

APM

Automatic Punching Machine

P/N: 01-01-0003



StoneShield
ENGINEERING



The APM is a automatic system designed to break plastic pins from connectors (**punching system**) **in a fast and automatic way.**

It ensures high quality and precise results with **burr free cut** and **undamaged connector's vias.**

It has **dedicated tools for each vias' pattern.**

The punching patterns **are changeable** semi-automatically or manually.

It can punch 2 connectors in each operation.

Combined with this flexibility, it also has a high productivity, since **all pins are broken at the same time.**

The same machine **can be used for different connectors** by changing the base plate.



Flexibility:

Tool replacement

Any given pattern of pins to be punch out by changing the punching tool

Asymmetric patterns with any given angle



Ensured Quality and High Precision:

Burr free cut and

undamaged connector's vias

Dedicated punching tool for

each pin pattern



Productivity:

All pins broken at once

2 connectors processed at the

same time.



Connectivity:

Automatic generation of production reports

Network connectivity



Cost Effective:

High quality punching system at competitive cost

for sustained profitability



STONESHIELD - ENGINEERING, LDA

HEADQUARTERS:

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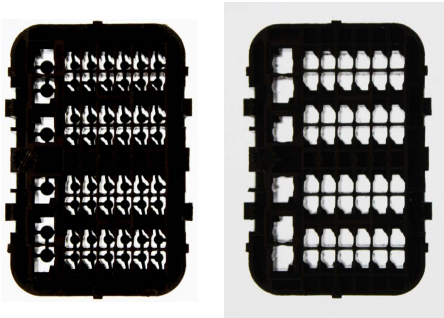
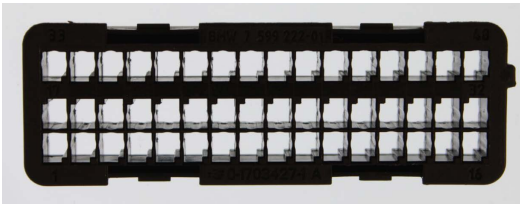
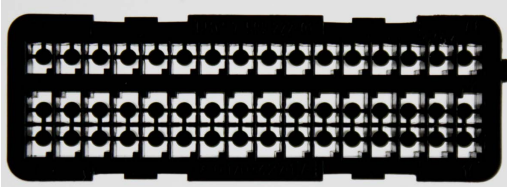
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Applications:

Break plastic pins from connectors



Technical Features:

- ▶ High quality and precise process: burr free and undamaged connector's vias;
- ▶ Process of 2 different connectors simultaneously with same or different pattern;
- ▶ Semi-automatic or manual tool replacement;
- ▶ Each pin pattern with dedicated punching tool;
- ▶ All pins broken at the same time by pressing 2 start buttons;
- ▶ Possibility to process different connectors by changing the nest;
- ▶ Configuration mode password protected;
- ▶ Partial and global connector's counters;
- ▶ Working time counter;
- ▶ Automatic tool and connector detection;
- ▶ Automatic production and statistics reports;
- ▶ Several system's languages, including English, Portuguese, French, or others;
- ▶ Easy upgradable software, that can be done through a USB stick.

Technical Data:

Dimensions:

Length:	448 mm
Width:	345 mm
Height:	500 mm
Weight:	30 kg

Connections:

Electrical:	230 VAC @ 50 Hz - 1 IEC standard male socket
Consumption:	250 W
Air pressure:	4.5 to 6 Bar - quick-coupler socket - Ø 8 mm
Interface:	Touchscreen, 1x USB

Options:

Punching Tool Head

P/N: 08-07-0001

Connector's Nest

P/N: 08-07-0002



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