

STEAM INJECTION SYSTEM **DYNASTEAM®**

FOR CONTINUOUS PRESSES - PATENTED



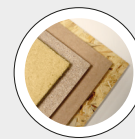
The DYNASTEAM® system has been designed to inject a continuous pre-set quantity of steam onto the top and bottom surface of the mat, or bottom surface only, depending on the application, as it is fed into the press.

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. The pressure and quantity of steam injected into the mat is regulated by PLC in proportion to the production speed of the line and the type of board produced. The device is suitable for application on MDF, particleboard and OSB lines.

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.

BEST IN CLASS FOR:



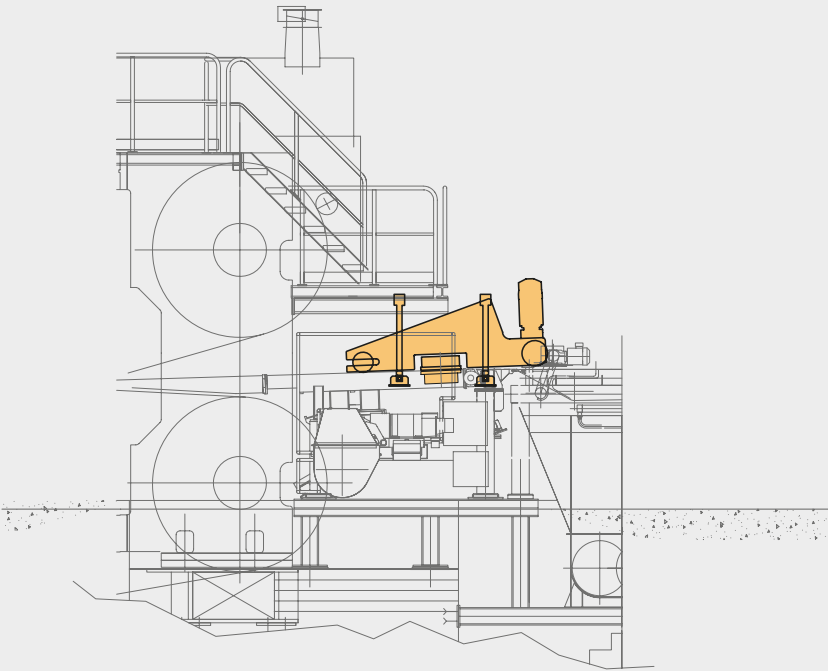
WOOD BASED PANELS:

PB/SPB

OSB/LSB/FOSB

MDF/HDF

IDEAL INSTALLATION
POSITION FOR THE
DYNASTEAM



XXIPXXX

General

Aux/Ntw

Dynasteam

Heating

05/02/2024 16:15

Reset

LP01

Condition To Start

Belt Motor

Tracking

Height

Alignment

Steam

Width

Fans

Inclination

Condens

Interlock

Height Adjustment

Weight SP 4.0 Kg

Act. Weight 0.0 Kg

Height SP 79.5 mm

Act. Height 79.6 mm

Mat Height 74.5 mm

Production Position 300.0 mm

79.6 mm

119.5 mm

74.5 mm

0 mm = Belt

Matress Contact Safety Top

Height Alignment

Diff. 0.1 mm

Sens. Disabled

Tracking Control

0.0 mm

Inclination Adjustment

Auto Incl. SP -1.6 °

Dynasteam Incl. -1.5 °

Table Incl. -1.4 °

Incl. Error 0.1 °

Motor Alignment Adjustment

Alignment Error -0.1 mm

Steam System

Heating

Valve Pos. 0.0 %

Heating Disabled

Top Inj. 26.0 %

Set 26.0 %

Valve Pos. 0.0 %

Steam 0.0 g/m³

Bottom Inj. 40.0 g/m³

Set 40.0 g/m³

Valve Pos. 0.0 %

Steam 0.0 g/m³

Width Adjustment

Top 2000.0 mm

5 4 3 2 Sec. 1 2 3 4 5

Bottom 2000.0 mm

5 4 3 2 Sec. 1 2 3 4 5

Belt Motor

Line 0.0 mm/s

Dynasteam 0.0 mm/s

Suction Fan

Cleaning Fan 0.0 °C

Time	Tagname	Description	State	AlarmDuration	Operator
05/02/2024 15:47	DB100_DBXT506_0	(439558)401 +LP02:EMERGENCY ON ALARM	UNACK	000 00:00:00.0	None
05/02/2024 15:47	DB100_DBXT504_6	(4395KA)402 +MC01 24Vdc CONTROL VOLTAGE DELAYED: AUXILIARY NOT OK	UNACK	000 00:00:00.0	None
05/02/2024 15:47	DB100_DBXT500_5	(4395FA)0204 +MC01 230Vac FOR FANS: AUXILIARY NOT OK	UNACK	000 00:00:00.0	None
05/02/2024 15:47	DB100_DBXT626_6	CLEANING FAN (4395M09): PROFIBUS NODE ALARM	UNACK	000 00:00:00.0	None