

**matti**  
Orion Solutions

# Data Sheet

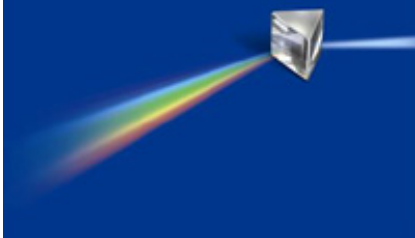


# ORION

*Model*

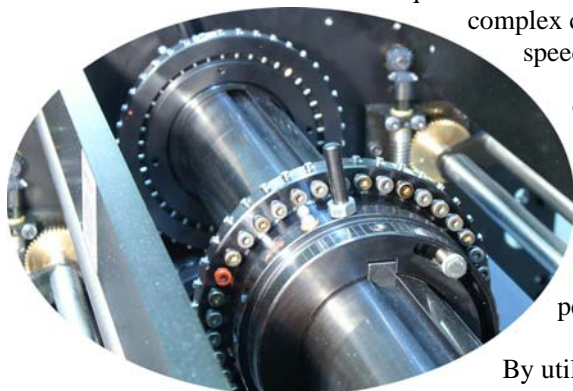
***BPP520***

Paper  
Processor



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The Matti **Orion** Paper Processor Model BPP520 has been designed to meet the exacting requirement for specialist printers who wish to convert plain paper on reels into complex custom documents on-line with high speed digital printers.



The BPP520 is an extremely versatile unit which can be configured with up to 4 paper converting devices including sprocket punching, pattern die cutting, file hole punching, ink jet print heads, horizontal and vertical perforators.

By utilising the expansive options package the BPP520 can also be configured as a pre or post possessing with pinned or pinless drives.

### Main Features

- Simple to use.
- Extremely flexible with up to 4 converting devices
- 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 BPP520



Perforating Beam



Web Guide



File Hole  
Punching



Die Cutting

### 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.
- Electronic 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
- Magnetic Cylinders
- Perforation cylinders with quickset blade holders, special slot configurations available.
- Dust extraction system
- Ink jet print heads.
- Length perforation unit with 2 holders.
- Can be configured for pre or post processing applications.
- Pinned and Pinless version available.
- High speed version available

### Technical Specification

Max Paper Width: 350mm or 520mm  
 Max Line Speed: 100m/min or 150m/min (optional).

Paper Weights: 50gsm to 240gsm

### OPTIONS

Punching Section: 20" Circumference long life

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

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

Power Supply: 400-460V-3ph-50-60Hz, 16A

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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Dealer: