

The equipment features a modular frame in aluminium profile, to fix the various elements. The parts to be assembled are supported by 6 sliding stations, two support bars for pneumatic tools (pneumatic screwdriver, riveting guns, etc.) and the roof lamps for the small items drawers. The frame is also fitted with housings for the hot melt application guns, cutting pliers, and is fully equipped for a complete cabling and testing of the light points.

The rotation of the 6 stations is carried out by manual operation to allow the operator to position at best the item to be assembled. Each station is provided with blocking and safety tilting proof design. The electrical cabinet is complete with PLC for full process control of the testing equipment, synoptic panel, printer, hardware interface.

The operator tools available on board are:

- n° 1 hot melt application group
- n° 3 pneumatic screwdrivers
- n° 1 90° pneumatic screwdriver with support
- n° 1 pneumatic rivet gun with support
- n° 1 hose clamp for the cables assembly

On this kind of equipment, 4 operators can work simultaneously either by two or independently. The special design with 6 stations on a 8 position frame guarantees high flexibility and optimizes the working times for loading, assembly, testing and unloading, avoiding waiting times for the operators.

**Total dimensions:**

- Length = 12 m
- Width = 1,8 m
- Height = 2 m

