

# ISOCYANATE DOSING SYSTEM

PRE-ASSEMBLED DOSING UNIT FOR ISOCYANATE



Isocyanate Dosing System is a pre-assembled dosing unit dedicated to the correct dosing of isocyanate. Since isocyanate needs to be kept within a well-defined temperature range, it is stored in a tank equipped with special pumps, filters, valves, etc. to circulate the product safely, passing it through a special heat exchanger to keep the temperature within the desired range.

A second pump withdraws the quantity which is to be sent to the process and pumps the isocyanate to a flow rate measuring system downstream of which, there is an injection system.

A flow meter meters the product so that the exact amount of liquid required by the production process is sent to the injection system.

## MAIN ADVANTAGES

- Accurate dosing of the component
- Elevated environmental safety against product leakage or escape
- Fully proofed system
- Magnetic drag pumps or pumps with dual mechanical seals
- Low energy requirements
- Easy to install and inexpensive to maintain
- Material protected from external agents.

## BEST IN CLASS FOR:



WOOD BASED PANELS:

PB/SPB

OSB/LSB/FOSB

MDF/HDF