

STEAM INJECTION SYSTEM
DYNASTEAM®-C
 FOR CALENDAR PRESSES



BEST IN CLASS FOR:



WOOD BASED PANELS:

PB/SPB

OSB/LSB/FOSB

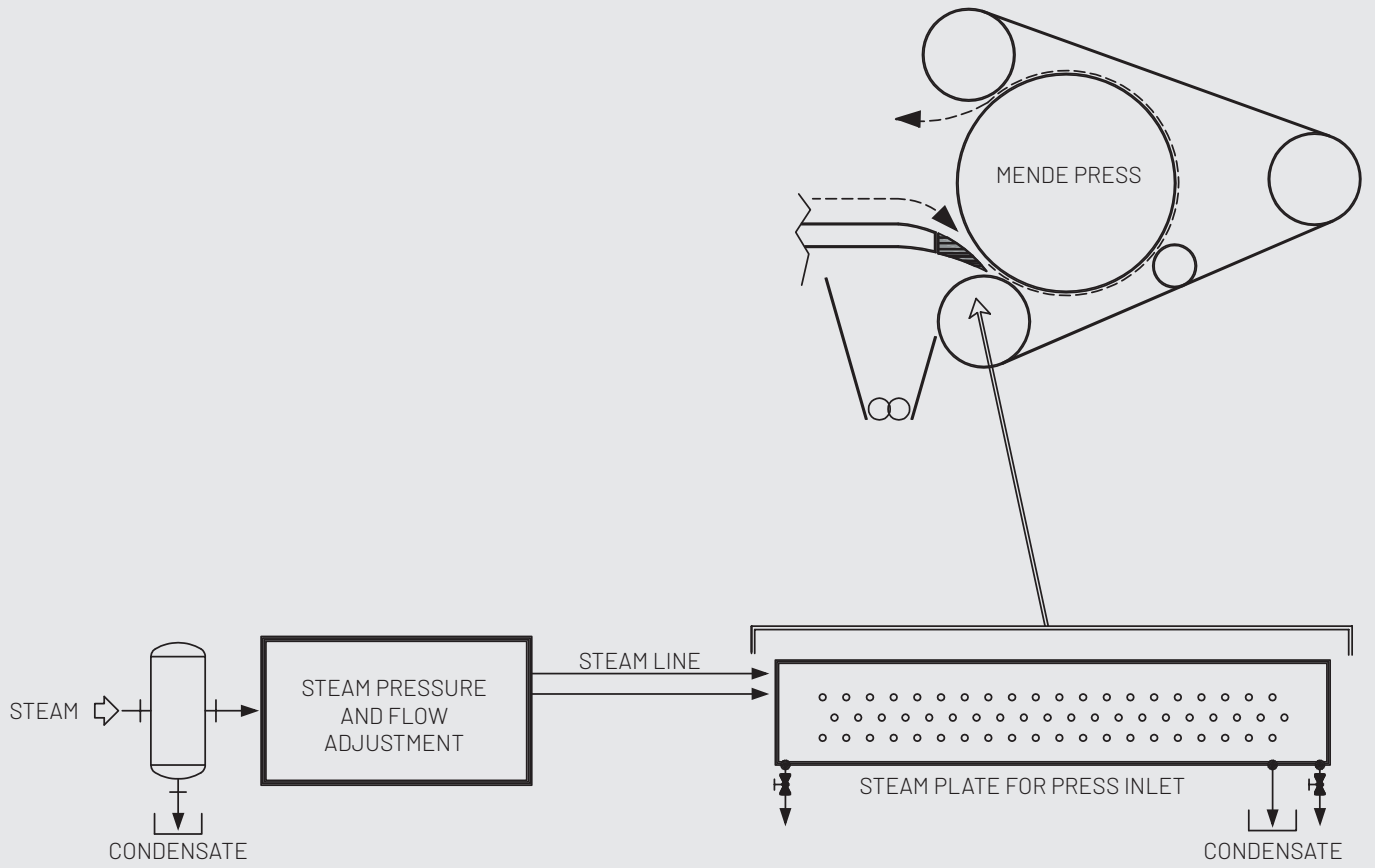
MDF/HDF

DYNASTEAM®-C has been designed to inject a continuous pre-set quantity of steam into the bottom of the wooden mat just before it enters the press (the steam has the effect of raising the temperature of the mat, leading to faster cure times, and an increase, as a result, in the capacity of the production line). This system is to work in conjunction with the TS100 mat sprayer unit which damps the top of the mat, forming a film of water on the surface which turns into steam as soon as it comes into contact with the hot press plates, to balance out the steam injected into the bottom layer.

The quantity of steam injected into the fibre is regulated by PLC in proportion to the speed at which the mat travels along the production line.

MAIN FEATURES

- 15-30% increase in production capacity
- Improved board density profile, with an increase in particular in surface density
- Less pressure required at continuous press infeed, resulting in less wear on the chains and steel belt
- No condensation spots on the mat thanks to the special IMAL patent
- Glassy surface suitable for lacquering.



STEAM PLATE