

SHORT CYCLE LAMINATION

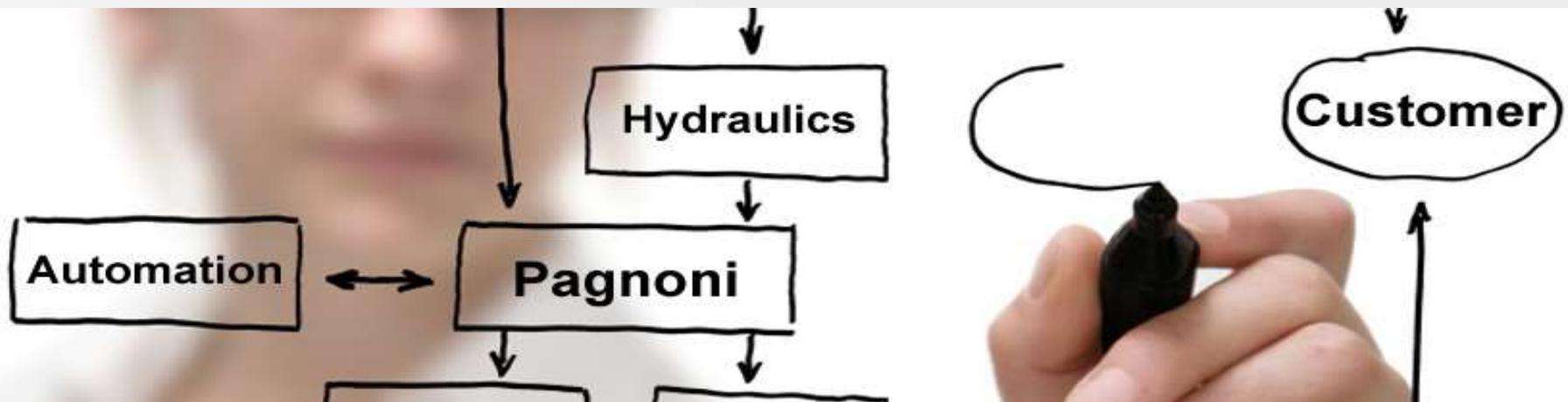
PAGNONI IMPIANTI

Monza - Italia

PAGNONI IMPIANTI , leader in manufacturing of wood based panel machineries with more than one hundred years of experience, produces **technologically advanced** Short Cycle Lamination lines in Italy.



PAGNONI IMPIANTI, thanks to a modern company organization, offer a **complete approach** to develop bespoke projects **satisfying** the most demanding Customers productions **requirements**.



Specialized partners deliver advanced technical solutions for an optimal updated answer.

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Heating plates dimension:

length up to 13 m

width up to 2,65 m

Specific press pressure:

up to 100 Kg/cm²

Capacity:

