

# KNITDRY

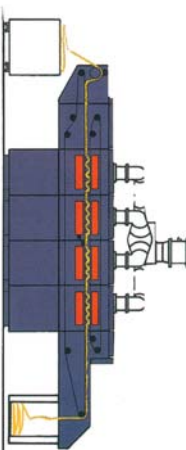
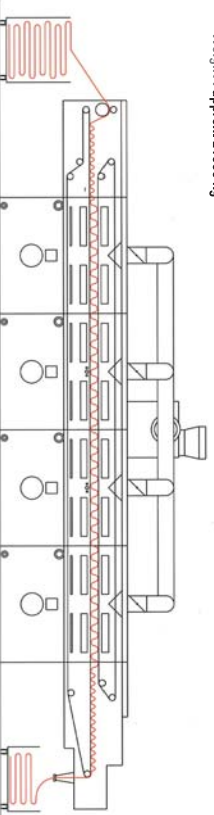


*Dimensional stability, high capacity, optimum productivity.*

The new generation of relax KNIITDRY dryers meets the demands of the twenty-first century. The knitted fabric guided between two conveyors is treated by a patented device in which a suction nozzle is positioned in front of each blowing nozzle. This geometry which enforces the hot air to traverse the fabric without creating any turbulence, allows exceptional productivity. A strict control of the overfeeding allows to obtain the wave forms like a omega or sine curve which associated with the mechanical relax device guarantee optimal stability.

## Technical Data

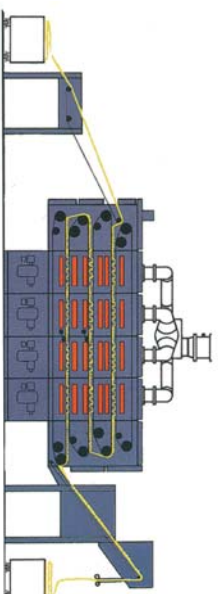
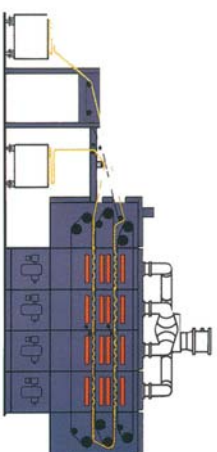
- Example of model KNIITDRY 24/3,4,2 Gas 3 pass model, 4 chambers Working width 2 400 mm
- Speed : 5 to 40 m/min
- Maximum evaporation power : 600 l/h\*
- Maximum capacity : approx. 800 kg/h\*
- Tubular knitted fabric 100 % cotton, 120 g/m<sup>2</sup>, 80 % of residual moisture after hydro - extraction, 10 % of relative moisture after drying at 160 °C inside the dryer
- \* Values not contractual, according to the type of heating and the fabric to be treated.
- Length : 11,72 m
- Width : 5,40 m
- Height : 4,20 m
- Weight : approx. 21000 kg



## BASIC MACHINE

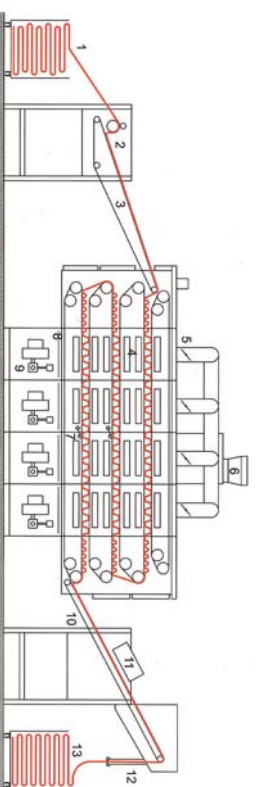
Our standard program of fabrication proposes installations for 100 to 1,000 litres/hour of evaporation.

- \* one, two or three pass
- \* working width : 2,400 or 2,800 mm
- \* heating device :
  - gas-steam-thermic-fluid
  - \* one to four chambers for 1 pass :
  - 100 kg of evaporated water/hour/chamber
  - \* two to eight chambers for 2 and 3 pass: 100 and 150 kg of evaporated water/hour/chamber



## Description

1	Fabric to be treated	8	Filtr filters
2	Inlet unit	9	Temperature exchangers or burners
3	Transport conveyor	10	Transport conveyor
4	Blowing/suction nozzles	11	Optional cooling
5	Extraction valves	12	Traverse folding device
6	Humid air extraction	13	Treated fabric
7	Relaxation device		



TENSIONLESS RELAX DRYER

FOR TUBULAR AND OPEN WITH

KNIT FABRIC