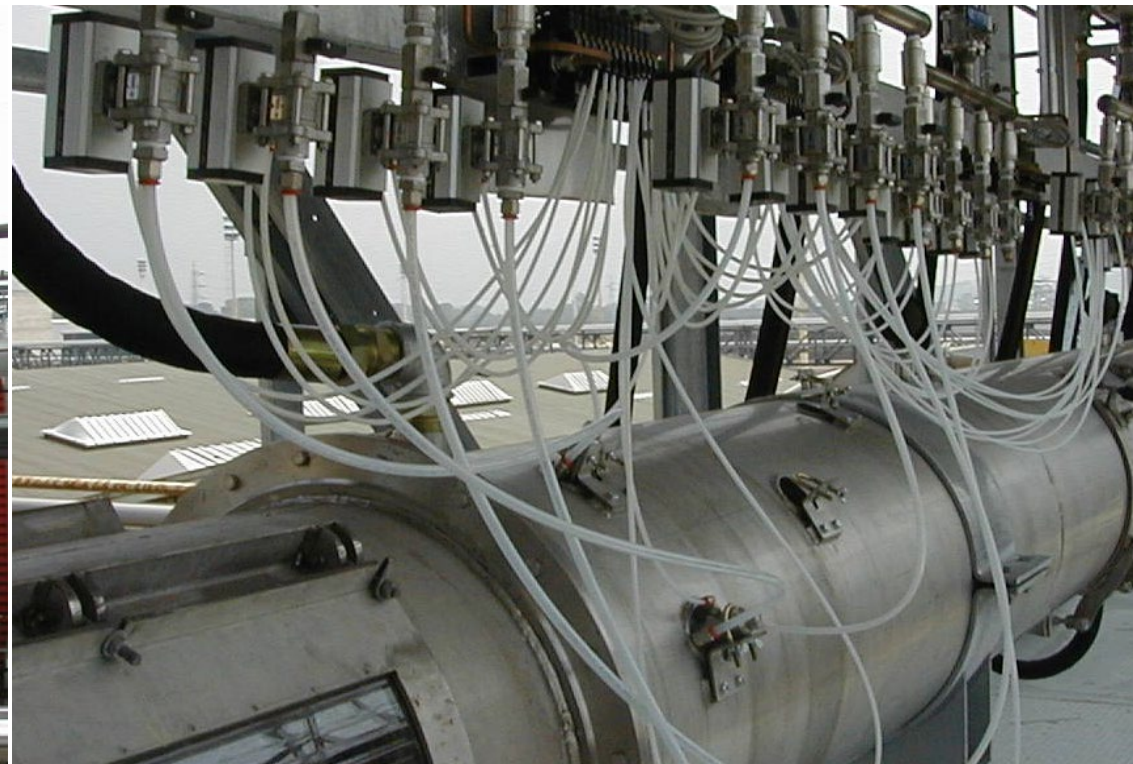
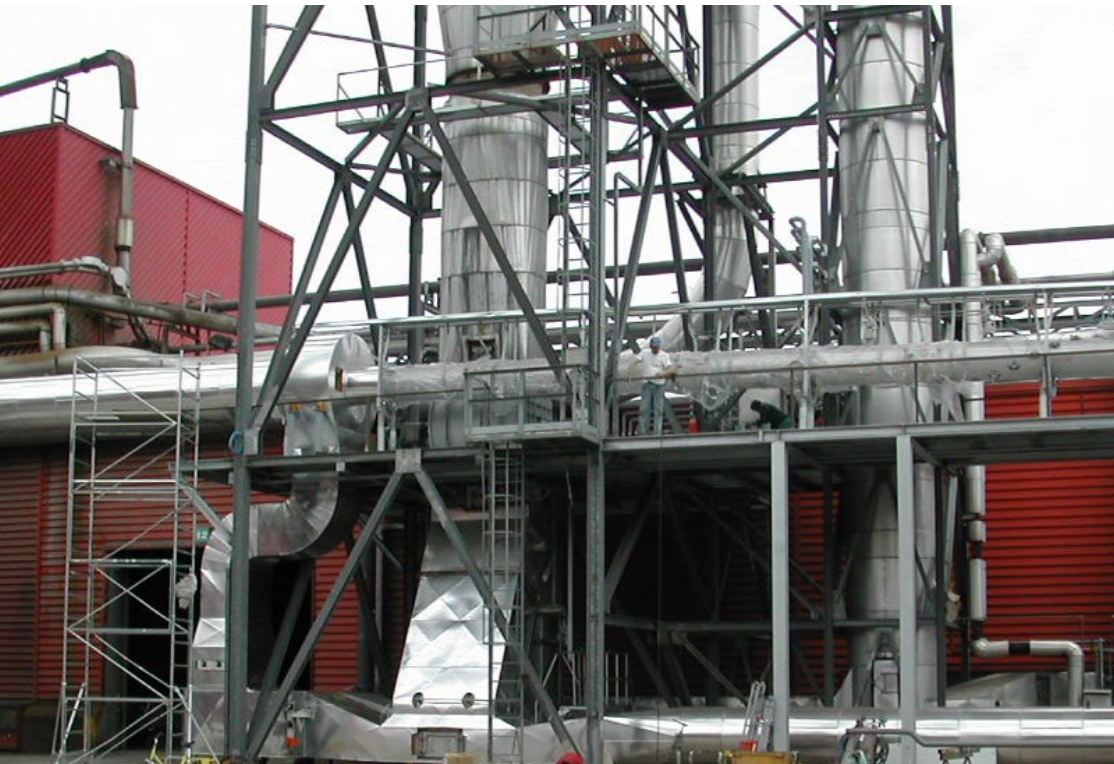