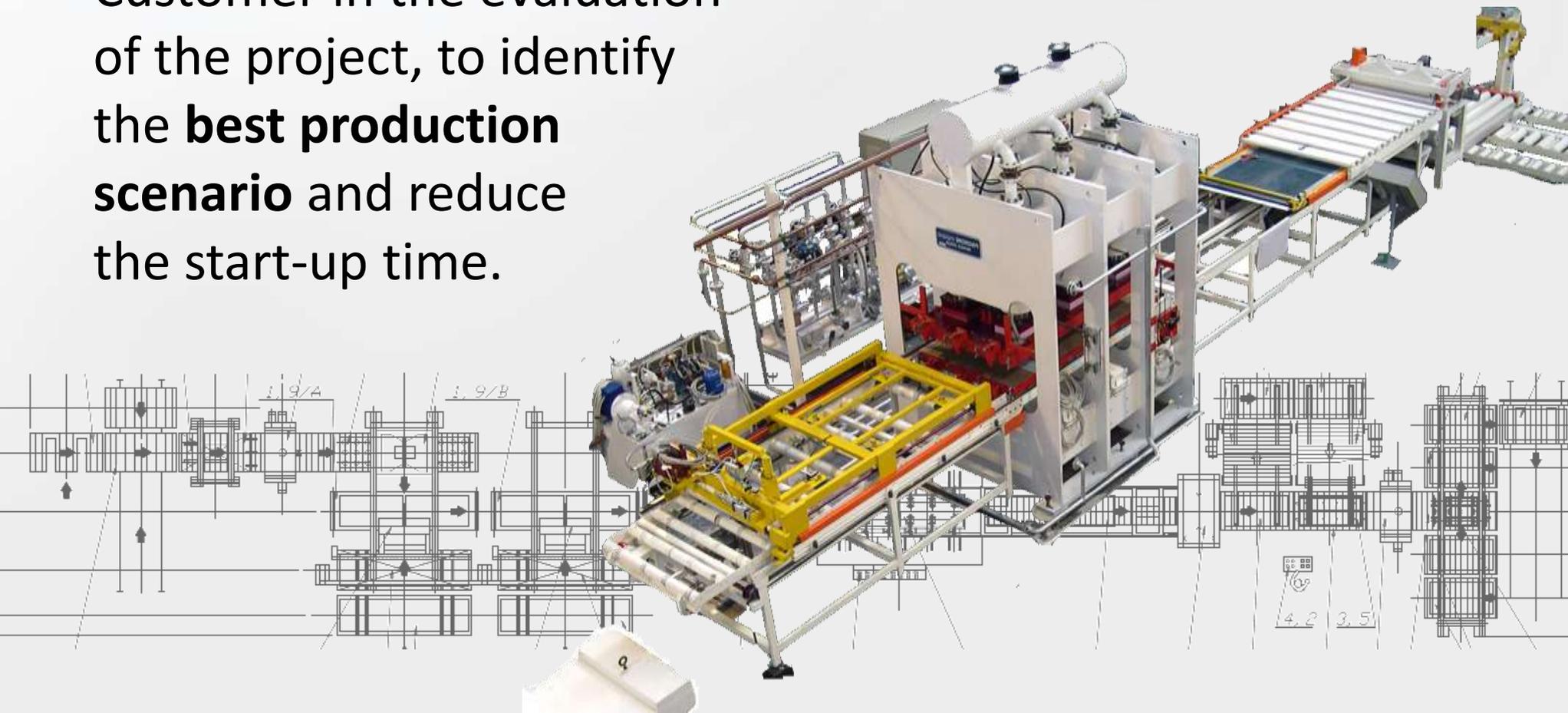
up to 180 cycles/hour

PAGNONI IMPIANTI technical department design solutions enriched by constant efforts in research and development of innovative solutions.

Pagnoni engineers tailor bespoke production procedures to be easily managed by means of PLC.



PAGNONI IMPIANTI support
Customer in the evaluation
of the project, to identify
the **best production
scenario** and reduce
the start-up time.



Hydraulic performances assured by latest Bosch-Rexroth original components.

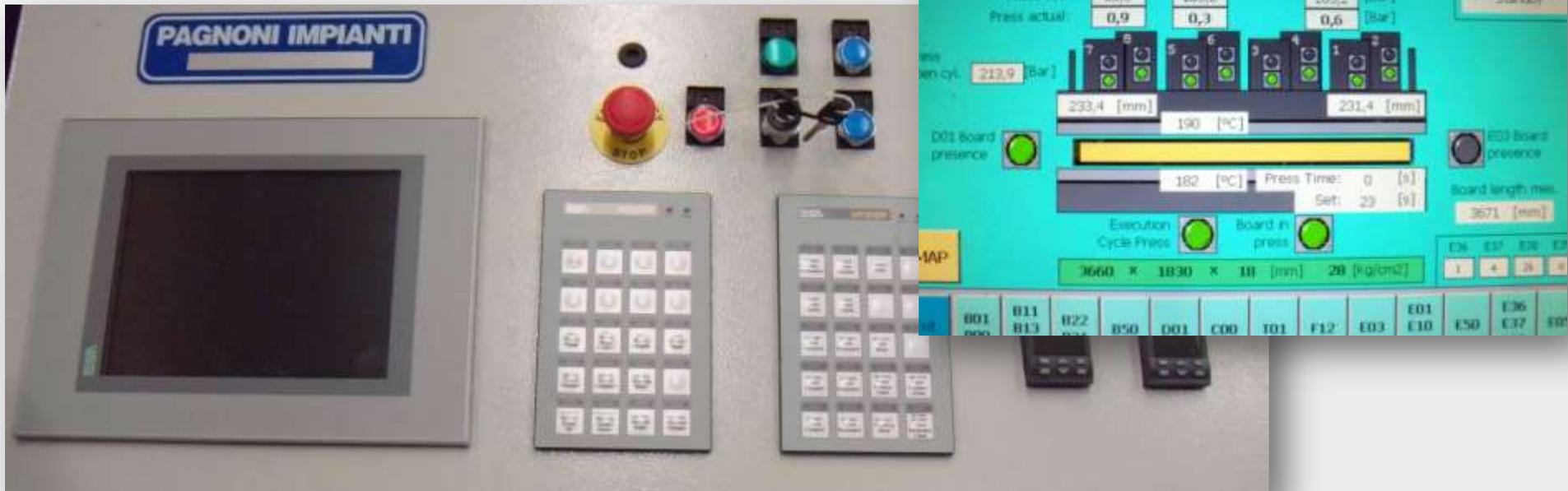


High quality **cylinders** powering Pagnoni presses to distribute an even pressure on the platen surface. Hydraulic accumulator boosting press closure speed.

