

*Finishing*

Salvade

**Polymerizing**

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POLYMERISING MACHINE for fixing the color of the textile

manufacturer : SALVADE'

type - model AFL with free lap

year 2001

length of the chamber..... 10 metres

textile content..... 240 linear metres

height of cylinders table..... 3500 mm

useable work height..... 3200 mm

lap rods..... 63

length of the lap in centimetres.....from 0 to 200

adjustable speed - metres per minute.....from 0 to 100

production cruising speed - metres per minute..... 80

actual production in linear metres..... 4000/hour

personnel required for each work shift..... 1 person

installed power..... 28 kw

absorbed power..... 19 kw

compressed air at 8 bars, per each/hour..... 3 nm<sup>2</sup>

heating batteries with diathermic oil with forced ventilation

installed thermal power.....kg calorie 800

used thermal power.....kg calorie 650

temperature of the inflowing diathermic oil ..... 240 degrees

temperature inside the chamber.....degrees 150

automatic temperature regulation group

entrance and exit of the textile are both from the giant roll

entry centring/widening device

exit centring/widening device

continuous forward movement of the chain bearing rods

adjustable rotation of the rods

machine dimensions :

. length..... 20 metres

. width..... 6 metres

. height.....metres 4

- space occupied by the machine with electrical panel..... 140 sqm

- working space around the machine..... 100 sqm

the time required for mounting the machine amounts to 3 weeks for the mechanical, electrical, pneumatic and thermal parts, as well as a week for start-up and testing.

No foundation works required, but simply an industrial floor, normally bearing loads.

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