



VEMAX SLITTER INSPECTION REWINDER

VRR – STD 350





VEMAX is a manufacturer of equipment for the label, packaging, foil, tape, and tag market. We have been constantly improving our processes and designs in order to obtain market recognition regarding the quality and reliability of our products.

As proof of this evolution, we can highlight some characteristics that show we are on the right path, they are:

- 34 years in the local and international market, always in tune with market needs, always innovating and pioneering the application of new technologies for slitter inspection rewinders.
- Flexibility in working with the most diverse and modern inspection systems on the market, such as: NIKKA, AVT, BST and E+L.
- All our equipment is CE certified and meets the most demanding safety standards.
- Innovative operating system, SIC Series. A unique system, with features such as control of user levels, recording of work recipes, automatic control of tension.
- We use the best components in the manufacture of our machines such as Siemens, Festo, Leuze, Pepper Fuchs, BST, RE Latina, E+L, Pulse Selectra, Unilux etc.
- Machines with ergonomic and compact designs. This reduces fatigue, which translates into increased productivity.
- Quick machine setup with input and output systems using pneumatic locking and pressure sensing roller devices.
- Proportional tension control system on rewinder and unwinder, enabling precise and uniform control on the webs.
- Maximum rewind speed *300m/min.
- Remote technical assistance (via Internet), reducing maintenance costs.
- Industry-standard, easy-to-purchase mechanical, electrical and electronic components.
- Extremely robust construction providing low maintenance costs in addition to extending the life of the equipment.
- High precision tension control, honed by over 3 decades of experience and know-how in the slitter rewinder category.

We believe that this is the way to create relationships with our customers, suppliers and employees.




UNWINDER	
Maximum width	350 mm
Maximum Diameter	700 mm
Core Diameter	3"
Maximum weight	150KG

REWINDER	
Maximum width	350 mm
Core Diameter	3"
Maximum Diameter	600mm
Minimum Cut	20mm
Maximum weight	50kg

TECHNICAL CHARACTERISTICS

TECHNICAL DATA	
Maximum Speed (*)	*300 m/min
Material	Film ,self-adhesive paper and tags

GENERAL CHARACTERISTICS

HMI – 7" Touch Screen Color	
	S.I.C. ® INTERGRADE CONTROL SYSTEM – COMMAND AND CONTROL PANEL
<ul style="list-style-type: none"> • Automatic tension control on unwinder and rewinder. • Automatic acceleration and deceleration ramps • Automatic stop by length or quantity of labels/tags or diameter in the unwinder • Internal memory, allowing you to store job recipes, with quantity, length, tension, pitch, names, while controlling users and production by product. • Automatic strobe light control and synchronization (Optional) • Control and automatic stop with the 100% inspection system (Optional) • Control and automatic stop of flag (Optional) • Ergonomic vertical inspection position. 	
100% electronic edge aligner.	
Unwinder with film lock through pneumatic push-pull valve	



Rewinders using CA motor, working in torque mode, with automatic tension control
Rewinders using expansive shaft with ruler. 3" in diameter cantilever. Optional other diameters
Knife slitting system, with 05 blade holders
Pneumatic waste elimination system (Optional).
Pneumatic film locks on rewinders to maintain the position of the slitting when changing cores.
Electrical panel with all components protected by ultra-fast circuit breakers and over tension relays.
Operating manuals, electrical and pneumatic diagram
Machine inspected and approved with CE safety standards

MANUFACTURING SPECS

- Machine side frame made with SAE 1020 certified steel plates; oxy-slitting in a thickness of 1" in. (25 mm), machined on a C.N.C. with drawings generated in C.A.M.
- Other parts machined on C.N.C. with SAE 1045 steel using heat and surface treatment when necessary.
- SAE 1020 steel electrical and machine panels.
- All parts cleaned with phosphating treatment.
- High melting powder electrostatic painting (200° C) with high corrosion protection.