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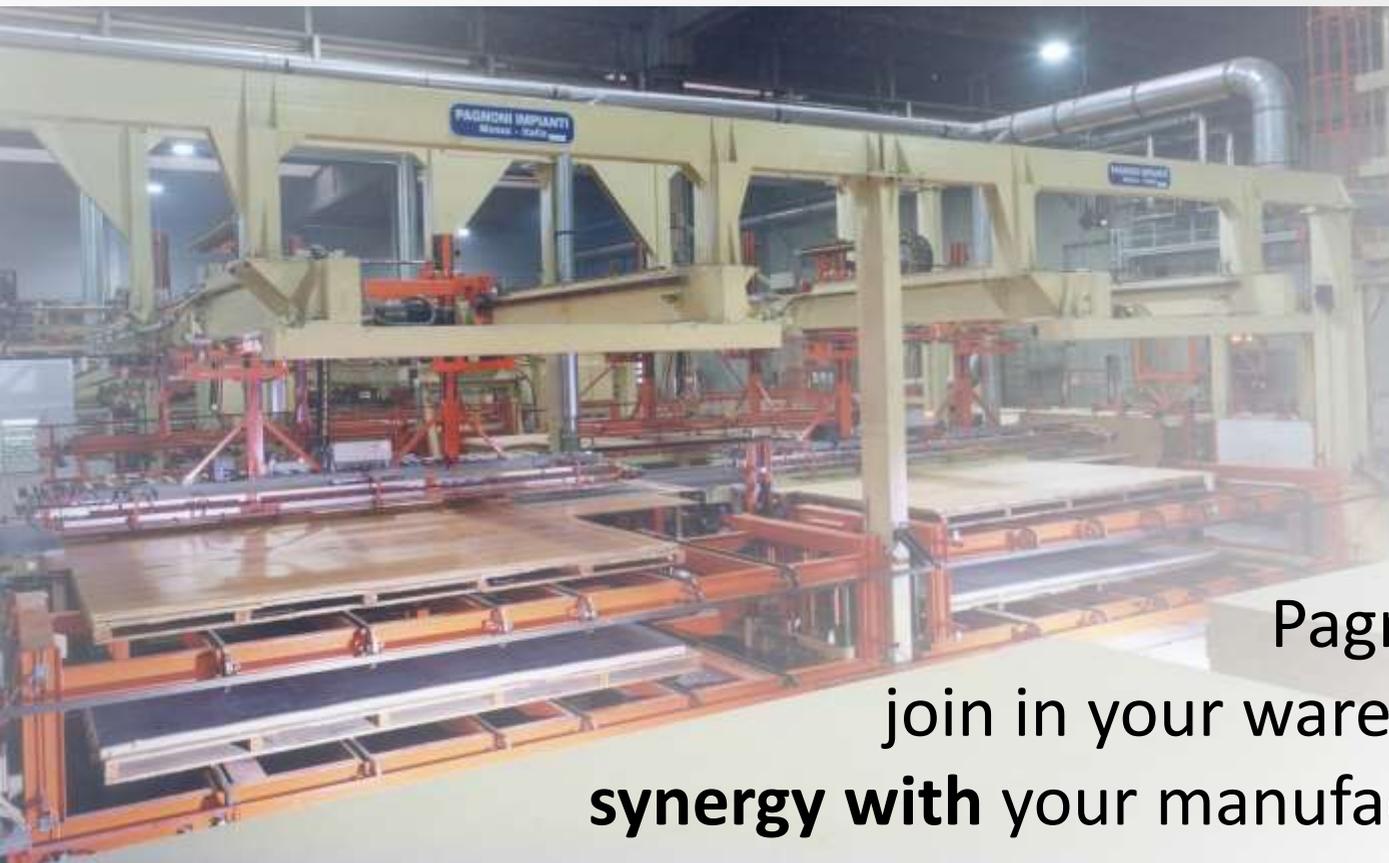
Production **easily managed** by PLC. At a glance all the parameters can be checked by supervisor, and locally adjusted for a **constant high quality output**.



