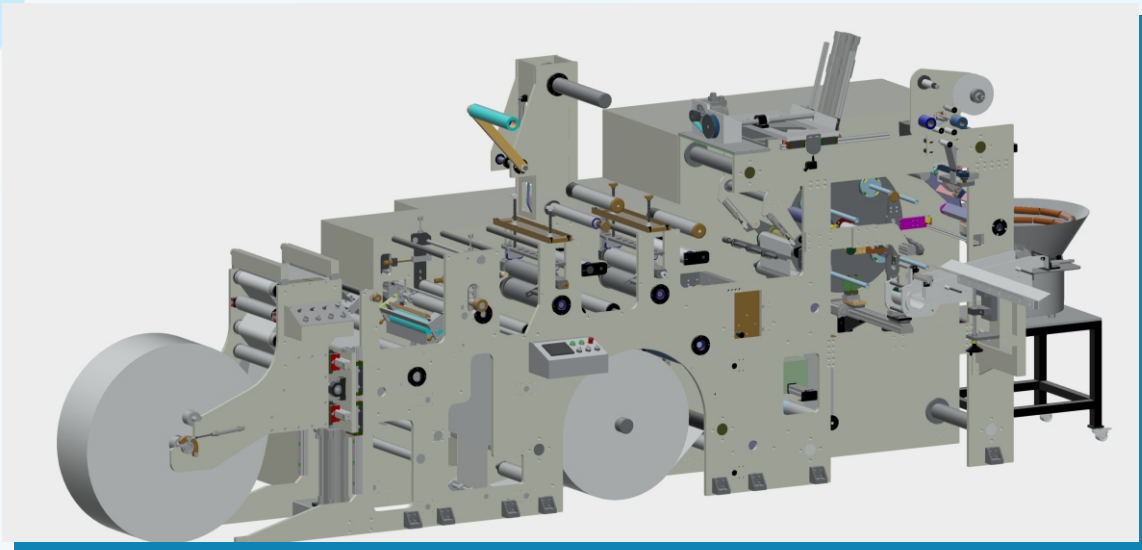


PRINT - TOOL

PRO-WIND -13

Automatic converting with turret rewriter



Highlighted Points:

- ◆ High speed fully servo driven automatic turret rewriter
- ◆ Glue less turret rewinding
- ◆ Automatic core loading system
- ◆ High speed rewinding up to 175 M/min
- ◆ No need to change tool while changing core size
- ◆ Fully automatic HMI control
- ◆ Extra-large unwind up to 1 meter diameter
- ◆ Stand alone or sync with another machine possible
- ◆ Push button core shaft replacement
- ◆ Toolless technology
- ◆ Modular unit to add or remove additional print/die cut unit
- ◆ Inline slitting with auto engage/disengage technology
- ◆ Slide out slitting unit without tearing the web

Landscapes:

- ◆ The PRO-WIND Series offers modular design enabling multiple configuration possibilities.
- ◆ Machine operates through a direct servo driving system.
- ◆ Advanced PLC compatible system for automated tension control via direct drives.
- ◆ All steel robust design and construction.
- ◆ Modular design enabling ease of adding modules to suit individual requirements.
- ◆ Die and print stations each individually servo driven.
- ◆ Servo nip drives for precise tension adjustment and isolation during die cutting process.

- ◆ Driven waste rewind with adjustable tension strip assist system.
- ◆ Driven rotary shear slitting system as standard.
- ◆ Full manual lateral adjustment of knives during running
- ◆ Slide out slitting unit without tearing the paper,
- ◆ Slitting blasé engage and disengage pneumatically operated
- ◆ Core sizes possible - 25mm to 76mm.
- ◆ Automated material attachment to cores via glue-less
- ◆ Automated material reel tail closure via label
- ◆ Accurate, repeatable, digital tension control with servo driven nip for
- ◆ tension isolation between unwind and rewind settings.
- ◆ Unwind unit with splice tables.
Length (meters or feet) and label count control.
- ◆ 10" color HMI operator touch screen control.
- ◆ Automated core loading - bowl feeding systems.
- ◆ Pneumatic unwind reel lift - Available on all type unwinds within PRO-WIND Series.
- ◆ Waste rewind Lay on roller – Pneumatically loaded/adjusted to suit matrix requirement.
Edge trim removal - High-speed VENTURI pneumatic systems.
- ◆ Re-Registration System - To allow for pre-printed materials to be cut to register mark.
- ◆ Back scoring device - To cut backing material edge to wind edge trim into waste wind.

Optional Possibilities

- ◆ Air assisted turner bar - Fully adjustable to suit web width to enable inside winding.
- ◆ Laminating Station - Driven unwind to laminate materials prior to die cutting.
- ◆ Flexo Print Stations - For one or two colour / varnishing applications.
- ◆ Web paths modified/extended for use of inspection requirement.
- ◆ Various Missing Label Detection Systems for paper and/or film labels.
- ◆ Flag and splice detection systems.
- ◆ Die tool and Anvil changeover – electric crane to load or unload the tools
- ◆ Automated material reel tail closure label digital print head

◆ Technical Specifications ◆

PARTICULAR	PROWIND -330	PROWIND - 450	PROWIND - 560
Maximum web width	330mm (13")	450mm (16")	510mm (20")
Maximum unwind diameter	800mm (32")	1000mm (40")	1000mm (40")
Turret Rewind diameter	250mm (10")	250mm (10")	250mm (10")
Material rewind diameter		700mm (27.5")	
Waste matrix diameter	600mm (24")		
Maximum operating speed	175 meter/min	150 meter/min	150 meter/min
Material to be run	Paper, film & ps material (die cut labels)		
Thickness of material	40 micron to 250 micron		
Operating concept	Direct servo driven		
Slitting concept	Rotary shear blade slitting		
Core loading	Automatic		
Core size	1"-3" core id		
Turret setting	Automatic by servo (control in HMI)		

