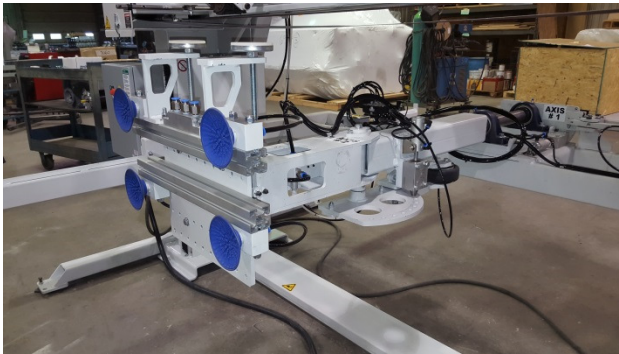
Maximum weight capacity for the enclosure box is 250 pounds.

### **DESCRIPTION OF EQUIPMENT**

- Spindle motor on sanding belt is 5 H.P., 1750 rpm
- Pulleys: 10" diameter X 6.25" face
- Abrasive belts 4" wide by 284" long at 4550 FPM, belt return in a triangle shape to allow safe access to sanding belts with manual holding pads
- Pneumatic belt tensioner with linear guides, adjustable pressure by air regulator

# DOUCET

- Multiple axis arm to hold enclosure box by the means of vacuum cups:
  - First axis is rotating 9 positions, 90 degrees apart, locked by pneumatic cylinders and friction pad, rotation is made manually, unlocked by foot pedal
  - Second axis is rotating 9 positions, 90 degrees apart, locked by pneumatic cylinders, rotation is made manually, unlocked by foot pedal
  - Third axis is rotating 4 positions, 360 degrees apart, locked by pneumatic cylinders, rotation is made manually, unlocked by foot pedal
  - End of arm is a plate with multiple holes to attach vacuum cups fixtures to the plate
  - A total of four (4) vacuum cups sets (generator, cups, hoses, etc)
  - Vertical movement of the multiple axis arm powered by electrical motor at a speed of 1" per second
- Oversized traveling bar with one (1) pressure contact wheel carriage
- One (1) manual graphite pad to apply pressure and twist belt to smooth edges



## OPTIONS

- A second abrasive belt to have simultaneously two belts with different grit ready to polish enclosure box, includes sliding safety guard cover, a second contact wheel and pneumatic tensioner and a longer stroke on the multiple axis arm to keep the 48" sanding width capacity on both belt
- Various vacuum cups fixtures jigs based on enclosures box shapes and sizes

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