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 competetive cost for sustained profitability

StoneShield - ENGINEERING, LDA

HEADQUARTERS:
RUA ANTÓNIO DE SÁ RODRIGUES, LT 79
6000-038 CASTELO BRANCO
PORTUGAL

OPERATIONS CENTER:
CEI - AV. DO EMPRESÁRIO, Nº1
6000-767 CASTELO BRANCO
PORTUGAL

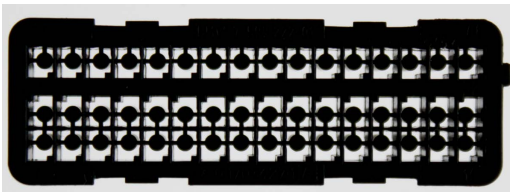
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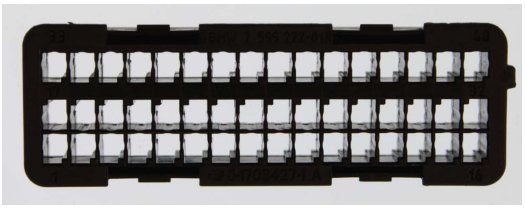
APM

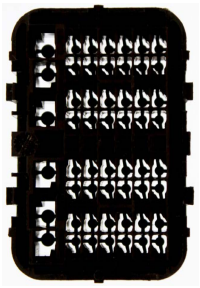
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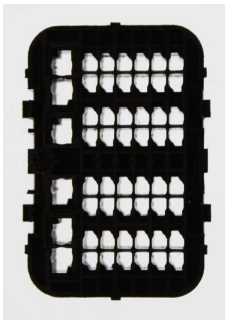
Applications:

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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