

ALFINA LINE PRODUCTION

"Fabio Perini spa" Line production is composed of following parts:

- 1. Alfina automatic Winder machine x 2650 mm, model 68.50, composed of:
Unwinder/Uncoiler, model 1213, complete of loading spool system;
Point-point Roller embossing group, mod. 49.2;*
- 2. Gluing machine mod. 570 E;*
- 3. Storage mod. 510/618 complete of unloaded model 618;*
- 4. Cropper mod. 160;*
- 5. Packer and bagging machine Wrapmatic;*
- 6. Different / several Conveyer belts.*

As follow, we draw up a list of all details of the technical characteristics of all parts of Alfina Line Production.

1. The Alfina automatic Winder x 2650mm model 68.50 (1998)

The Alfina automatic Winder was made to enrol tissue, paper for hygienic uses, in logs with diameter between 90 and 140 mm. His working (running operation) is completely automatic and continues, with a maximum speed of 470 mt/min. The two main characteristics -the absence of metallic mandrel and the own wrapping system- have permitted the creation of this compact and reliable automatic winder with an easy structure and function in the same time.

Technical characteristic of: Alfina automatic winder machine.

<i>Mechanical speed:</i>	<i>550mt/min.</i>
<i>Working guarantee speed:</i>	<i>470 mt./min.</i>
<i>Working width:</i>	<i>2.650 mm</i>
<i>Length perforation (standard)</i>	<i>125 mm</i>
<i>Maximum width of winding:</i>	<i>1.500 mm</i>
<i>Min.and max diameter of log:</i>	<i>90 and 140 mm</i>

We have the possibility to supply the embossing systems Point-point (1997):

<i>Speed production:</i>	<i>till to 350 mpm.</i>
<i>Dimension:</i>	<i>2.650.</i>
<i>Gearing lubric. of steel rolls lead:</i>	<i>included</i>
<i>Embossing lubricator steel rolls:</i>	<i>included</i>

<i>Support enrolling lubricator:</i>	<i>in cluster</i>
<i>Paper passage with small belts:</i>	<i>included</i>
<i>Diameter of steel rolls:</i>	<i>409 mm</i>
<i>Diameter of rubber rolls:</i>	<i>350 mm</i>
<i>Diameter of gluer roll:</i>	<i>242,85 mm</i>
<i>Diameter (lappato) smoothing roll:</i>	<i>261.65</i>
<i>Diameter pick glue up:</i>	<i>287,3 mm</i>
<i>Own electric power:</i>	<i>50 kw. +/-</i>

2. Gluing machine mod. 570 E:

The gluing machine 570 E has an innovative position of the edge, besides the already tested gluing overflowing system. The edge is hooked inside of sucking/suction buttonhole, with the same length of log, where the paper length is read. The gluing machine has been created/projected for medium-high production with 28-30 logs/min.

Technical characteristic of: Gluing machine mod. 570 E:

<i>Maximum speed:</i>	<i>till 30 logs/min</i>
<i>Dimension:</i>	<i>2,750 mm</i>
<i>Logs diameter:</i>	<i>from 90 to 160 mm</i>
<i>Absorbed power:</i>	<i>3 kw.</i>

3. Storage mod. 510/618 complete of unloaded model 618:

This tool is useful to storage the exceeding paper production of automatic winder as regards of the whole line production. The real storage capacity is more or less 100 logs.

Technical characteristic of: Storage mod. 510/618 with of unloaded model 618:

<i>Storage Speed:</i>	<i>till 28 logs/min.</i>
<i>Own electrical power:</i>	<i>2,2 kw</i>
<i>Weight:</i>	<i>5.300 kg +/-</i>
<i>Real storage:</i>	<i>100 logs.</i>
<i>Max diameter of log:</i>	<i>140 mm</i>

4. Cropper mod. 160:

This machine has been created to permit the cut of three logs at the same time (contemporary). It guarantee a big quantity and a precision cut only. It is equippe

of incoming system which is composed of 3 leading strong chains, that thanks to serial supports, it pushes the logs throw.

Technical characteristic of: Cropper mod. 160;

<i>Cuts (rotations) per minute:</i>	<i>150</i>
<i>Length of cut:</i>	<i>228-98 mm +/-</i>
<i>Min and max logs diameter:</i>	<i>from 90 to 130 mm</i>
<i>Own electric power:</i>	<i>18 kw +/-</i>
<i>Main engine:</i>	<i>continues electric power</i>

5. Packer and bagging machine Wrapmatic;

Packer machine model Wrapmatic Polywrap 10, to package 2 - 4 - 6 rolls of hygienic paper and 2 rolls of kitchen roll.

Bagging machine model Wrapmatic B.F.A.10.