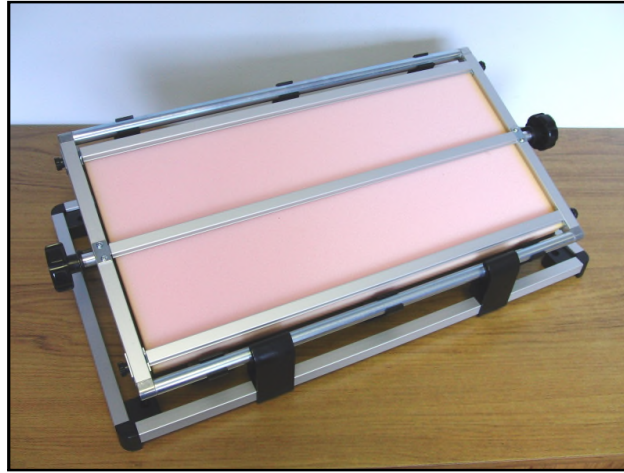


CLIFF

Printed Circuit Workframes WF series



PC Workframes are designed to facilitate components loading and soldering of small batch runs of assembled printed circuits. The 3 different size models will hold most common Euro norm sized PCB in 1 or 2 rows, depending on PCB dimensions and size of frame. The working angle is adjustable from horizontal to 45°. Components are held in place by an antistatic foam sheet. The PCB's are retained in slots in spring loaded adjustable bars. PCB's can be loaded and removed by just springing the bars - once they have been set correctly for the PCB size. This enables rapid loading - unloading in a production situation. The centre bar may be removed (by removing 2 screws), if only a single row of PCB is to be used.

Method of use:

- 1) Circuit board(s) is loaded in the frame with lid removed.
- 2) Components are inserted. Where a low profile body and high profile body components are to be used adjacent - the low ones should be loaded and 'clenched' or soldered prior to adding the high ones.
- 3) When components are all loaded, the lid assembly is closed down. The lid pressure is adjusted by 4 or 6 knobs. (4 on WF/0, 6 on WF/1 & WF/2).
- 4) The frame assembly with lid in place is revolved 180°.
- 5) The protruding wires may be cut / clenched or soldered / cut as appropriate.
- 6) Joints may be inspected in-situ.
- 7) The lid is removed. Populated boards are removed by springing the holding bars to release them. The next 'run' is then loaded.

Models with more than 2 sliding bars can be supplied (to order).

SPECIFICATION

Model No. / Dimensions. Max. sizes of PCB which can be held (mm.)

Model	WF/0	WF/1	WF/2
In 2 rows	2x110x280	2x110x510	2x175x510
In 1 row	1x230x230	1x230x510	1x360x510

Note: The PCB holding frame of WF Series is not designed to be put directly onto the track of the flow soldering machine.

We also produce frames for storage / soaktest / transportation of PCB's. Ask sales for Cliff PC-01.