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DRY INLINE GLUING SYSTEM FOR FIBRE



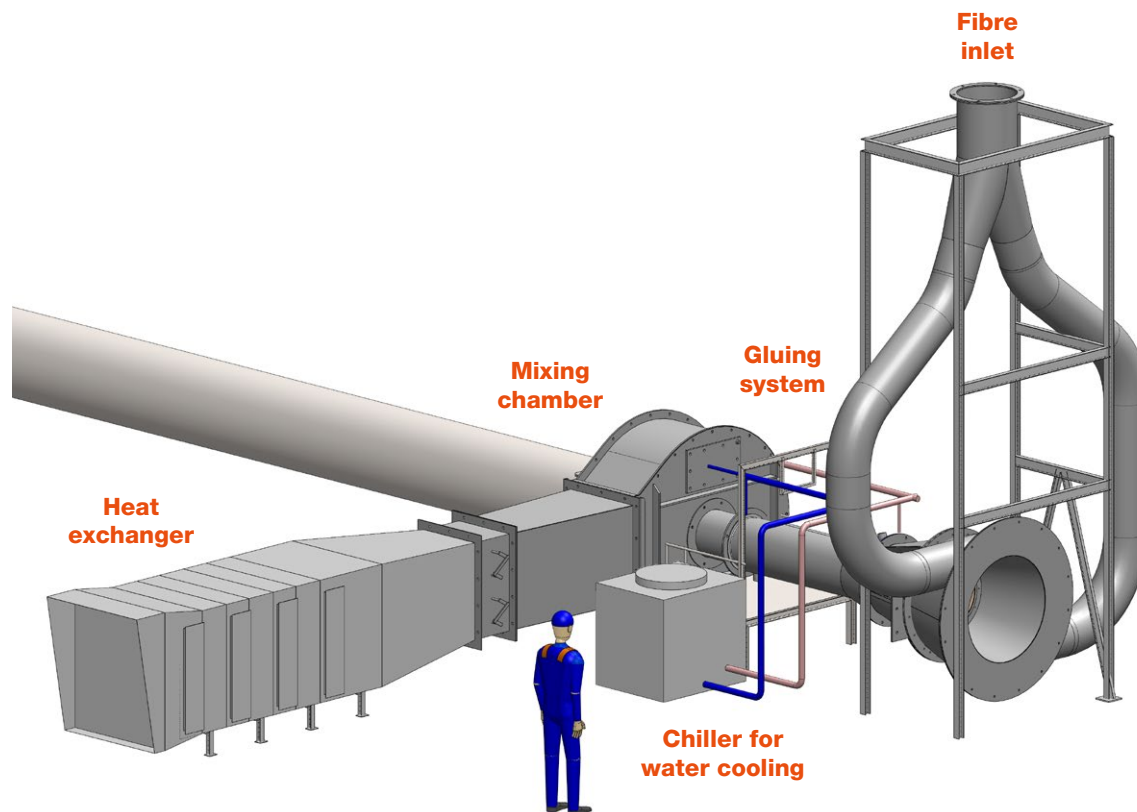
Inline Gluing System for MDF panels

Instalmec has developed an innovative gluing system that respects the environment, reducing the level of formaldehyde released into atmosphere, preserves the mechanical characteristics of the panels, and reduces the consumption of glue.

