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## MOR5020/ACC™ Tensionless Rewinder



### General description

The Matti Orion Rewind configured with an accumulator can be connected on-line with a host high speed digital printer or other continuous device, rewinding all types of high volume continuous documents. Simple and reliable it is the ideal solution to the "Lights Out" operation, guaranteeing continuous operation of any device for several hours with minimal or no operator intervention. The Rewind Accumulator Unit incorporates a soft stop and start system, ensuring reels are consistently rewound to pre-set tension parameters when used in-conjunction with the fastest digital printers. Thus guaranteeing the reel is wound to the highest standard, which is crucial for subsequent processing. The control system features a simple adjustable paper tension control which ensures the most difficult of stocks can be rewound including custom forms, patch documents incorporating windows and cross perforations.

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## Versions

### Model MOR5020

Rewinder with single loop



### Model MTR5020

Tensionless Rewinder with single loop control.



## 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 lowering to the floor and reel shaft automatically locked into position.
- Communication port.

## Benefits

- High volume reels can be produced for subsequent processing.
- Eco friendly low power consumption.
- High document security, documents within the reel cannot be removed.
- Powered reel loading and unloading.
- Ergonomic design with quick and simple paper thread up.
- User-friendly operator interface with Touch Screen display.
- Minimum web-up time.
- Automatic speed sensing
- Automatic direction sensing
- Mounted on wheels for mobility.
- Trouble free rewinding.

## Technical Specifications

- |                       |                              |
|-----------------------|------------------------------|
| ▪ Maximum Reel Dia    | 1320mm (50")                 |
| ▪ Maximum Reel Width  | 520mm (20.5")                |
| ▪ Standard Airshaft   | 70mm (2 3/4") or 76mm (3")   |
| ▪ Maximum Line Speed  | Up to 158m/min ( 520ft/min ) |
| ▪ Maximum Reel Weight | 680kg (1500lbs)              |
| ▪ Power Supply        | 208-240V - 1/2ph-50-60Hz     |
| ▪ Power Consumption   | 0.75kw                       |
| ▪ Standby Power       | 10 Watts                     |
| ▪ Air Supply          | 5.5 Bar (80 psi)             |
| ▪ Gross Weight        | 600kg (1320lbs)              |

## Optional Features

- Range of Airshafts available for standard cores.
- Splicing table
- 100 and 158 mtr versions available.
- Built in compressor

## Standard Features

- Reversible direction rewinding .
- Up to 520 ft/min maximum speed.
- Tensionless input, controlled by loop height detection allows the unit to respond to web demand.
- Retractable airshaft inflator
- Maximum Reel Diameter Sensor
- Web Break Sensor
- Communication port for host device
- Automatic paper-jam stop and Emergency stop buttons
- Supplied complete with airshaft.
- Multi-reeve dancer arrangement allows unit to soft start and stop.

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