

ROLLING AND PACKING GROUP AWP Type

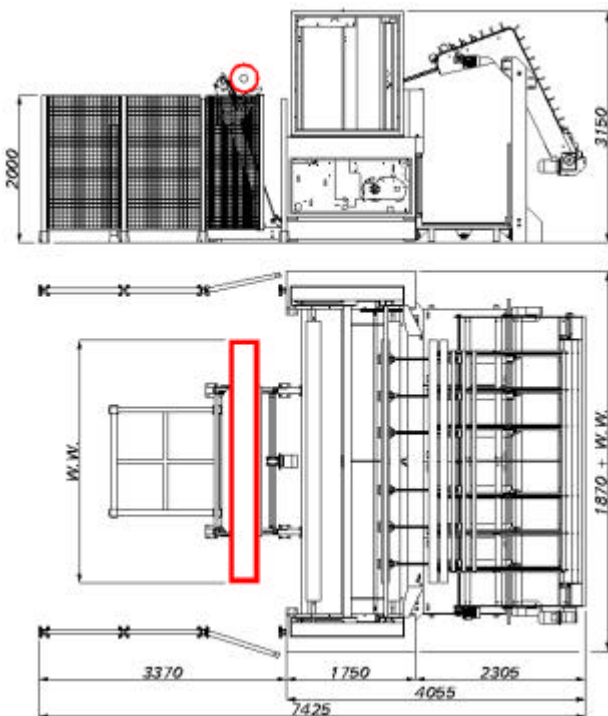
TECHNOplants
technologies for nonwoven





Technical scheme

Processable material.....	Consolidated textile and non-textile products
Work height.....	From 1000 to 4000 mm
Grammature allowed.....	60/500 g/m ²
Max production speed.....	120 m/1'
Chuck diameter.....	Da 50 a 110 mm
Diameter of the finished roll.....	From 100 to 400 mm
Pneumatic circuit pressure	6 Bar
Installed power.....	10 KW
Noise level.....	< 78 dB
Vibrations.....	None registered
Dangerous emissions of any kind	None



Description of the machine:

- o Magazine of the board centers with automatic transfer distribution device.
- o Automatic loading system of the board centers in the rolling zone, with rigged transfer; the transfer is also the support element of the roll during the entire phase of the rolling.
- o Automatic device for wrapping of the material around the board centre, without the aid of mechanical anchorage or glues.
- o Rolling unit made up of two commanded cylinders with automatic expulsion of the roll from the rolling zone as soon as it has reached pre-established dimensions.
- o Possibility of centring the material in relation to the roll in formation through transversal displacement of the rolling unit.
- o Transversal cut of the material, once the roll is finished, by means of a blade with motorised disc.
- o Automatic wrapping of the polyethylene film around the roll.
- o Insertion of labels up to the A3 format.
- o Longitudinal heat closure of the polyethylene film and successive cutting with transversal blade.
- o Lateral closure of the polyethylene film by means of hot air and subsequent pressing.
- o Automatic expulsion of the finished roll in containers or on a transporting belt.
- o Management of all the machine functions, both electrical and electrical-pneumatic, with Programmable Logic device (P.L.C.).
- o Manipulator and exit roller command realized through AC gear motors with electronic speed variation directly from the control panel.
- o Control panel for the control of all the machine functions.

