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MATERIAL UNWINDING AND CUT-TO-LENGTH MACHINE CTLR-1500 P

Key features:

- Machine designed for rewinding and cutting foams to preset lengths and winding them into rolls without a cardboard core (coreless rewinding).
- Best suited for light, elastic polyurethane and polyethylene foams with thickness of 2-4 mm (0.08-0.16") e.g. used in bandages production.
- The machine consists of an unwinding section with an expanding shaft driven by an induction motor, and a cutting-winding section. Directly after the unwinder there is a pivot-mounted roller with an inclinometer (balancer). The material passes under this roller, which pre-expands and smooths it. The balancer deflection determines the material unwinding speed.
- The material feed system is built from two rubber-coated rollers with a diameter of 130 mm (5.12") - one driven and one pressure roller. These form the main drive of the machine. Just before the drive rollers there is an encoder for foam length measurement. After the rollers there is a transverse cutting module with clamping bars that press the material to the table during cutting. The table is inclined in the direction of material movement, allowing gravity-assisted feed.
- After the cutting unit there is a second balancer with an inclinometer, enabling tension control before winding. The winding system is built around a stainless-steel rod mounted and locked in rotating sockets. The entire module is additionally mounted on a transverse guide, also driven by an induction motor, enabling edge-guided winding.
- After rewinding the preset foam length, the feed rollers and winder stop, and the cutter performs a transverse cut. After finishing the roll, the stainless-steel rod is manually removed from the roll by the operator.
- The machine can be manufactured with other similar parameters on request.
- The control panel is mounted on a special swiveling arm for improved operator comfort.
- The control panel is equipped with a high-quality touchscreen.
- User-friendly interface available in Polish and English (other languages available on request).

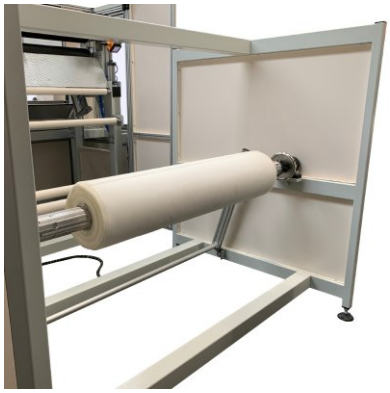
Specifications:

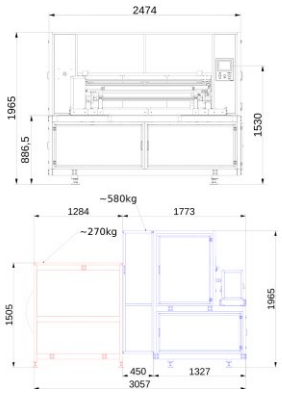
Max roll width: 1200 mm (47.2")
Max roll diameter: 1000 mm (39.4")
Max roll weight: 100 kg (220 lb)
Overall dimensions (L x W x H): 3100 x 2500 x 1965 mm ±30 mm (122.0" x 98.4" x 77.4" ±1.2")
Machine weight: approx. 850 kg (1870 lb)
Power supply: 230 V AC
Installed power: 2.5 kW



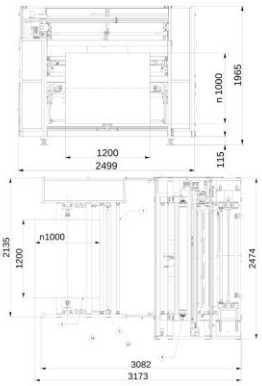







2474
1965
886,5
1530

~580kg
1284
1773
~270kg
1505
1965
450
1327
3057


n 1000
1965
1200
2499
115

2135
1200
n1000
2474
3082
3173

