

PRATI



THE LABEL INSPECTION
C O M P A N Y

di Prati Pietro
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Cod fisc. e nr. reg. impr. PRT PTR 46C27 E971V
Partita IVA 00604210484

SATURN – TE 280 INSPECTION SLITTER REWINDER



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TECHNICAL FEATURES:

Mechanical web width	300 mm.
Max. suggested working web width	280 mm.
Minimum paper width	80 mm.
Maximum speed	250 m./min.
Pneumatic unwind shaft	Ø 76 mm.
Max. unwind diameter	720 mm.
Max. rewind diameter	600 mm.
Power supply	3x400 Vac 50 Hz.
Air pressure	7<P<12 bar
Dimensions TE 280 (L x H x D)	2200x1450x1100 mm.

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BASIC SATURN CONFIGURATION:

- Unwinding on pneumatic, fixed shaft Ø 76 mm., by braking system sealed with magnetic powder.
- Mother reel end photocell with automatic stop.
- Electronic control for constant tension of the axis, manually adjustable by varying of the mother reel diameter.
- Electronic web-guide system by ultrasonic sensor.
- Correcting table for detected errors with automatic paper clamping.
- Main drive drum 160 mm. diameter, covered with "ADIPRENE" plastic (very high friction material) and pneumatically controlled nip roller.
- Main motorization with SERVO MOTOR, with electronic speed and position control.
- Shear slit with removable shaft and ultra-quick make-ready. Axial register 12 mm. Minimum slit 13 mm. Self-sharpening knives device, included.
- Down stream pneumatic nip.
- Motorized rewinder with SERVO MOTOR, with speed and draught electronic control (couple).
- High and low tensions at any speed and at any rewinding shaft size.
- Inside and outside rewinding direction.
- N° 1 Pneumatic rewinder shafts (interchangeable) Ø 76 mm.
- N° 4 Circular, self-sharpening knives and counter-knives groups for longitudinal slitting.
- "PLC " computer with TOUCH SCREEN b/w display and working programme.
- Advanced computerized self-diagnosis of any malfunction or blocks: it indicates the cause and shows the solution.
- Counting photocell for paper labels and clear with silk-screen printing. Counter function settable for counting labels or centimetres with automatic slowing down by counting end.
- Totalizer counter function settable for counting labels or meters for productivity control.
- Totalizer productivity counter for finished reels.
- The machine is programmed mechanically and electronically for upgrades and options.
- Tool equipment.
- Robust and reliable machine.
- Fully complies with CE directives.