Production data securely stored and connected with the Company IT infrastructure. Fast set-up of the press cycle parameters retrieving production recipes and Customer preferences.



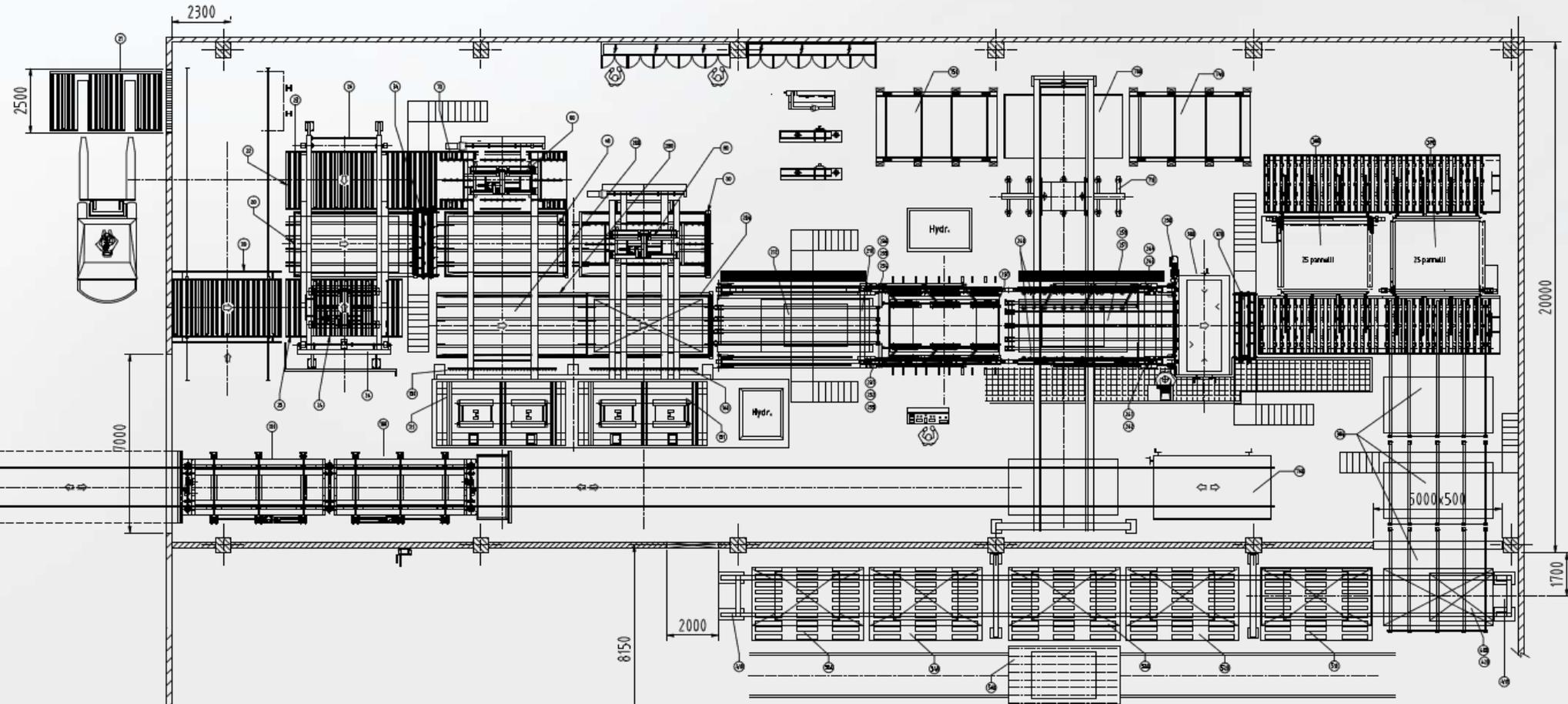
Automatic handling system, reliably accomplishes fast production cycles, customized to specific requirements.



Pagnoni Impianti lines
join in your warehouse bringing on
synergy with your manufacturing **processes**.

