



## HEAT TRANSFER PROCESS CONTROL

Work with recycled and light papers, very sensitive to heat, makes almost necessary a close control of temperatures in the corrugating process in order to achieve optimization of all production qualities.

Moreover, paper overheating must be avoided, for economy and quality reasons. This is possible through an active temperature control system, such as the following described:

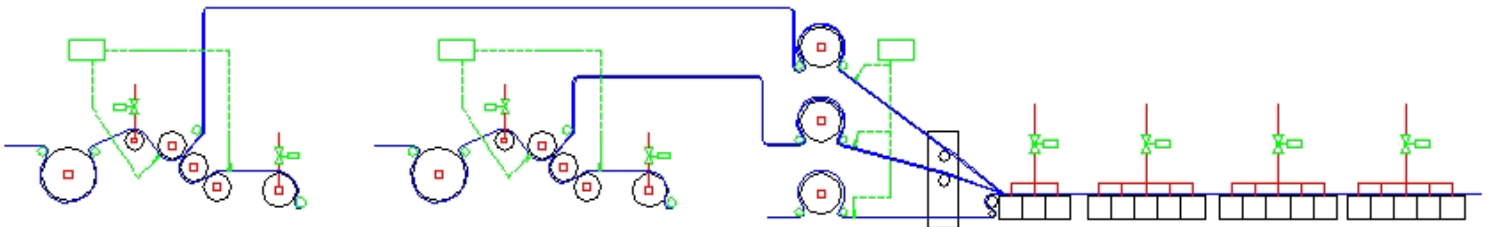
A central processing unit monitorizes and controls the main temperatures of the corrugating process, measured through infrared transmitters, and shows them through local and remote screens. The systems keeps critical temperatures along the corrugating process in their set point, acting on the rolls' wraps and regulating pressures (when wrap control isn't possible or enough).

Recipes can be stored in the system in order to automatically reproduce certain production conditions, by simply loading a production program from the system. Historical graphs are stored in order to keep close control of production temperature parameters. All the system is controlled from the control cabin and from the local screens. The system is prepared to allow remote upgrades of the system's software through remote connections.

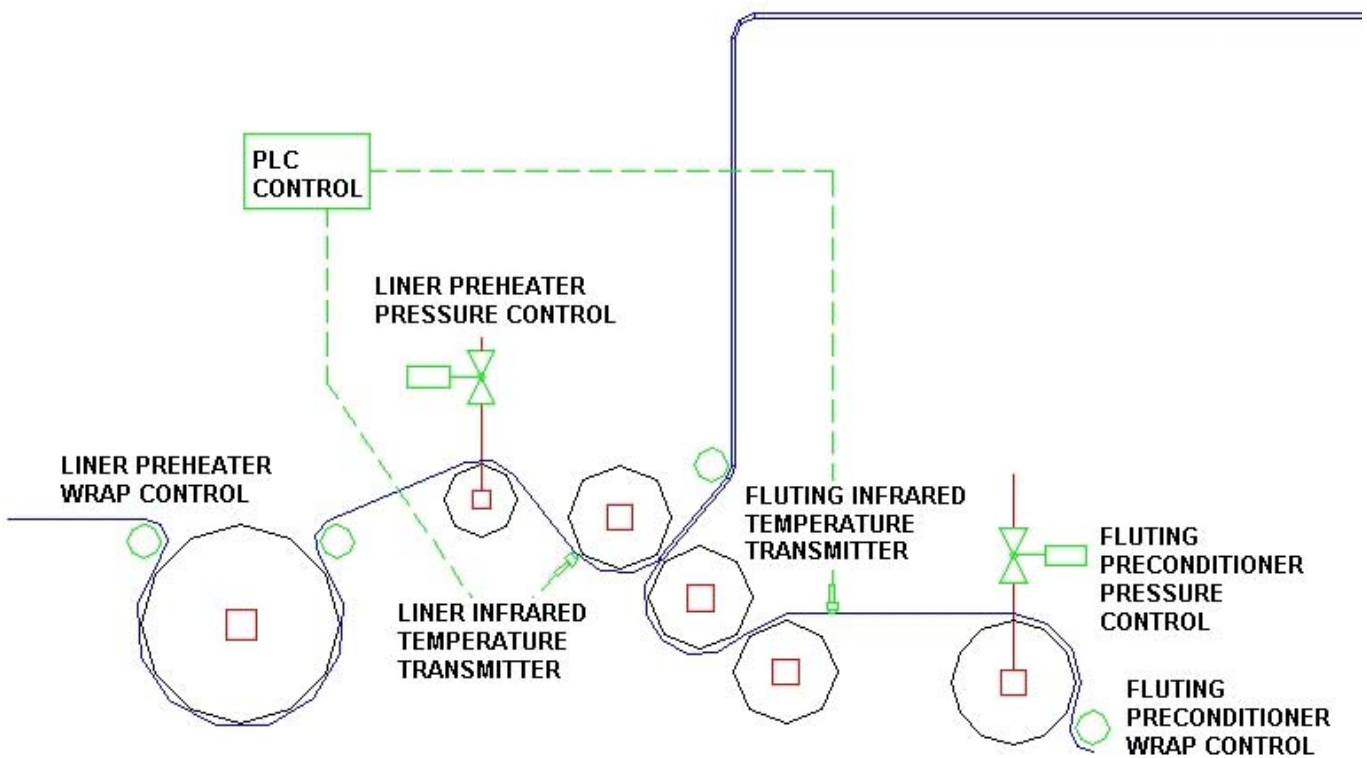
Please find below an orientation list showing some papers' best production temperatures, and a second screen showing the points of the corrugating pressure where temperatures are measured and controlled. For further information, please contact us on [baviera@rbaviera.com](mailto:baviera@rbaviera.com) or +34 96 155 37 48.

