

# TechnoPartner Samtronic

## THERMOFIX<sup>®</sup> - System based on DOUBLE BELT PRESS Technology



### Application:

- Fibres and Plastic Recycling, Automotive parts, Composites
- Textile Coating and Lamination
- Roof Sheeting,
- Filter Media etc.

### **Decisive Advantages**

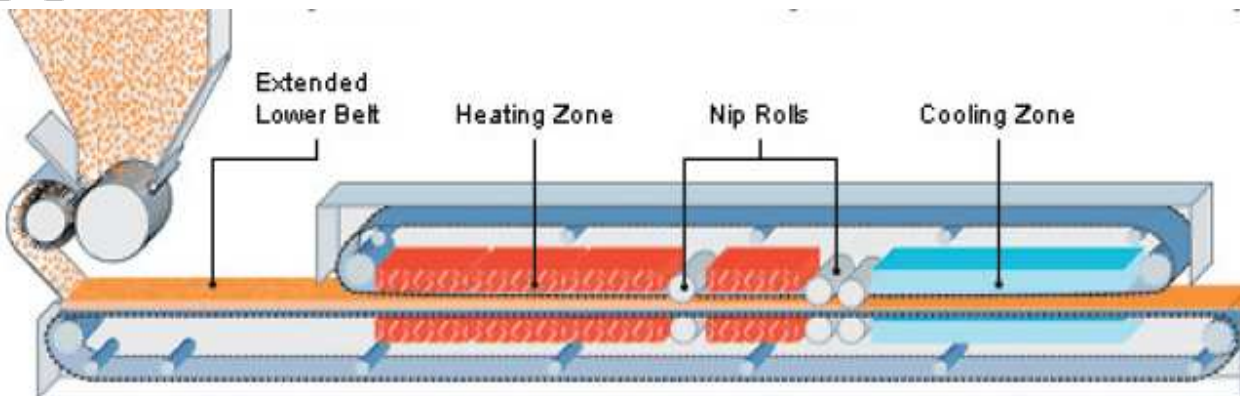
- *Universal type machine. For processing all types of Polyolefin's with a melting point below 240°C.*
- *Quick and easy material change.*
- *Low contact pressure necessary to melt the material. Cost-saving design of the installation.*
- *Easy to operate.*
- *Designed for three-shift operation.*

# THERMOFIX<sup>®</sup> - System based on DOUBLE BELT PRESS Technology

## Method of operation

For the Thermofix<sup>®</sup> Technology two reinforced thermally stable coated belts are arranged horizontally one on top of the other. Applying the material and preconditioning is normally done on the extended lower belt. The back of the belts are in contact with heating and cooling platens. The lower platens are mounted rigidly, the upper platens are moving in vertical direction together with the entire upper belt in order to create a gap according to the thickness of the material. Normally there are one or more pairs of calibration nip rolls mounted between heating and cooling zone. The special feature of this processing technology is that the contact pressure is much lower than with conventional double belt presses with steel belts. Therefore Thermofix<sup>®</sup> double belt press can be designed with much more lightweight components, resulting in remarkably lower purchasing costs.

## Thermofix<sup>®</sup>



Thermofix<sup>®</sup> machines are available in different sizes and capacities.