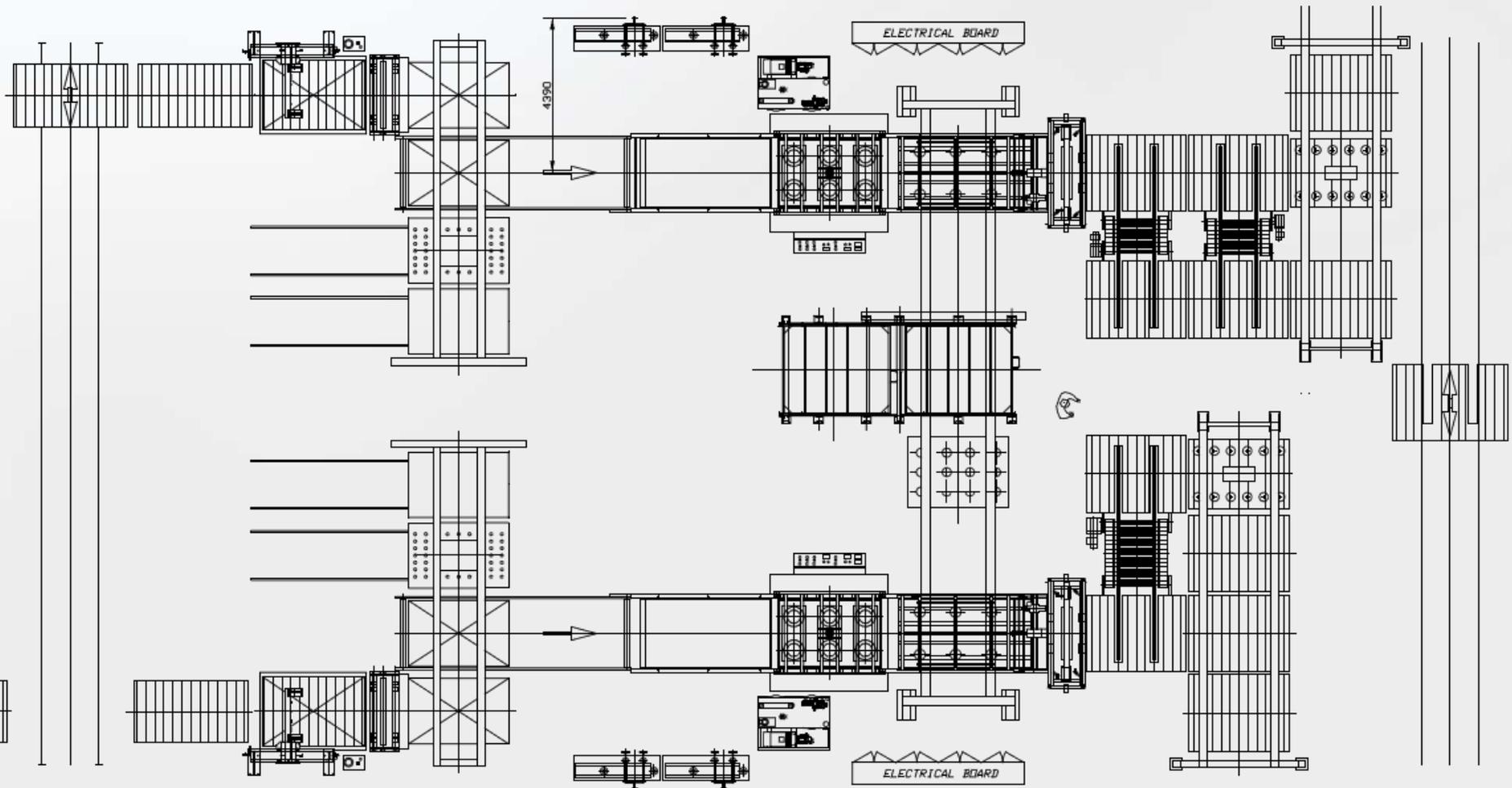
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High capacity press: quantity and quality with simple management.



Reduced dead time guaranteed by innovative introduction/extraction truck.

