

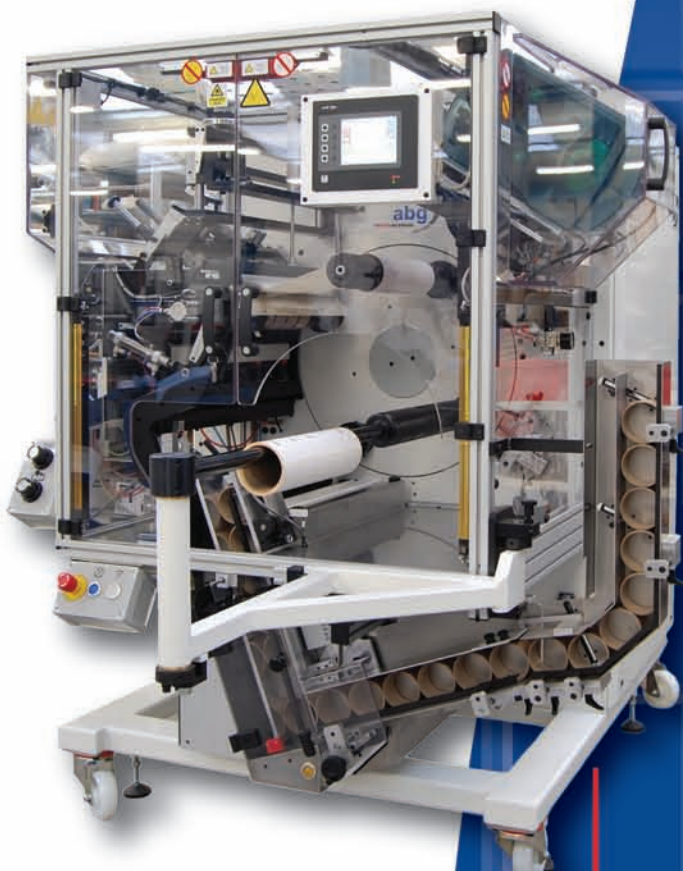


Delivering innovative
print finishing solutions
& service

vectra range

ECTR

4 Spindle Standard Turret Rewinder 330/430/530



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

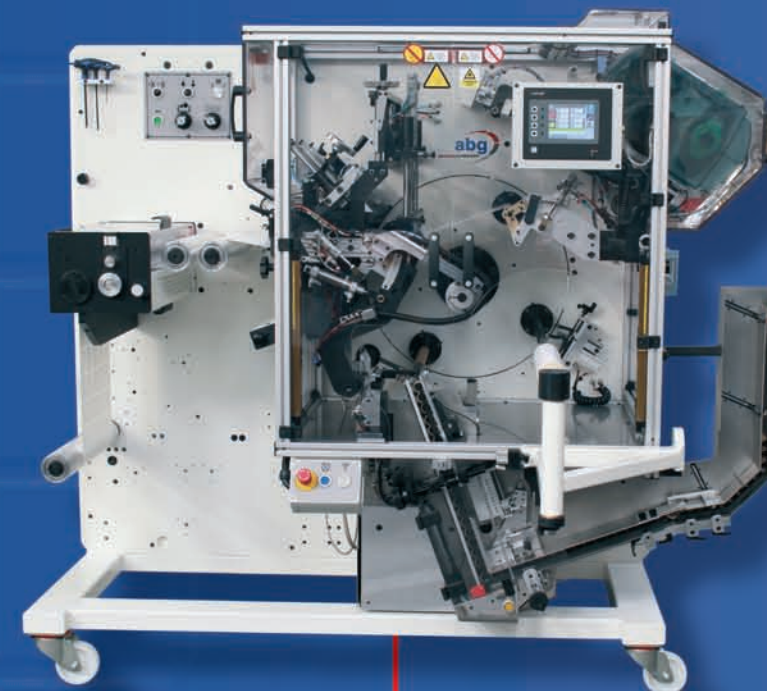
When ordered with closed loop servo drive the ECTR is capable of handling a huge range of substrates including delicate, perforated or punched products. This capability has been developed over many years and as a result of working closely with our customers and their varied applications.

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	
Counter	Labels and metres
Web dividers	6 (5 lanes)
Touch screen H.M.I.	203mm (8") 250mm (10")
Auto roll eject mechanism	
Adjustable core stop	

ECTRS

4 Spindle Turret Rewinder with Slitting 330/430/530



Similar to the ECTR, this turret rewriter 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

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
Quick change rotary scissor slitting	4 knives
Counter	Labels and metres
Web dividers	6 (5 lanes)
Touch screen H.M.I.	203mm (8") 250mm (10")
Auto roll eject mechanism	
Adjustable core stop	

Global market leader with over 1600 Turret Rewinders installed worldwide



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

HDTR

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	

The VECTRA range of turret rewinders can be fitted to a selection of printing presses and digital finishing machines



SGTR

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

This servo-driven turret rewriter 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



the **vectra range**



Popular Options



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



CALIBRATED LEAD SCREW ADJUSTABLE FRONT & BACK CORE STOP
This device 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.



NORDSON HOT MELT GLUEING SYSTEM
As an alternative to glue wheels this programmable glueing system allows the operator to set the core glueing in seconds.



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



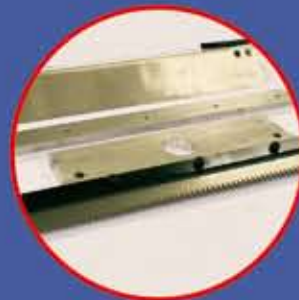
MANUAL CORE LOADING DEVICE
Capable of positioning the core onto the rewind shaft.



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.



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.



AUTOSLIT AUTOMATIC SLITTING SYSTEM
A fully automatic scissor knife setting system, complete with 5 knives and auto pre-position scanner.



OFFLINE KNIFE SETTING FIXTURE
This vernier measuring scale ensures quick and accurate positioning of the scissor slitting knives onto the knife shafts, prior to the shafts being fitted on the machine.



END OF ROLL LINE MARKERS
Pneumatically-controlled, these can easily be fitted onto the press or a Vectra standalone 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 cut to the rewind position. Required on all widths if running 12-24mm diameter mandrels and on a 530mm machine for under 50mm diameter mandrel.

Modules for offline applications



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.





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