



*World Leaders*

IN DOCUMENT SOLUTIONS



**Orion**  
MODEL  
**TU5020**

Unwind  
Unit



## MODEL TU5020

The PFE 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

- Quick reel changes minimise 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

### Benefits

- High volume continuous feed.
- Powered reel loading and unloading.
- Reel shaft automatically locked into position.
- Mounted on wheels for mobility.
- Small foot print and low height allows unimpeded view of process area.
- Trouble free unwinding

### Standard Features

- Reversible direction unwinding with automatic direction sensing.
- Up to 600 ft/min maximum speed.
- Tensionless output, controlled by loop height detection allows the unit to respond to web demand.
- User friendly operator interface with status indicators.
- Retractable airshaft inflator.
- End of reel sensor.
- Supplied complete with Airshaft.

### Optional Features

- Range of Airshafts available for standard cores.
- High speed inserter interface.
- Splicing table.

- Flag detector.
- Splice detector.
- Built in compressor.

### Specifications

Maximum Reel Dia:  
1320mm (52")

Maximum Reel Width:  
520mm (20.5")

Standard Airshaft:  
70mm (2 3/4") or 76mm (3")

Maximum Line Speed:  
182m/min (600ft/min)

Maximum Reel Weight:  
680kg (1500lbs)

Power Supply:  
220-240V-1ph-50Hz

Power Consumption:  
0.5kw

Standby Power:  
10 Watts

Air Supply:  
5.5 Bar (80 psi)

Gross Weight:  
600kg (1320lbs)

### PFE PRODUCT RANGE

#### Mailing Machines

Desktop Mailing Systems  
Office Mailing Systems  
Production Mailing Systems  
Mail Printing Systems

#### Forms Handling Machines

#### Office Products



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PFE's policy is one of continuous improvement, and the right is reserved to modify or alter equipment specifications, without prior notice.



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