SINGLE FACERS		HOT PLATES	
LINER	°C	LINER	°C
KRAFT / TEST	75° - 80°	WHITE LINER	60° - 65°
INTERLINER / EXTERLINER	75° - 80°	WHITE TEST	60° - 65°
MEDIUM LINER	75° - 80°	WHITE KRAFT	60° - 65°
More than 170 gr/m <sup>2</sup>	80° - 85°	LINER KRAFT	60° - 65°
<b>FLUTING</b>		KRAFT	60° - 65°
SEMI-CHEMICAL	90° - 95°	COATED PAPER	55° - 60°
HYDROSAICA 115/130/150	75° - 80°	INTERLINER	65° - 75°
HYDROSAICA 175/200	80° - 85°	EXTERLINER	65° - 75°
MEDIUM (low weight)	75° - 80°		
MEDIUM (high weight)	80° - 85°		

## CORRUGATOR



## SINGLE FACER



15:09:04 03/03/2009

**BAVIERA**

ON

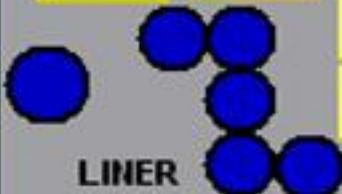
ON

ON

TOP MAIN

8.5 11.0  
8.5 11.0

FLUTE  
7.0  
7.0



LINER

51 97  
40

WEB

90

C FLUTE

NO LINKED SP

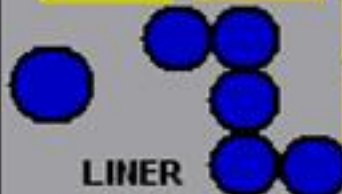
AUTOMATIC MODE

UNDER WRAP

TOP MAIN

7.1 11.0  
7.0 11.0

FLUTE  
7.0  
7.0



LINER

60 96  
60

WEB

109

B FLUTE

NO LINKED SP

AUTOMATIC MODE

UNDER WRAP

TOP

62  
40

MIDDLE

81  
100

BOTTOM

77  
85

TRIPLE  
PREHEATER

PCV1 PCV2 PCV3

4.0 4.0 5.0  
4.0 4.0 5.0

SECTION 1 SECTION 2 SECTION 3

CONDENSATE

151 152 158

HOT PLATES

TOP

71  
82

BOTTOM

CONFIG

RECIPES

C  
FLUTE

B  
FLUTE

TRIPLE  
PREHEATER

HOT  
PLATES