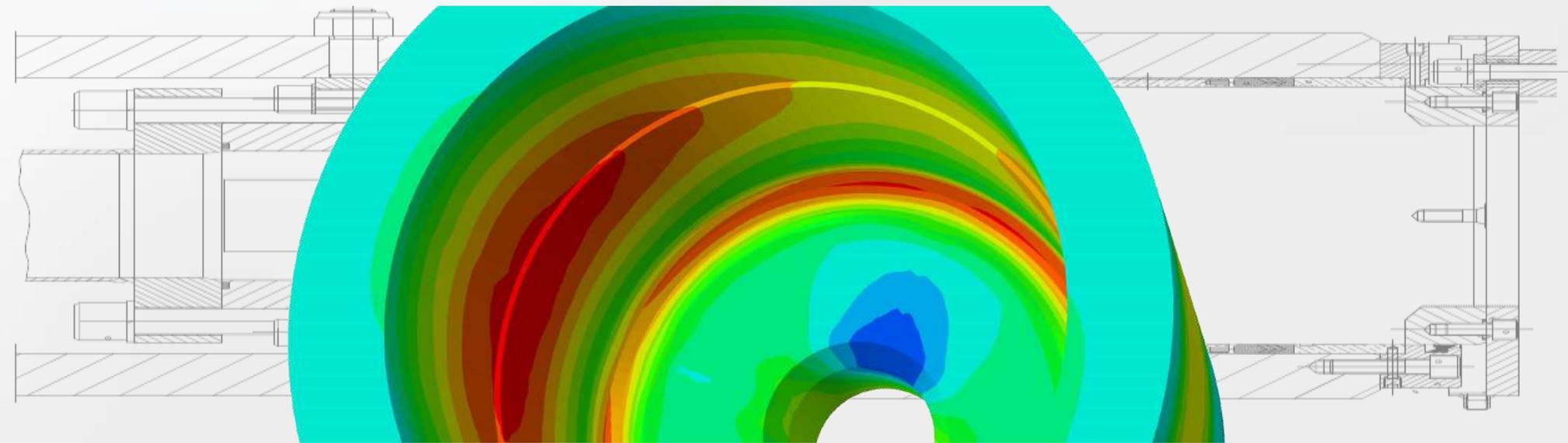
Special equipment to work with **embossed in-register** system with paper decorations, for production of high quality boards, with pore structures on both surfaces

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High quality is our target: all devices installed in a Pagnoni Impianti line contribute to guarantee an **optimal result.**



Last generation **2D** and **3D** design softwares, **FEM** and **thermal simulation**.



Pagnoni Impianti collaborates with Italian University to develop energy saving innovative solutions for the thermal plant of the pressing lines

