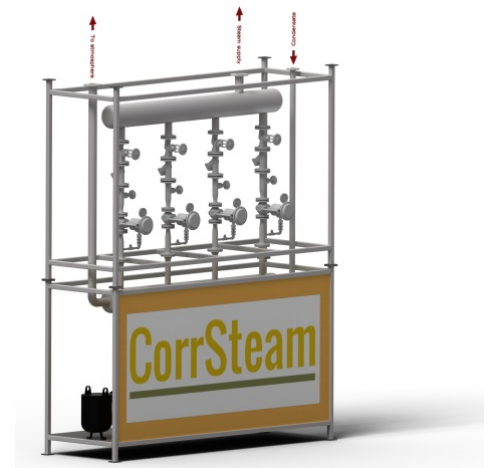


CorrSteam

Zero Zone unit “The secret is in the cooking”

To produce good quality corrugated board it is important to have a good control and flexibility on the temperature settings of the different zones in the double facer.

Very often the different drying zones are connected to the main steam feeding line with little or very basic possibilities to adjust pressure and temperature. Setting a specific temperature profile throughout the double facer and lowering temperature is impossible, this creating difficulties in runnability with today's most common corrugated board compositions.



L.A.consulting developed the Zero (Pressure) Zone unit for double facers.

The Zero Zone Unit provides a solution to systems facing problems with restricted temperature adjustment due to the commonly used Cascade regulation systems or steam systems working in high pressure condensate return systems.

The Zero Zone unit, build for 3 or 4 zones, makes it possible to create whatever temperature profile on the double facer and gives you the possibility to run your corrugator “cold” optimizing runnability and energy consumption. .

The “Zero Zone unit” is manufactured as a skid to minimize installation time but is customized to the exact wishes of the customer and needs in the corrugator production line.

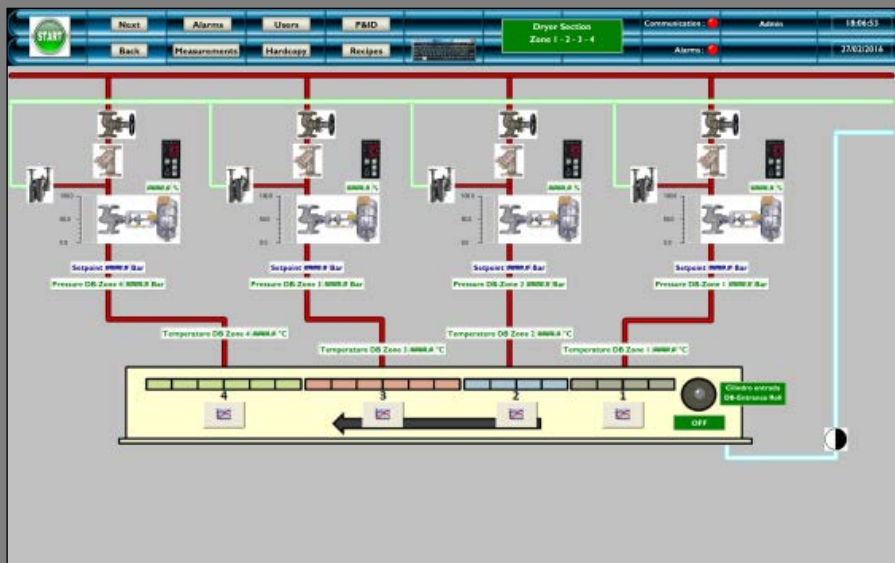
The technical concept behind The Zero Zone Unit makes it possible to integrate the unit in the existing steam distribution systems and the technology used allows a fast reaction time and temperature adjustment.



CorrSteam
Zero Zone Unit
installed on
existing Double
Facer



Double Facer
with 4 individual
controlled zones
with pressure and
temperature
indication +
separate control
on entrance roll.



Customized
visualisation of
the process.

All 4 zones
independently
adjustable
between 0 – 13
bar

The “Zero Zone Unit”, as all other CorrSteam control systems, delivers an unmatched operational comfort and process visualisation. Process parameters are memorized and can be recalled at any time which guarantees full repeatability of the corrugating process.

All CorrSteam systems are modular built and can be part of a new steam installation for your corrugator line or can be integrated as an upgrade or retrofit in your existing installation.

Features & Benefits:

- Flexible process control on the corrugator line
- Temperature control and setting in function of board composition
- Fast reaction time and temperature adjustment
- Allows to run complex papers (light weight and coated) as part of the board composition due to complete process and temperature control on the double facer
- Better control of warp and reduction of waste
- Energy saving on boiler fuel consumption
- Reliable components assure a maintenance free operation
- Modular system
- Short installation time
- Process control with minimum of operational interference
- Online supervision of the Corrsteam system possible
- Standard communication protocol for easy connection with planning system
- Turn Key supply
- Proven results after successful installations and implementations
- Excellent ROI

CorrSteam is a development of L.A Consulting BVBA.

L.A.Consulting has strong partnerships with respected and renowned suppliers for the manufacturing and installation of CorrSteam products.

For more information: www.laconsulting.be or www.corrsteam.com