DRIVE CHARACTERISTICS

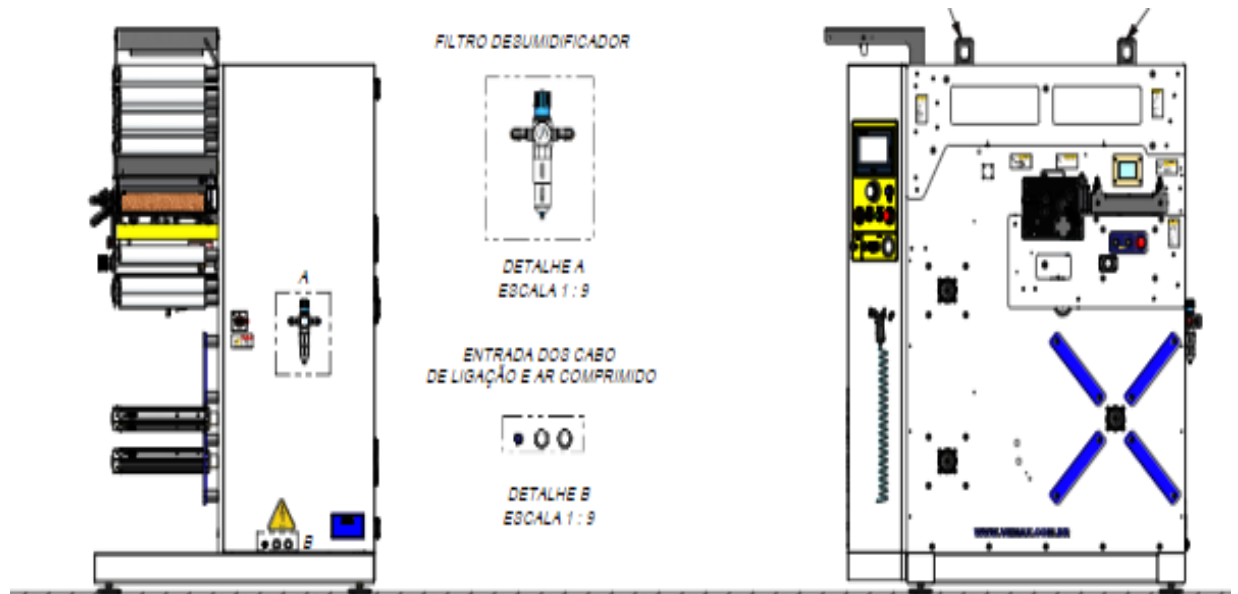
- Nip driven through CA motor, with 2HP WEG .
- Rewinders driven through CA motor, with 2HP WEG.
- Modular brake, with pneumatic actuation of 2 Vemax calipers for unwinder.

ELECTRONIC CHARACTERISTICS

- Motors controlled by frequency inverters using the latest generation.
- Easily accessible electrical panel with components protected by ultra-fast circuit breakers and over tension relays.
- Electronic component operating manuals and complete electrical schematics for maintenance provided.



LAYOUT OF MACHINE



(*) maximum mechanical speed limited to the material used by the customer

(**) in the internet connection, a RJ 45 port is available on the equipment's CPU, being the customer's responsibility to install cables and the internet signal



COMMERCIAL CONDITIONS

SLITTER INSPECTION REWINDERS VEMAX VRR STD - 350 SINGLE REWINDER NO BUFFER INSPECTION TABLE	

NOT INCLUDED OPTIONAL		
QTY	DESCRIPTION	
01	SECOND REWINDER POSITION	
01	BUFFER ASSEMBLY WITH INSPECTION TABLE	
01	LED STOBE INSPECTION	
01	INSPECTION SYSTEM SMARTSCAN 100% E+L (GERMAN)	
01	E&L SOFTWARE UPGRADE FOR PDF	
01	ROLL LIFT FOR UNWINDER	
01	PNEUMATIC WASTE ELIMINATION SYSTEM VRR	
01	VRRS FLAG SENSOR	
01	SECOND KNIFE ASSEMBLY w/ ROTARY KNIFE	
01	1 INCH PNEUMATIC REWIND SHAFT	
01	1.5 INCH PNEUMATIC REWIND SHAFT	
01	2 INCH PNEUMATIC REWIND SHAFT	
01	ADDITIONAL KNIFE HOLDER	