DPF 200
DEPANELING SYSTEM

DPF200 is a manual depaneling system designed by Piergiacomi to solve needs of depanellizing of small series where the use of a pliers could aggravate the product of an excessive labour and where the use of an automatic depanellizing would not justify the cost of amortization. The main feature of DPF200 is the possibility to change in a very fast way the milling cutter and the interchangeable rail (for which Piergiacomi has a patent pending). The rail 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 rail avoids to damage the assembled circuit if the operator inserting it wrongly doesn't match perfectly the rail inside the eyelet. The particular shape gives a total protection against possible incidents according safety rules.

Piergiacomi designed and realized this new DPF200 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. **DPF200 cuts the isthmus with the same quality that has an automatic system but with lower costs.** DPF200's vacuum system allows to place the system easily and quickly in each working area.

choose **Piergiacomi** technology!

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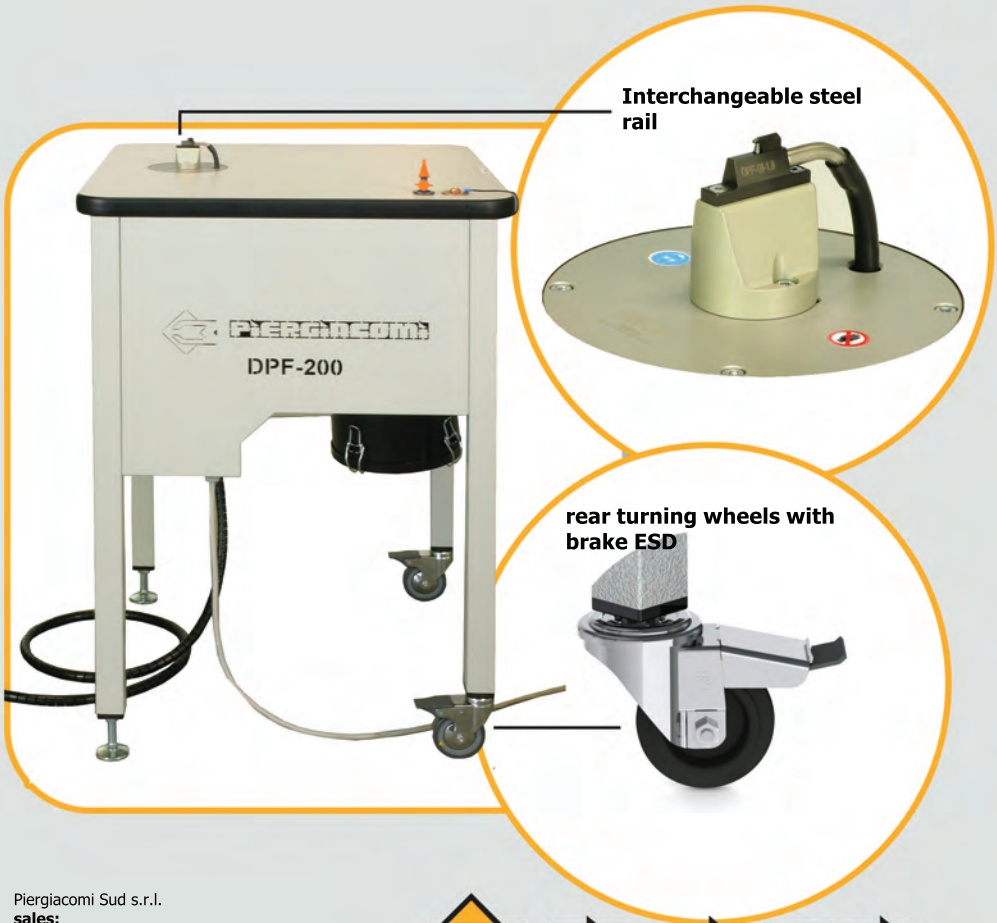
QUALITY HAND TOOLS

TECHNICAL FEATURES

- Interchangeable steel rail grinded with thickness from 1,5 to 2,5
- Rail's head location in anodized aluminium
- PCB's mac thickness 2,5 mm
- Pneumatic micro spindle speed max 60000 rpm.
- Milling cutter in hard metal with specific geometry for PCB and Aluminium cut. Diameters standard from 1,5 to 2,5
- Integrated electrical or pneumatic aspiration system located directly on the interchangeable rail; with integrated cartridge filter.
- Table structure according to ESD regulating law: laminated ESD table with EPB 90°, ESD zinc coated steel frontal feet and rear turning wheels with brake Ø80.
- Structure color: RAL7035, structure material: steel.
- Dimensions : 65x65x95 cm

EPB 90° point



TWO DIFFERENT ASPIRATION SYSTEMS AVAILABLE:

Version "P" : aspiration with pneumatic system
weigth: 35 Kg
supply pressure: 7 bar
pipe connection: Ø 8mm
air compressed consumption: max. 360 Nl/min, average 240 Nl/min
depression: 6 kPa (60 mbar)

Version "E" : aspiration with threephase/monophase electrical turbine
weigth: 55 Kg
voltage: 400V/50Hz - 230V/50Hz
power: 1.3 Kw - 1.1 Kw
socket: 400V 3P+T - 230V 2P+T SCHUKO
depression: -17 kPa (-170 mBar) - -15 kPa (-150 mBar)
supply pressure: 7 bar
pipe connection: Ø 8mm
air compressed consumption: max. 210 Nl/min, average 140 Nl/min

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