

**MASS**

Main applications

- Sanding after hole plugging
- Deburring and dressing after through-hole drilling (thick panels)
- Dressing after plating
- Dressing built-up PCB
- Dressing and cleaning stainless steel press plates
- Dressing multi layers

The Plane Raze Device SV 100 removes the cured plugging paste excess after the hole plugging process from PCBs, thus receiving a very plane and flat surface. In the same time the copper is sanded down to a specified thickness all over the board.

Description of function

The panel will be fixed by vacuum to the vacuum table. The vacuum can also avoid the bending of thinner panels. The vacuum sander holds the round sandpaper, which has some holes for the grinding dust removal through the sanding device. Specially designed guides and a grinding pressure adjustment take care for the sanding results. Possible damages of the copper surface are avoided this way.

Main structure elements

- Steel welded frame
- Vacuum table, made of hard wood (Maple)
- Vacuum Sander
- Ball bearing guides and grinding pressure adjustment
- Control unit, integrated in frame work
- Filter boxes
- Vacuum unit
- Protected working area by glass cover

Technical specifications

Dimensions (W x L x H)	56"x56"x78"	1.200x1.200x1.900mm
Weight:	1150 lbs	520 kg
Vacuum Table:	31" x 31"	790 x 790 mm
Max. panel size:	30" x 30"	760 x 760 mm
	0,02 mil	0,5 µm
	0,6"	15 mm
	2 mil	0.05 mm
Precision of adjustment:	0,02 mil	0,5 µm
Max. panel thickness:	0.6"	15 mm
Min. panel thickness:	2 mil	0,05 mm
Diameter of sander:	6"	152 mm
Compressed air:	90 PSI	6 bar
Electricity:	AC 208 V 3 Phase 60 Hz 3.6 kVA	
	3 x 400 V, N, PE. 3.6 kW. 60 Hz	

