

matti
Orion Solutions

Data Sheet



ORION

Model

BPP20

Paper
Processor

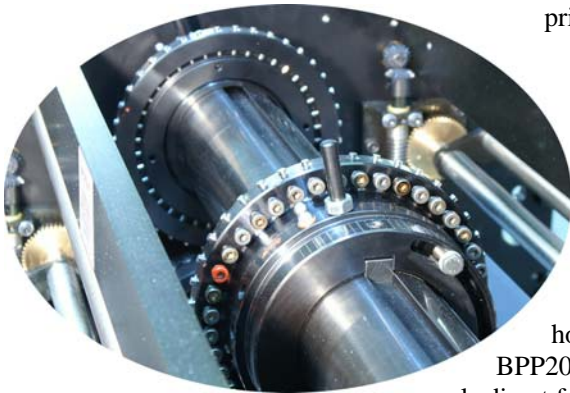


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The Matti **Orion** Paper Processor Model BPP20 is designed to take plain paper from the mill, and add marginal punching so that the paper can be processed through a digital printer or other process. It is particularly suitable for publishing on demand applications.

In addition to marginal punching 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 fit tooling for files holes and marginal perforations. Thus the BPP20 enables users to purchase plain paper on reels direct from the mill and process these in-line into any business form configuration.



- 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.

Model BPP20



Perforating and Die Cutting



Fully configured unit with Punching, Die Cutting and Horizontal Perforating Cylinder

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 a wide range of paper stocks.
- Automatic speed sensing
- Mounted on wheels for mobility.
- Small foot print and low height allows unimpeded view of process area.

Standard Features

- Tungsten Carbide tooling.
- Paper length control.
- 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

Optional Features

- Set of double row punch and die rings for double width working..
- File Hole cartridges
- 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.
- High speed version available

Technical Specification

Maximum Paper Width: 350mm or 520mm

Maximum Line Speed: 100m/min (330 ft/min) or 150m/min (optional).

Paper Weights: 50gsm to 240gsm

Punching Section (Optional): 20" Circumference long life

Perforating Section (Optional): Accepts cylinders of 8 1/2" to 12" circumference

File Hole Cartridges (Optional): Accepts cartridges of 11" to 24" circumference

Power Supply: 220-240V-1ph-50-60Hz, 10A

Air Supply: 5.5 Bar (80 psi)

Matti **Orion**
PRODUCT RANGE
Unwinders
Rewinders
Folders
Paper Processors
Dynamic Perforators
Die Cutters
Web Transport Systems

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