



# DPF 200

DEPANELING SYSTEM

The CHP DPF-200 is a manual router table for depaneling PCBs from a panel or multiblock. When using standard blades or manual tools to cut the PCBs from an array on a panel, stress often breaks or tears the PCB tab. The DPF-200 milling cutter cuts the tab with the same quality as an expensive automated system but at a much lower cost.

## SAFETY

The shape of the interchangeable guide rail (Patent pending) assists the operator to safely place and maneuver the PCBs until the cut is completed. This prevents damage to the PCB should the operator insert the wrong size guide rail that does not match perfectly with the geometry and size of the panel's slot.

## VACUUM

A powerful vacuum pump located at the guide rail, removes the PCB dust from the work area for a clean and healthy work environment.

## ESD TABLE CONSTRUCTION

The table is made of steel with a laminated ESD table top to protect against electrostatic discharge.



## MINIMUM VIBRATION

The table's steel construction provides a sturdy and stable working platform, and the high speed precision spindle operates at speeds up to 60,000 rpm with minimal vibration.

## PORTABLE

ESD zinc coated steel front feet and heavy duty rear casters make the system easy to move to another location.



## TECHNICAL FEATURES

- Interchangeable steel guide rail (thickness 1.5 to 2.5 mm)
- Integrated polyester cartridge filter (Class M dust filter suitable for all dust with Occupational Exposure Limits (OEL) of  $\geq 0.1 \text{ mg/m}^3$ )
- Steel guide rail head is pin located for accuracy
- Maximum PCB thickness 2.5 mm (customizable to 3.0 mm)
- Pneumatic micro spindle speed up to 60,000 rpm
- Hard steel milling cutter with specific geometry for cutting PCBs and aluminum
- Integrated electrical vacuum system is located directly on the interchangeable guide rail
- Laminated ESD table with Equipotential Bonding Point
- ESD zinc coated front feet and rear locking casters
- NOTE: Guide rail and milling bits not included and must be purchased separately.†



Equipotential Bonding Point

### † Guide Rails & Milling Bit Sizes:

- 1.5 mm
- 1.6 mm
- 1.8 mm
- 1.9 mm
- 2.0 mm
- 2.1 mm
- 2.2 mm
- 2.3 mm
- 2.4 mm
- 2.5 mm

### SPECIFICATIONS:

- Weight: 121 lbs (55 kg)
- Voltage: 120V / 60Hz
- Supply pressure: 87 PSI (600 kPa)
- Pipe connection: 0.3 in (6 mm)
- Compressed air consumption:  
max. 210 L/min (7.4 cfm)  
ave. 140 L/min (4.9 cfm)
- Dimensions:  
65 x 65 x 95 cm  
25.6 x 25.6 x 37.4 in



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