Delivering innovative print finishing solutions & service
4 Spindle Standard Turret Rewinder
330/430/530

In its basic form this turret rewinder is ideal for rewinding standard self-adhesive labels.

When ordered with closed loop servo drive the ECTR is capable of handling a huge range of substrates including delicate, perforated or punched products. This capability has been developed over many years and as a result of working closely with our customers and their varied applications.

Standard Specification
- Maximum roll diameter: 350mm
- Maximum web width: 330mm, 440mm or 540mm
- Air mandrels: 4 off at 76mm (standard)
- Maximum web speed: 100m/min with 25-38mm diameter mandrels
- 150m/min with 40-76mm diameter mandrels
- Constant torque tension control
- Labels and metres
- Web dividers: 6 (5 lanes)
- Touch screen H.M.I.: 203mm (8") 250mm (10")
- Auto roll eject mechanism
- Adjustable core stop

4 Spindle Turret Rewinder with Slitting
330/430/530

Similar to the ECTR, this turret rewinder also has a built-in slitting module.

The choice of slitting/turn bar options depends on customers’ individual needs. Note: the servo option must be fitted to accept this upgrade.

The standard rotary scissor slitting unit consists of:
- Quick release knife and anvil drive shaft for offline setting
- Auto disengage knife box
- Cross web knife adjustment

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- Maximum web width: 330mm, 440mm or 540mm
- Air mandrels: 4 off at 76mm (standard)
- Maximum web speed: 100m/min with 25-38mm diameter mandrels
- 150m/min with 40-76mm diameter mandrels
- Quick change rotary scissor slitting: 4 knives
- Labels and metres
- Web dividers: 6 (5 lanes)
- Touch screen H.M.I.: 203mm (8") 250mm (10")
- Auto roll eject mechanism
- Adjustable core stop

Why you should choose a vectra:
- No second process
- No loss of valuable work space with work in progress
- Faster throughput – shorter lead times for your customers
- Short inventory turnaround to improve your cash flow
- No overs, less waste

Not convinced? We can calculate the advantage a Vectra would give you based on your individual job examples

Global market leader with over 1600 Turret Rewinders installed worldwide
### 4 Spindle Turret Rewinder
for heavy duty and large diameter rewinding
330/430/530

This heavy duty Vectra is for production of larger finished rolls and can run in line with a range of roll to roll printing presses without any mechanical or electrical interfacing. It is the largest turret available in the VECTRA range, capable of rewinding 500mm diameter finished rolls.

#### Standard Specification
- **Maximum roll diameter**: 500mm
- **Maximum web width**: 330mm, 440mm or 540mm
- **Air Mandrels**: 4 off at 76mm (standard)
- **Maximum web speed**: 100m/min with 25-38mm diameter mandrels, 150m/min with 40-150mm diameter mandrels
- **Constant torque tension control**
- **Web dividers**: 6 (5 lanes)
- **Counter**: Labels & metres
- **Touch screen H.M.I.**
- **Auto roll eject mechanism**
- **Adjustable core stop**

### Glueless Start Turret Rewinder
for advanced applications
330/430/530

This servo-driven turret rewinder holds the substrate to the cores at the start of a new roll without stopping or slowing down the converting equipment. In addition, it can be fitted with a print and apply label applicator to close the finished roll with a label. As with all the other turret rewinders in the VECTRA range, there is a wide range of options allowing it to be tailored to suit individual requirements.

#### Standard Specification
- **Maximum roll diameter**: 350mm
- **Maximum web width**: 330mm, 440mm or 540mm
- **Air mandrels**: 4 off at 76mm (standard)
- **Wrap round tooling**: 1 set to suit outside diameter of core
- **Maximum web speed**: 100m/min with 25-38mm diameter mandrels, 150m/min with 40-76mm diameter mandrels
- **Servo drive**: Closed loop tension control
- **Counter**: Labels and metres
- **Web dividers**: 6 (5 lanes)
- **Nip with independent segments for 5 lanes** (additional nip wheels available)
- **Touch screen H.M.I.**
- **Auto roll eject mechanism**
- **Calibrated lead screw, adjustable front & back core stop**
- **Calibrated lead screw & adjustable roll eject fork**

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The VECTRA range of turret rewinders can be fitted to a selection of printing presses and digital finishing machines.
The versatility of the VECTRA range allows customers to maximise production by selecting modules that exactly match their requirements.

**UNWIND AND SLITTING MODULES**
For offline operation customers can choose an unwind module available with roll lifters, web guide and slitters as options. To run inline, a stand-alone slitting unit is available with a web guide and turn bar.

**COMPACT UNWIND**
Designed with a small footprint, this is ideal for operating the Vectra offline.

The standard unit comprises 1,000mm diameter cantilevered braked unwind, integral roll lift, electronic web guide, adjustable splice table and clamps, and auto lift scissor slitting unit with 5 sets of rotary knives.

**CORELOADER CLB 330/430/530**
Using the latest servo technology, this automatic Coreloader enables cores to be positioned onto the rewind shaft accurately. Complete with storage tower, it is also capable of positioning the core onto the rewind shaft with a space between each core, essential for certain substrates. An additional automatic bowl feeder completes this equipment.

**Popular Options**
- **OMEGA/VECTRA INTERFACE**
  Allows the operator to run an Omega converting line and a turret rewind simultaneously with the use of a handset. It is also available for other presses on request.

- **MANUAL CORE LOADING DEVICE**
  Capable of positioning the core onto the rewind shaft.

- **CALIBRATED LEAD SCREW ADJUSTABLE FRONT & BACK CORE STOP**
  This system has both front and back stops, which when adjusted by a hand wheel, allow accurate positioning of the cores to suit the web. Comes as standard on the SGTR, available as an option on ECTR/ECTRS/HDTR.

- **PROGRAMMABLE PRINT AND APPLY LABEL APPLICATOR FOR ROLL CLOSURE**
  An alternative to hot melt glue roll closure, this system uses vacuum belts so no additional tooling is required, regardless of number of lanes.

- **NORDSON HOT MELT GLUE AUTOMATIC TOP UP SYSTEM**
  Molten glue is held in a tank and delivered through heated pipes to the tail glue bath, ensuring a constant level of glue without having to stop the machine.

- **PENDANT HMI**
  This is fitted as standard on the SGTR and available as an option on the ECTR.

- **WRAP AROUND TOOLING FOR GLUELESS REWINDING**
  Essential for glueless rewinding, this tooling creates a precise web path around the core (or mandrel for coreless rewinding) at the start of the winding operation.

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- **END OF ROLL LINE MARKERS**
  Pneumatically controlled, these can easily be fitted onto the press or a Vectra stand-alone slitting unit. Activated as the end of the roll approaches, it leaves a clearly defined indicator on either the face or reverse of web.

- **MANDREL CONSTANT END SUPPORT**
  Enabling rewinding to be carried out on smaller cores, this supports the end of the mandrel as it moves from the out to the rewind position. Required on all widths of running 12-24mm diameter mandrels and on a 500mm machine for under 50mm diameter mandrel.

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**Modules**

**for offline applications**

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