

**Customized Product Development**  
**Designed for R&D, Test and Prototype Runs**  
**Small Scale and Pilot Production**



# Thermofix® Technology

**Applications:**

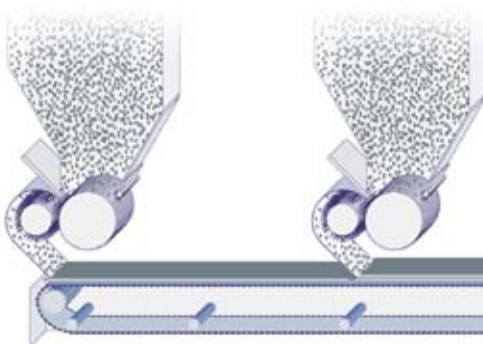
- Resilient Flooring
- Fiber and Plastic Recycling
- Automotive Interior Parts
- Technical Textiles
- Classic Textiles
- Non-Woven
- Natural or Glassfibres with Bico/PP Fibers
- Composites
- Sandwich Sheets
- Wood-Plastic Composites (WPC)
- Filter Materials



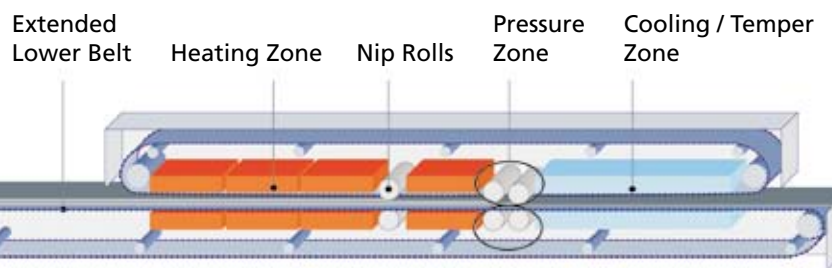
**For your New Product Development please take advantage of our fully equipped state-of-the-art production plant at the Thermofix®-Technology Center. For research and development the very universal lay-out of the Thermofix® installation can carry out a vast number of experimental runs e.g.:**

- Up to four scattering units can be installed on the extended bottom belt of the Thermofix®
- Unwinding stations installed in front of the machine enables the buildup of composites structures.

## Scattering



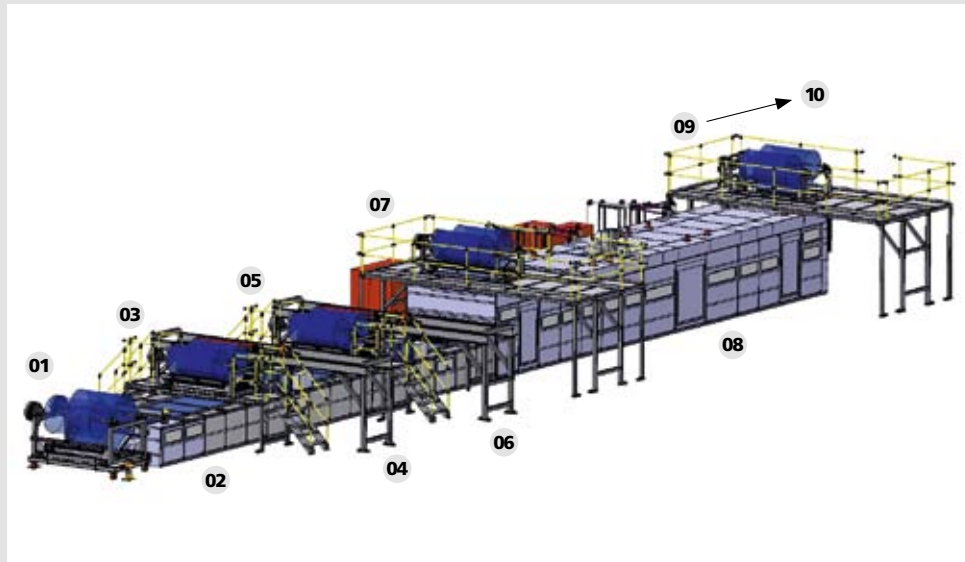
## Thermofix®



**Customized Product Development**  
**Designed for R&D, Test and Prototype Runs**  
**Small Scale and Pilot Production**

## Thermofix® Technology based on **DOUBLE BELT PRESS Technology**

- 01** Double Unwinding Station
- 02** Extended Bottom Belt
- 03** Double Unwinding Station
- 04** Scattering Machine
- 05** Double Unwinding Station
- 06** Scattering Machine
- 07** Double Unwinding Station
- 08** Thermofix®
- 09** Double Re- or Unwinding Station
- 10** Downstream Equipment:  
 Scatter Coater, Double Unwinding  
 Station, IR Field, Embosser,  
 Lamination, Cutting/Stacking or  
 Rewinding Station)



**TTC Thermofix® plant for product width up to 1.3m**

### Technical Data of the "TTC" Thermofix® installation:

- 2 Universal Scatter Machines max. scattering width 1.500 mm including automatic scattering material feeding system by vacuum.
- 1 Fiber Scattering Machine, max. scattering width of 1.000 mm
- 1 Laboratory Scattering Machine, max. scattering width of 1.200 mm
- Infrared Heating Field
- Thermofix® with a heating zone of 7 meters, thermal oil heated and a maximum temperature up to 300°C. With water annealing zone of 4 meter length, adjustable from 14°C to 180°C
- Width of conveyor belt: 1.500 mm
- 4 Pairs of Pressure Rollers
- 1 Pressure Zone
- 5 Double Unwinding Stations for rolls with a max. diameter of 800 mm
- 2 Double Rewinding Stations for rolls with a max. diameter of 1.000 mm