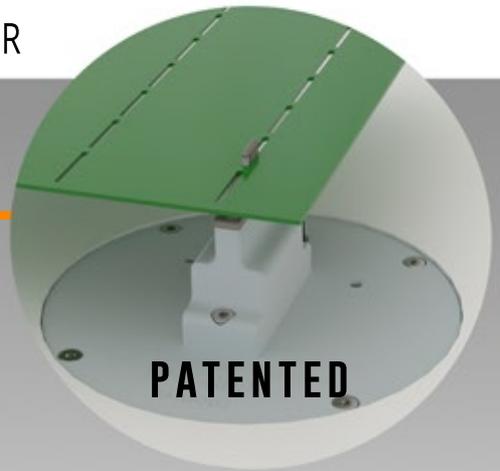


PCB DEPANELING

DPF300_{EVO}

PCB SEPARATION
WITH MILLING CUTTER



MANUAL ADJUSTABLE WORKTOP HEIGHT 900-1000-1100 MM

OPTIONAL BOX SHELVES

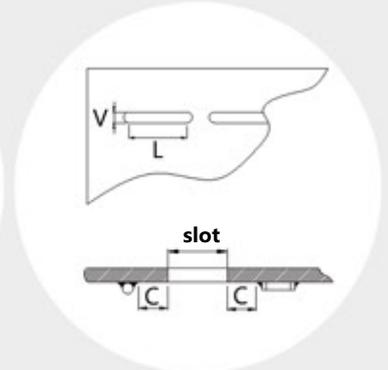
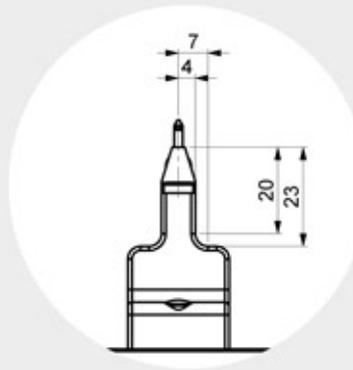
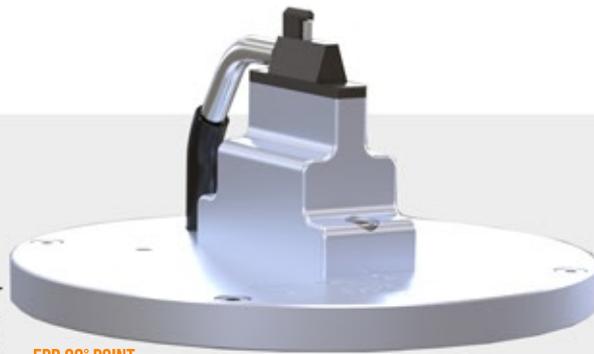


DPF300 is a manual depaneling system designed by Piergiacomì to solve needs of depanelizing of small series when the use of a pliers could aggravate the product of an excessive labour and when the use of an automatic depanelizing would not justify the cost of amortization. The main feature of DPF300 is the possibility to change in a very fast way the milling cutter and the interchangeable guide (for which Piergiacomì has a patent). The guide it is useful to quickly assist the operator to place and then to drag the circuit until the cut is done. The particular shape of the guide avoids to damage the assembled circuit if the operator inserting it wrongly doesn't match perfectly the guide inside the eyelet. The particular shape gives a total protection against possible incidents according safety rules.

PIERGIACOMI[®]
QUALITY HAND TOOLS

**FOR STRAIGHT
AND CIRCULAR BOARDS!!!**

DPF300 EVO DEPANELING SYSTEM



PCB TECH FEATURES:

MAX PCB THICKNESS: MAX 4.0MM

SLOT LENGTH (L): MIN 1MM

SLOT WIDTH (V): FOR STANDARD GUIDE 0.8 - 3.175 MM (TOLERANCE 0 / - 0.02 MM)

ISTHMUS DISTANCE FROM COMPONENTS: MIN 1MM

PCB MATERIALS: FR4, CEM, ALU (SPECIAL MILLING CUTTERS NEEDED)

MAX COMPONENTS HEIGHT: 23MM / 20MM

Piergiacomini designed and realized this new DPF300 to solve problems due to stress, break or tearing out of PCB's fibers that often occur using standard blades or manual tools and that with the increasing complexity and miniaturization it is not well tolerated. DPF300 cuts the isthmus with the same quality that has an automatic system but with lower costs. DPF300's vacuum system allows to place the system easily and quickly in each working area.

- ▲ Interchangeable guide in hardened and tempered steel. Standard thickness: 0.8 - 3.175mm
- ▲ Milling cutters in hard metal with specific geometry for FR4, CEM and aluminium cut. Standard diameters: 0.8 - 3.175mm
- ▲ Electrical micro spindle speed: max 24000 rpm.
- ▲ Integrated electrical aspiration system located directly on the interchangeable guide; with integrated cartridge filter (1" -1/4) made of polyester. BIA certified, U.S.G.C. grade M. Hepa 14 filter on request.
- ▲ Laminated ESD table with EPB 90°, ESD zinc coated steel frontal feet and rear turning wheels with brake Ø80.
- ▲ Adjustable feet to 3 worktop heights: 900-1000-1100mm
- ▲ Max components height (for components 7mm away from the milling cutter center): 23mm
- ▲ Max components height (for components 4mm away from the milling cutter center): 20mm
- ▲ Vibrations: < 2,5 m/s² - Acoustic pressure level : 80db (A), (+/-3db) measured at operator's site
- ▲ Working area needed: 164x170cm - Dimensions : 64x 70x 95(H) cm - Weight: 68 kg
- ▲ Voltage: 230V/50Hz - power: 1.1Kw - socket: 230V 2P+T SCHUKO
- ▲ Depression: 25 kPa (-250 mBar)
- ▲ Optionals: box shelves; table height adjustment via control panel with integrated memory for quick recall of saved settings; handles for moving the machine; Hepa H14 filter

Piergiacomini could change some of the product features listed in this documentation without previous notice to customers.

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