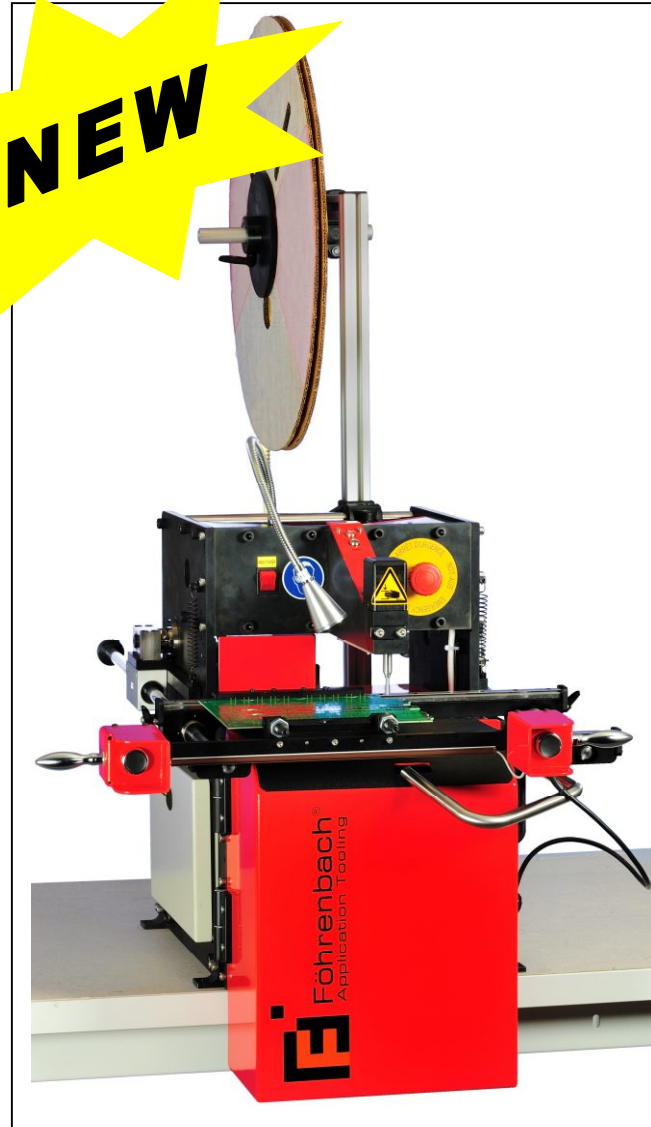


Manual Pin Insertion Machine



PPY23077 is Föhrenbach Application Tooling newest manual pin insertion machine. The machine accepts contacts that are mounted on a bandoleer. The contacts can feature a solid- or flexible press-fit zone.

By meaning of an easy replaceable tool kit, the machine can accommodate different types of bandoleers. Insertion nozzles are available for different sizes of contacts.

By meaning of a manual XYZ- table, the operator can easily select the holes in the PCB that should accept a contact. As a result, selective insertion of contacts is possible. The table can be adjusted to the size of the applied PCB, with maximum dimensions of 300 mm x 600 mm. In order to protect the operator, the machine is equipped with a two-hands safety operation.

A sensor is detecting the correct position of the hole in the PCB versus the insertion axis. Only in a correct position, the operator can fire the insertion mechanism. After each insertion, a new contact is loaded automatically into the contact inserter.

An LED spot is illuminating the insertion position.