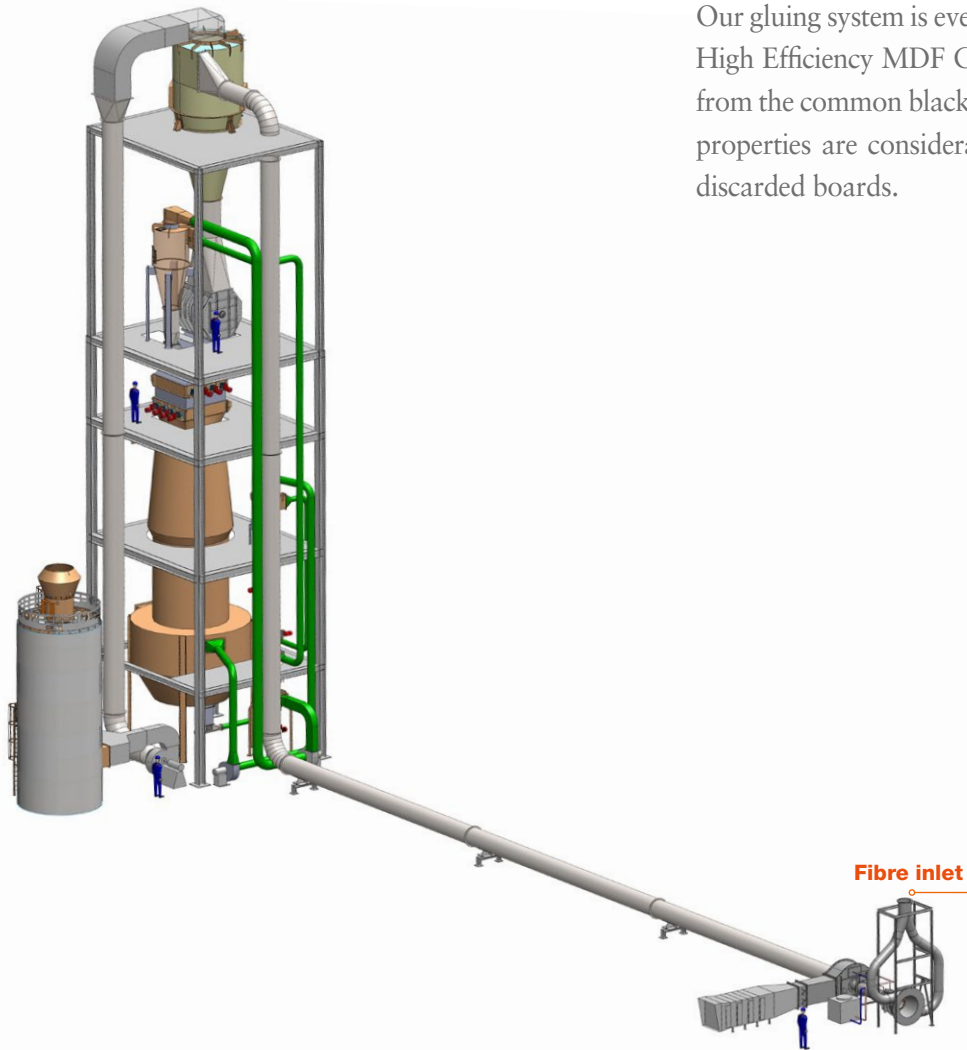
In our Gluing Systems the wood fibre is glued after the dryer.

This innovation enabled us to obtain the following advantages:

- a significative reduction of the amount of glue used in the panel, i.e. a saving up to 15-20%
- a more accurate dosing of the glue into the wood fibre;
- a fine atomization of the glue into the wood fibre, hence a fine blending with fibre;
- better mechanical properties of the panels, since glue is warmed only up to 60°C;
- less dirt in the gluing areas, since the gluing system is auto-cleaning;
- constant effectiveness of gluing;
- absence of condensation in the system;
- less environment pollution, since formaldehyde is not released into the atmosphere if heated up at temperatures below 60°C;



Our plant production range: from 1 - 50 ton/h



Our gluing system is even more effective if the wood fibre is treated after gluing by our special fibre sifter, i.e. Instalmec High Efficiency MDF Cleaner, which contributes to a perfect and homogeneous surface of the panel, keeping it free from the common black spots due to glue/resin lumps. The final result is an MDF panel whose surface and mechanical properties are considerably higher than the average MDF panels, and a considerable reduction in the number of discarded boards.

