

ABEP

Spray dyeing machines

Standard manufacturing and working specifications:

- Available nominal capacity: 10 to 400 kg
- Maximum pressure: 0,25 Bar
- Maximum working temperature: 102°C a at sea level
- Made of stainless steel 316L for all the parts in direct contact with the dyeing liquor
- Mirror polished extractable arms for the greatest respect of the yarn
- Magnetic flow meter
- Automatic pneumatic valves
- Manual shut-off valves for the exclusion of arms in operation (variable loading)
- Automatic level sensors
- Waterproof motors (IP54)
- Indirect heat exchanger for heating and cooling:
 - 2,75°C/minute (from 15 to 80°C – steam pressure: 6,0 Bar)
 - 1,25°C/minute (from 102 to 80°C – water temp.: 15°C, pressure: 2,5 Bar)
- Opening and closing of the lid assisted by pneumatic cylinders
- Coupling mode ready
- Designed, manufactured and tested according to: 2006/42/CE or other equivalent international standards