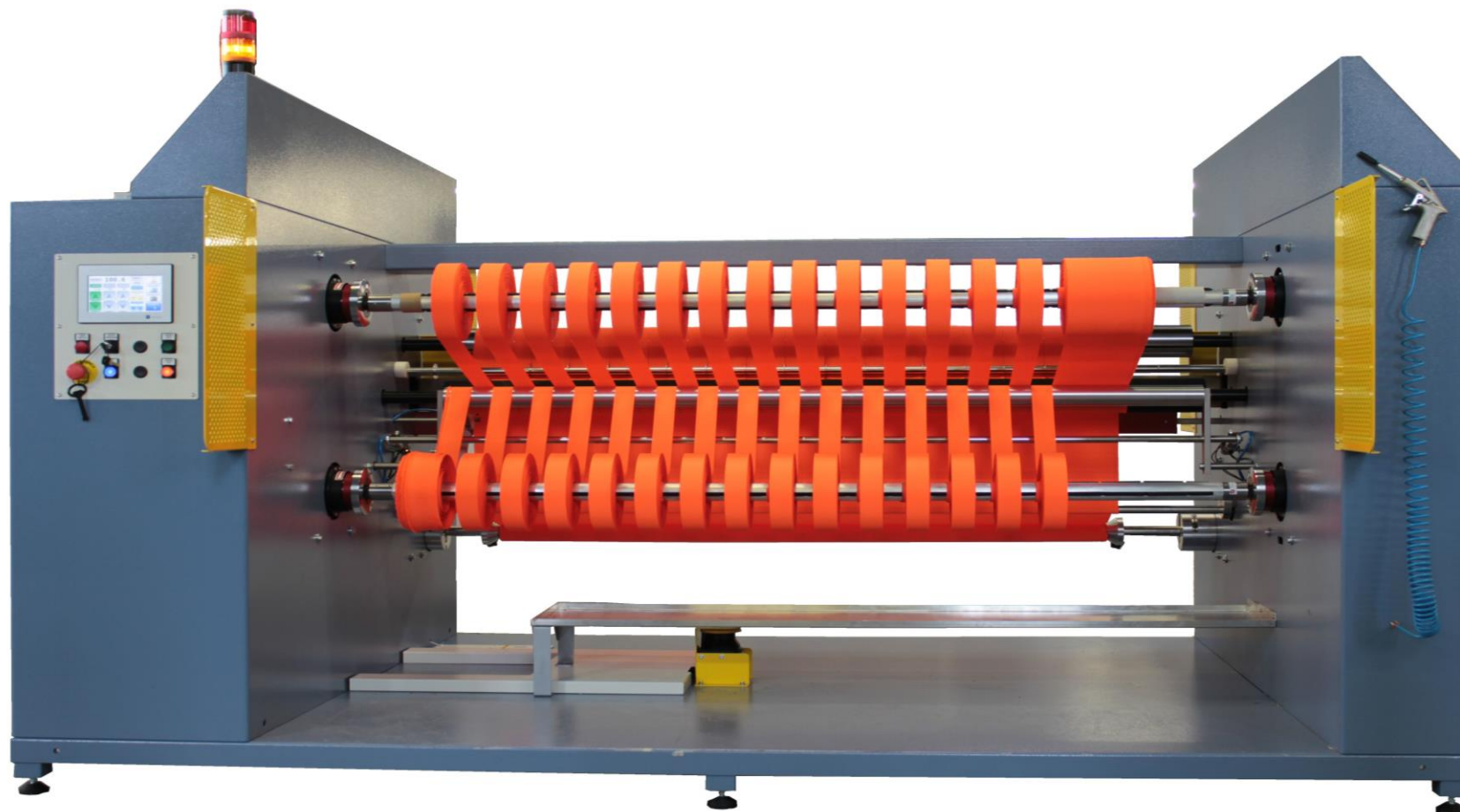




A.M.P PISANI S.r.l. Via Ungaretti 6/8 27024 CILAVEGNA (PV) ITALY
Phone +39 0381 96128 Fax +39 0381 969100 www.amppisani.com email: info@amppisani.com



MINICUT/E
HOT AND COLD SLITTING / REWINDING MACHINE FOR RIBBONS

MINICUT/E HOT AND COLD SLITTING / REWINDING MACHINE FOR RIBBONS CLASS

The slitting-rewinding machine for hot cut of ribbons class MINICUT can cut most roll materials with polyester or acetate fibers by heated razor-cut knives and can also be equipped with rotary crush-cut knives for cold cut

DESCRIPTION

- Unwinding device for rolls up to diam. 40 cm x 180 cm and rewinding section of the cut ribbons on two pneumatic expanding shafts with magnetic powder clutch control on each shaft
- Closed loop controlled brushless motor for the winding motion of the unit with automatic zero speed detection of the winding motor speed
- Pneumatic brake to adjust the unwinding tension and electromagnetic clutch to adjust the rewinding tension of the cut ribbons with commands on the touch screen panel.
- Each rewinding shaft consist of a pneumatic expanding bar for a fast lock of the cardboard core with possibility to remove it completely from the machine for easier loading/unloading operations.
- Cutting width adjustable by moving the heated knives along their support eventually using laser cut jigs in stainless steel (option to be quoted) for a quicker positioning.
- Cut done by pressure of the razor-cut knives on a hardened steel roller of large diameter.
- Knife temperature, cutting speed and rewinding tension are adjustable with commands on the touch screen panel.
- Presettable electronic meter counter on the touch screen panel and fabric end photocell
- Safety laser scanner to detect the presence of the operator nearby the unit to ensure the safety of the staff and the efficiency of the production process at the same time
- PLC controlled UP/DOWN movement of the cold cut blades
- Machine equipped with two touch screen panel, one on each side of the machine
- PLC controlled unit with a additional safety PLC to control only the safety devices. Touch screen panel for data entry and alarm messages.
- Complete diagnostic software to inform the operator of any possible alarm with instructions to restart the unit on a touch screen graphic color panel with photos of the machine parts involved in the alarm
- Machine can be equipped of up to 30 hot cut razor knives class TC/HFX and up to 20 crush-cut cold knives class TC/CLD

DEVICES ON REQUESTS

- **MINICUT/SHA** Additional pneumatic rewinding shaft with diameter on requests.
- **TC/HFX** Heated razor-cut knife
- **TC/CLD** Crush-cut rotary knife for cold cut
- **MINICUT/BC** Beam to support the cold cut knives

TECHNICAL SPECIFICATIONS :

- Cutting speed : Adjustable up to 40 mt/min.
- Max roll diameter : 40 cm (16")
- Max fabric width : 180 cm (5.9') *wider machines available on requests*
- Max programmable temperature : 650° C (measured on the resistance)
- Minimum cutting width : 10 mm (25/64") for hot cut knives,
16 mm (10/16") for cold cut knives
- Installed power : 2.2 kW + 0.2 kW for each blade 380 V 3-phase 50Hz
(other voltages on requests)
- Net weight : Kg. 1.950



DETAIL OF REAR SIDE OF THE MACHINE