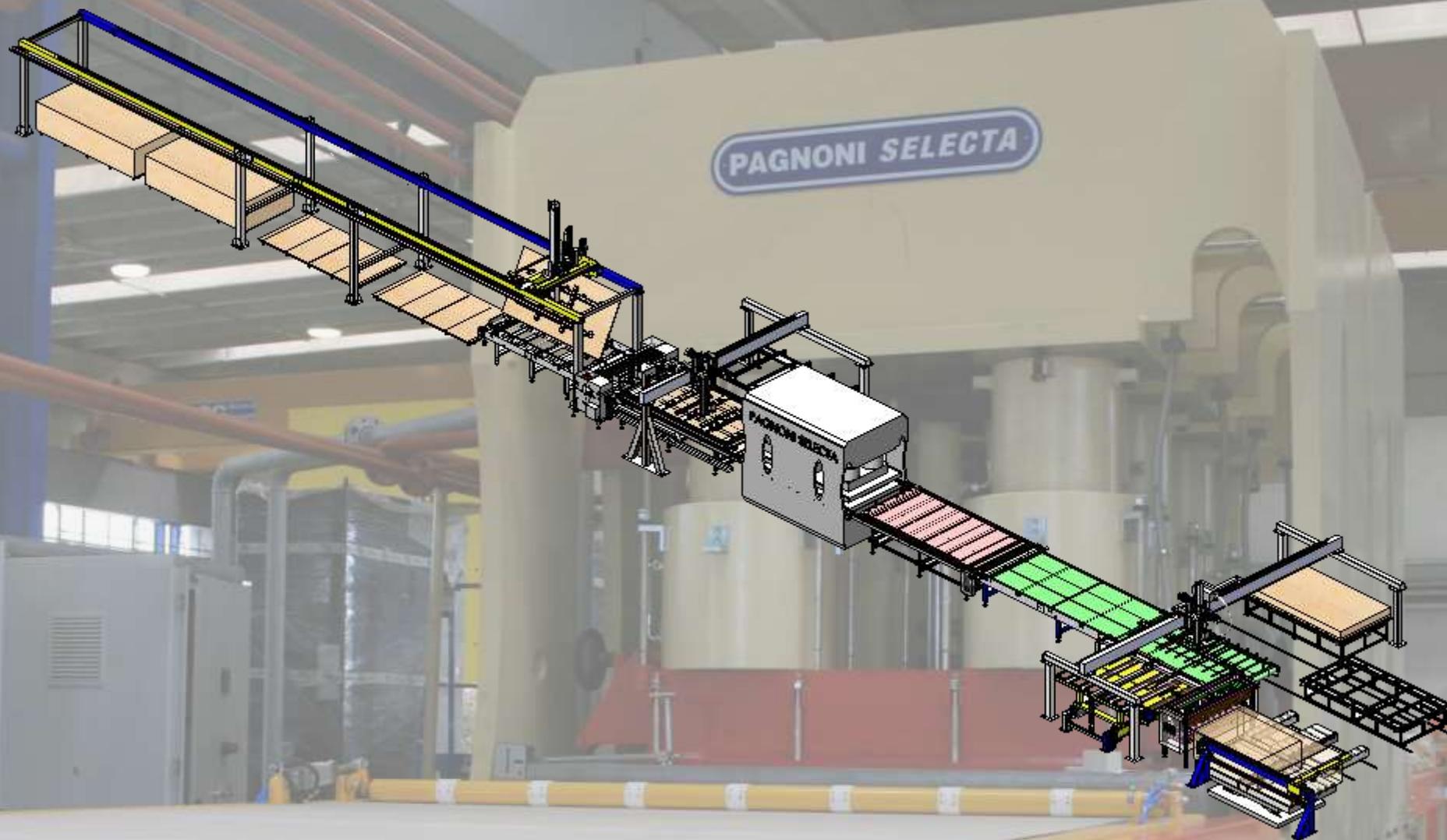
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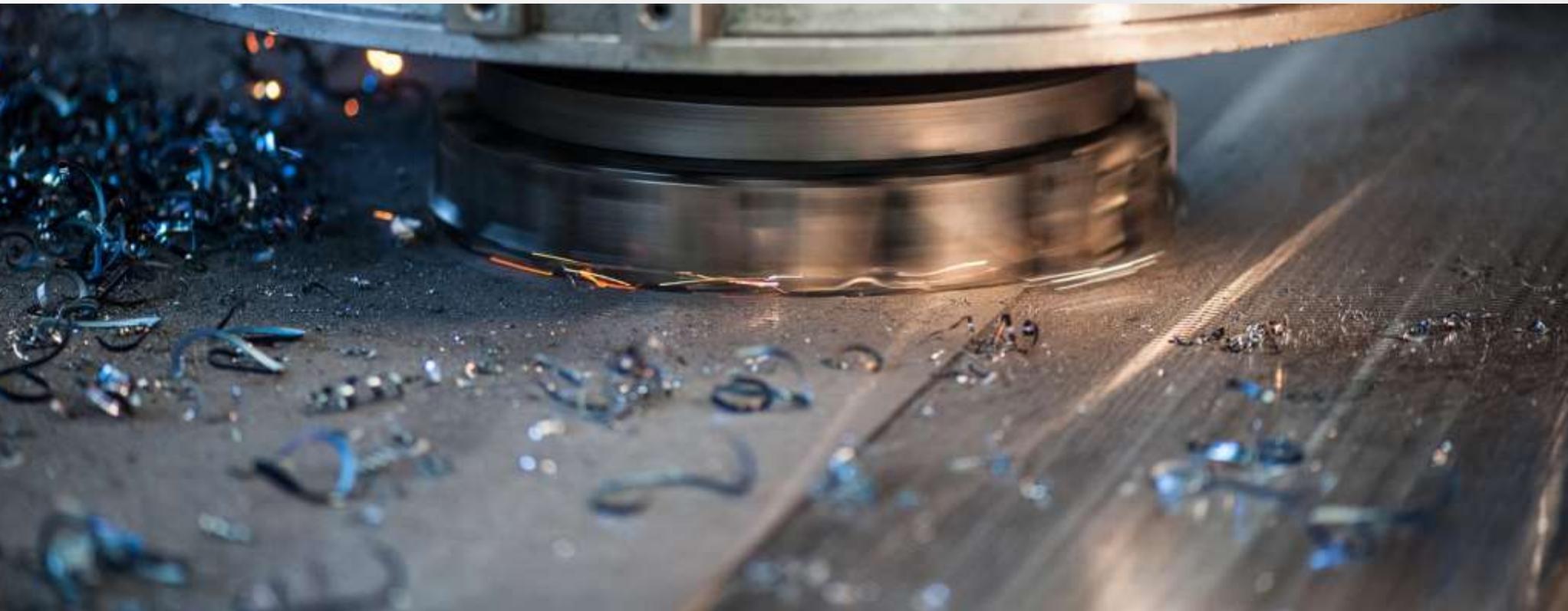


Expertise and long tradition in hydraulic presses manufacturing show in the overall quality of the Pagnoni production.



