



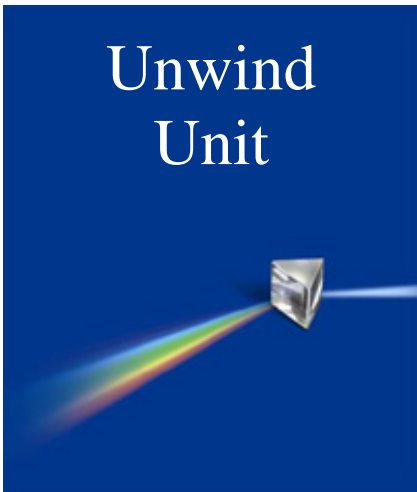
Data Sheet



ORION

Model

TU5020



Matti Orion Ltd
Millstream Works, Station Road,
Wickwar, Gloucestershire, GL12 8NB
Telephone: +44 (0) 1454 294 526
www.mattiorion.com
info@mattiorion.com



The **Matti Orion** Unwind is the fundamental feature of any pre and post processing system requiring continuous reel feed. A standard unit will feed reels of up to 52" in diameter ensuring continuous operation of a digital printer or high-speed intelligent inserter for several hours.

The Unwind features the unique Orion drive, giving exceptional on demand speed response characteristics. This allows the most difficult of stocks to be unwound, custom forms, label stocks, reels of photographic film, and light weight papers.

The unique speed feature allows the Unwind to feed the latest high-speed digital printers and the most demanding intelligent inserter. To increase versatility the Unwinds are wheel mounted which allows the unit to be easily moved from one print line to another or from printer to inserter. The simple user interface ensures the Unwind will be equally at home in a finishing department or the most demanding print room.

Main Features

- Simple to use.
- Quick reel changes minimised down time.
- Wheel mounted for mobility.
- One touch operation.
- Very low operating power.
- Minimum web up time.
- Multi size air inflatable reel shafts available.
- Reel lifting from the floor.
- Communication port for printer or inserter.

Model TU5020



Model TU5020/AB
Unwinder with Air Box
(Full loop control for High Speed Inserter)



TU5020/LC
Unwinder with air
blown Loop Control
Box

Benefits

- High volume continuous feed.
- Eco friendly low power consumption.
- Powered reel loading and unloading to the floor.
- Ergonomic design with quick and simple paper thread up.
- Reel shaft automatically locked into position.
- User-friendly operator interface with multi coloured display.
- Minimum web-up time.
- Automatic speed sensing
- Automatic direction sensing
- Mounted on wheels for mobility.
- Small footprint and low height allows unimpeded view of process area.
- Trouble free unwinding.

Standard Features

- Reversible direction unwinding .
- Up to 600 ft/min maximum speed.
- Tensionless output, controlled by loop height detection allows the unit to respond to web demand.
- Retractable airshaft inflator
- End of Reel Sensor
- Web Break Sensor

- Communication port for host device
- Automatic paper-jam stop and Emergency stop buttons
- Supplied complete with airshaft.

Optional Features

- Range of Airshafts available for standard cores.
- Splicing table
- Flag detector.
- Splice detector.
- Built in compressor

Technical Specification

Maximum Reel Dia	1320mm (52")
Maximum Reel Width	520mm (20.5")
Standard Airshaft	70mm (2 3/4") or 76mm (3")
Maximum Line Speed	Up to 182m/min (600ft/min)
Maximum Reel Weight	680kg (1500lbs)
Power Supply	220-240V-1ph-50-60Hz
Power Consumption	0.5kw
Standby Power	10 Watts
Air Supply	5.5 Bar (80 psi)
Gross Weight	600kg (1320lbs)

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

Orion Solutions

Millstream Works, Station Road, Wickwar,
Gloucestershire, GL12 8NB
Telephone: +44 (0) 1454 294 526, Facsimile: +44 (0) 1454 292 808
Internet Address: www.mattiorion.com
Email: info@mattiorion.com

Matti Technology AG

Industriestrasse 9, 8583 Sulaen, SWITZERLAND
Telephone: +41 71 424 09 60, Facsimile: +41 71 424 09 61
Internet Address: www.mattitech.ch
Email: info@mattitech.ch

Dealer: