

# RBNVI

Vertical machine for the dyeing of packages, tops, bumps, loose fiber and tow

Standard manufacturing and working specifications:

- Available nominal capacity: 30 to 2000 kg
- Maximum pressure: 5,0 Bar
- Maximum temperature: 160°C.
- Working temperature: 140°C.
- Made of stainless steel 316L for all the parts in direct contact with the dyeing liquor
- Waterproof motors (IP54)
- Waterproof electrical components (IP55)
- 3-level security system
- Magnetothermic protections
- Indirect heat exchanger tested for a maximum pressure of 12 Bar
- Heating gradient: 5°C/minute (from 20 to 80°C – steam pressure: 6,0 Bar)
- Cooling gradient: 3°C/minute (from 130 to 108°C – water temp.: 15°C, pressure: 2,5 Bar)
- Opening and closing of the lid by means of pneumatic cylinders
- Quick locking device for the lid
- Pneumatic system for securing the loading carrier inside the machine
- Coupling mode ready
- Designed, manufactured and tested according to: 2014/68/UE & 2006/42/CE or other equivalent international standards