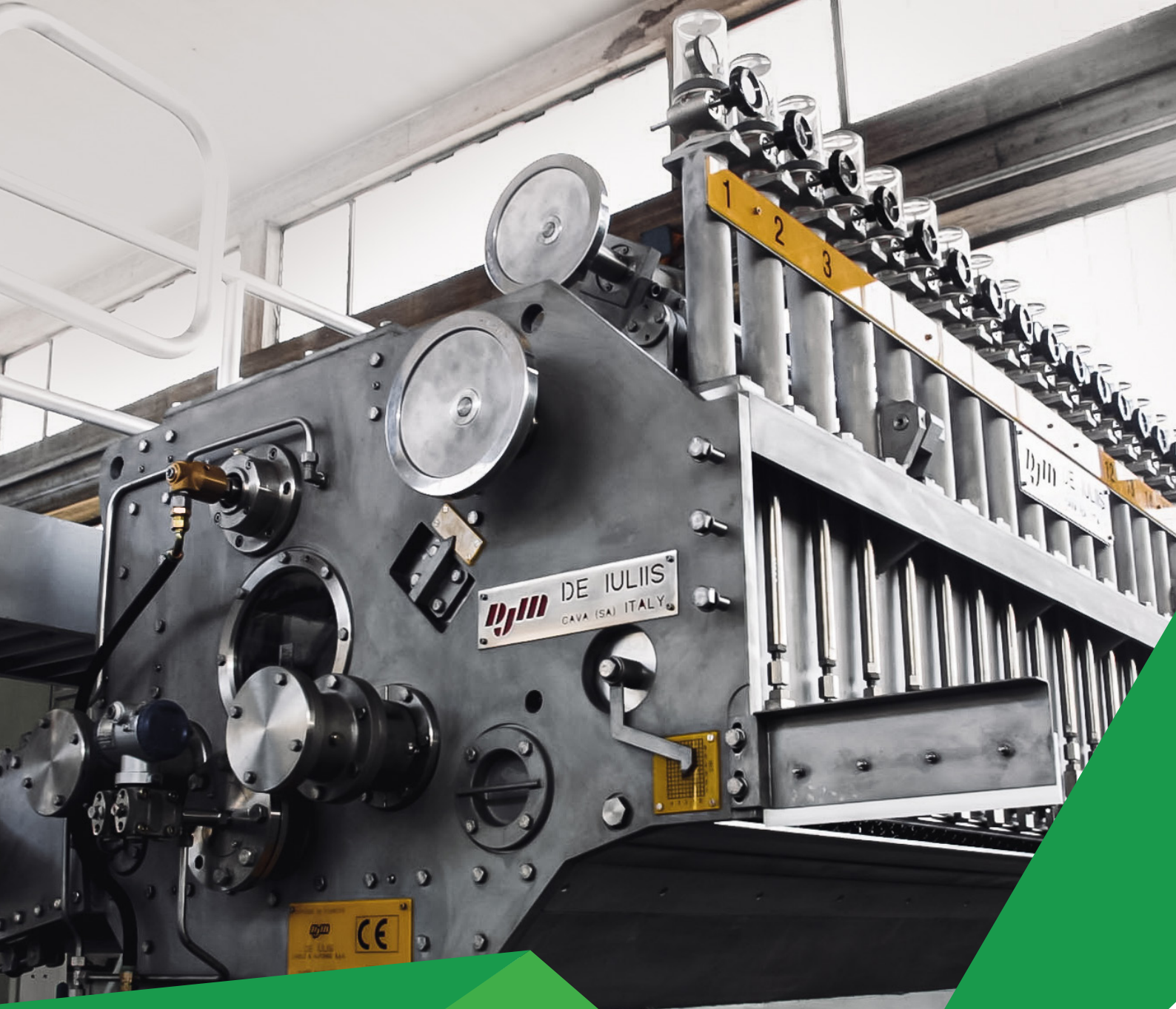

FLEXYFLOW

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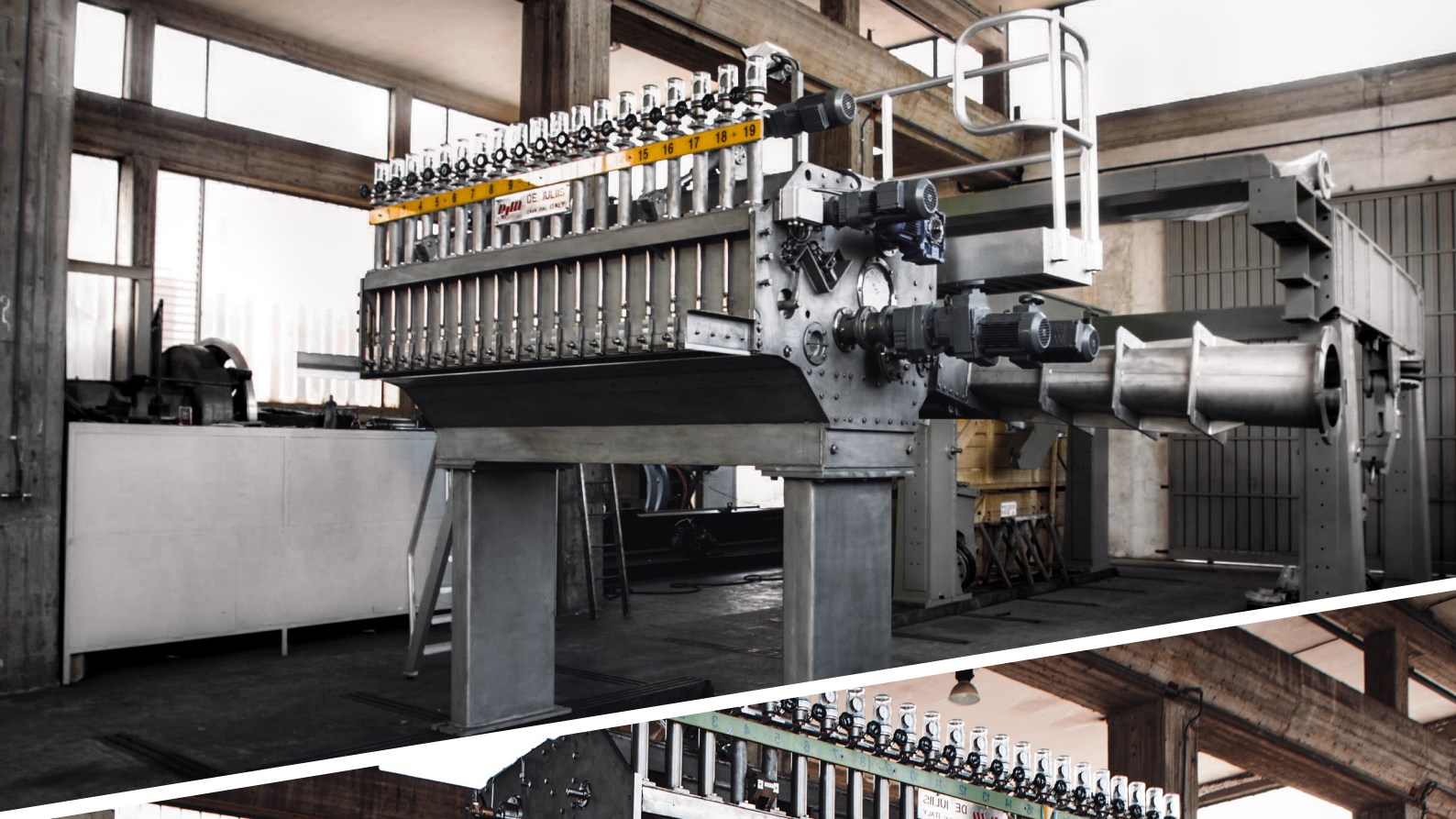
PAPER MACHINERY

FLEXYFLOW

FlexyFlow Headbox is a modern design rectifier rolls headbox, with tapered cross header and multistep manifold which represents the perfect choice for paper grade production from 180 gms up to 700 gms, and up to 700 m/min.

This headbox is specifically designed to give the maximum flexibility, allowing fast and easy change of paper grade and production parameter, that makes FlexyFlow headbox the correct choice for all paper mills with wide range of products.



Construction data :

Entirely made in stainless steel
manufactured with components bolted together.
Internal surfaces are finely **polished, Ra=0,2 roughness**.

Main features

All the adjustment movements, either manual or automatic with remote control, can be carried out with the machine in operation.

Headbox temperature control equipped.

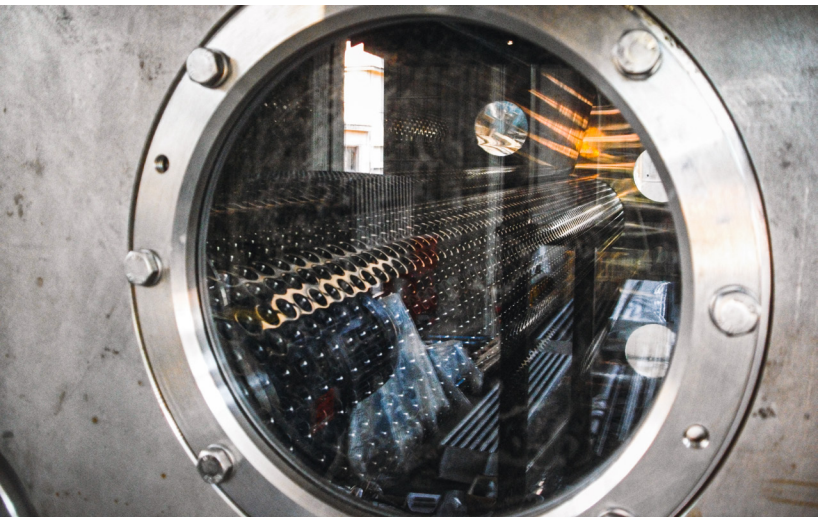
The headbox is designed specifically to create macro and micro turbulences in order to guarantee the perfect distribution of the stock avoiding the phenomenon of flocculation on the wire and assuring a good formation and CD profile.

All the headbox parameter are controlled by PLC or DCS. Possibility to correct the CD profile with manual micrometric actuators or motorized ones, remotely controlled by the interface between QCS and DCS for an automatic self-regulation of the profile.

Digital display for lips opening with impulse-count type with set up value.

Pressure and water level are independently controlled either working under pressure or with vacuum inside, and can be remotely regulated and adjusted to optimize the paper formation.

An overflow recycle is provided in the applications which require a wider range of working conditions.



Interconnection 4.0

The machine can be fully integrated with remote management systems, allowing the transmission of operating parameters both in local management systems inside the plant, and externally visible by cloud systems. The remote panels can be placed in different position of the machine and of the control cabin, allowing to constantly monitoring of the machine parameters.