

RPM-V+

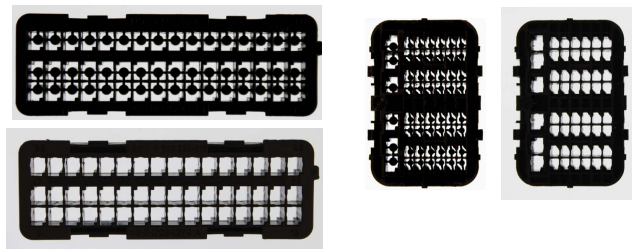
Robotic Punching Machine with Vision

P/N: 01-03-0004



Applications:

Break plastic pins from connectors



Options:

Punching Tools

P/N: 08-05-0001

Connector's Nest

P/N: 08-05-0002

Technical Data:

Dimensions:

Length: 1300 mm

Width: 850 mm

Height: 2290 mm

Weight: 350 kg

Connections:

Electrical: 230 VAC @ 50 Hz - 1 IEC standard male socket

Consumption: 750 W (peak)

Air pressure: 4.5 to 6 Bar - quick-coupler socket - 8 mm

Interface: Touchscreen, buttons, tower LED, Ethernet, USB



A robotic system designed to break plastic pins from connectors (punching system) in a fast and automatic way. It has an integrated vision system to inspect and validate the end results of the punching process.

It has dedicated tools for each vias' pattern and allows the processing of different connectors, in the same operation.

The standard machine can handle 8 different connectors with 8 different punching tools.

After selecting the pattern with a barcode reader or a network file (KSK server), the operator puts the connectors in the selected nests. The machine will pick the necessary tool and angle and start the punching process.

At the end of the process, the vision system will check each of the connectors to ensure that the punching process is accurate and burr free, identifying OK and NOK parts.