

UNIOST - perimeter welding with RF
UNIOST - perimeter welding with thermo-contact



For the production of ileostomy, colostomy and urostomy bags in EVA film and TNT film



Example of composition

- 3-positions reels-holder with unwinder
- Ink-jet or hot printing station (optional)
- Automatic or manual loading unit of one-piece or two-pieces flange (injection flange or flat and convex hydrocolloid)
- Flange thermo-contact welding press pneumatically operated
- Hydrocolloid central hole scrapping station (optional)
- Lateral 3-positions reels-holder with unwinder (optional) for additional films
- Pre-cut charcoal filter loading unit (or optional from reel with filter scrapping)
- Charcoal filters thermo-contact welding press pneumatically operated
- High frequency welding press of the perimeter pneumatically operated or with servo-motor (alternatively thermo-contact welding press)
- High frequency generator built inside the press frame (for RF)
- Indexing unit through two side chains operated by electric motor
- Automatic unloader with conforming and not conforming bags identification
- Perimeter scrap removal unit
- Liquid circulation refrigerating unit of the welding press and/or of the thermal presses
- Electric and control panel with PLC and main touch screen with optional satellites
- Dedicated software for quality control and export of production data (optional)
- Vacuum system for scrap collection (optional)
- One or more labels application unit for ileostomy draining bags closing (optional)
- Vision systems with camera for processing quality control (optional)
- Film automatic junction system between old and new reel (optional)
- Selection station and automatic loading of draining valves (optional – urostomy)
- Leak-test check station (optional urostomy bags)
- Other applications on demand

Technical Characteristics

Reel maximum diameter:	400 mm
Reel maximum width:	345 mm
Press maximum closing force:	1600 kg / 2000 kg / 3000 kg
Press upper plate dimension:	350x350 mm
Press lower plate dimension:	350x350 mm
Indexing unit forward:	350 mm
Output power of the generator:	8 kW (for perimeter RF welding)
Feeding voltage (on demand other voltages):	400 V (+/- 5%) - 3 PHASES + EARTH - 50 Hz