Optimal heat distribution
thorough the platens, thus assuring **power saving.**

Steel platens finely grinded and sanded: the smoothest interface between raw material and high-end products.



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Pagnoni Impianti is proud to produce in **Italy**.

A photograph of a male worker in a black t-shirt operating a large industrial machine in a factory. The worker is in the background, slightly out of focus, looking towards the camera. The foreground shows the intricate, metallic components of the machine, including a large, dark, cylindrical part with several circular holes. The background is filled with industrial equipment and bright lighting, creating a sense of a busy manufacturing environment.

European steel for a press structure with
high safety factor and long life.

High reputation of suppliers makes the difference:

Rexroth
Bosch Group

HAWE
HYDRAULIK
Solutions for a World under Pressure

Parker

SIEMENS

Schneider
Electric

VACON
DRIVEN BY DRIVES

RITTAL

PNEUMAX

REINER BRACH
UNTERNEHMENSGRUPPE STAHL

Pagnoni Impianti offers complete training to your personnel for an efficient production and proper maintenance: mechanical, electrical ,hydraulic.



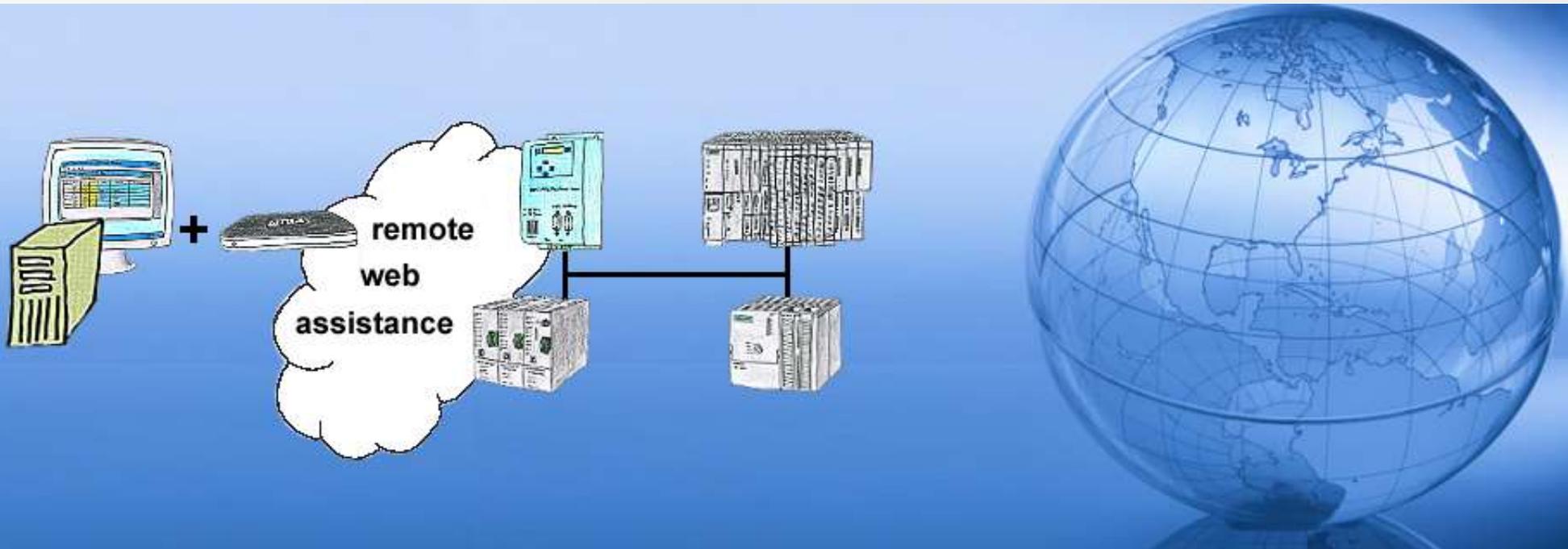
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Prior to shipment your line will be installed in Pagnoni Impianti facility for a complete check and cold test to reduce start-up time.



Always on time web assistance, to support accurate understanding of the problems that might arise.



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PAGNONI IMPIANTI SRL

Strada per Cascina Restelli, 26-28
20886 Aicurzio (MB) – Italy

Tel. +39.039.23521

Fax +39.039.2352222

Skype id: pagnoniimpianti

www.pagnoni.com

info@pagnoni.com

