

Your vision – our mission

MPP520-DC™

Die Cutting Unit



General description

The Matti Orion Die Cut Paper Processor Model BPP520-DC has been developed to meet the exacting requirements for specialist label printer who wish to utilise high-speed digital printers. The unit can be configured as a pre or post processing device.

As a pre processing device the machine is designed to take plain label stocks, and add marginal punching and pattern cutting/perforations. And as a post processing device the machine accepts sprocket punched or pinless stocks and adds pattern cutting/perforations in addition the unit can be configured to add cross perforations, either for folding or for tear-off portions of a document. It is also possible to add a waste rewinder for full label production.

Your vision – our mission

Versions

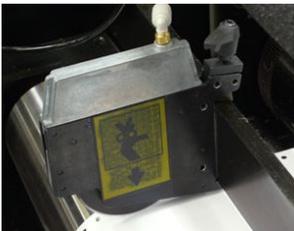
Sprocket Punching.



Waste Rewinding.



Edge Trim Knives.



Windowing Air Nozzles.



Main Features

- Simple to use.
- Extremely flexible
- Quick tool changes to minimise down time.
- Wheel mounted for mobility.
- Simple operator interface.
- Minimum web up time.
- Communication port for printer or other host device.

Benefits

- Purchase base stocks direct from the mill.
- In-house production of correct sized base stock on-line.
- Reduces material cost by up to 30%.
- Reduces base material inventory
- Quick and simple paper thread up.
- In-house make readies" thus reducing printer down time.
- Can process paper, card and label stocks.
- Automatic speed sensing
- Mounted on wheels for mobility.

Technical Specifications

- Maximum Paper Width: 350mm or 520mm
- Maximum Line Speed: Up to 150m/min
- Paper Weights: 60gsm to 240gsm
- Punching Section (Optional): 20" Circumference Tungsten Carbide tooling.
- Perforating Section (Optional): Accepts cylinders of 8 1/2" to 12" circumference
- Magnetic Cartridges (Optional): Accepts cartridges of 11" to 24" circumference
- Power Supply: 380-480V-3ph-50-60Hz, 16A
- Air Supply: 5.5 Bar (80 psi)

Optional Features

- Set of double row punch and die rings for double width working..
- Waste matrix rewinder 350mm or 520mm web widths.
- Perforation cylinders with quick-set blade holders, special slot configurations available.
- Dust extraction system
- Length perforation unit with 2 holders.
- Can be configured for pre or post processing applications.
- Pinless version available.

Standard Features

- Paper length control.
- Electronic control of rotary die pressure "Jacks" via control panel.
- Tensionless output, controlled by loop height detection allows the unit to respond to web demand.
- User-friendly operator interface.
- Confetti collection.
- Interlocked top cover to ensure operator and service personnel's safety
- Web Break Sensor

Matti Technology AG

Industriestrasse 9
8583 Sulgen
Switzerland

info@mattitech.ch
www.mattitech.ch
Phone +41 (0) 71 424 09 40
Fax: +41 (0) 71 424 09 41

Matti Engineering AG

Industriestrasse 9
8583 Sulgen
Switzerland

info@matti-engineering.ch
www.matti-engineering.ch
Phone +41 (0) 71 424 09 60
Fax: +41 (0) 71 424 09 61

Matti Orion

Industriestrasse 9
8583 Sulgen
Switzerland

info@mattiorion.com
www.mattiorion.com
Phone +41 (0) 71 424 09 60
Fax: +41 (0) 71 424 09 61

matti
orion solution