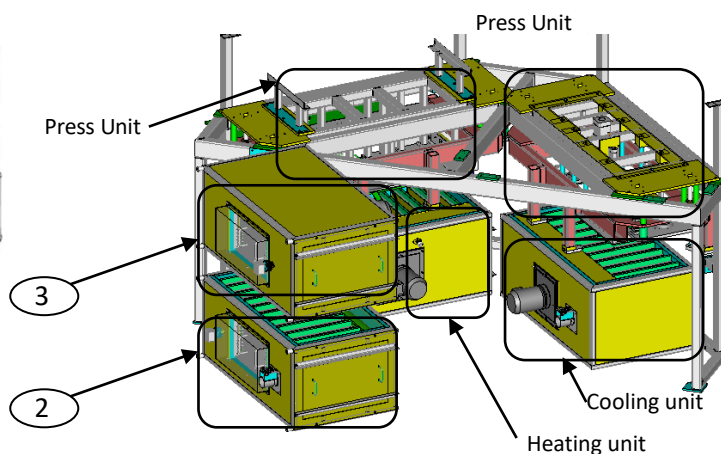
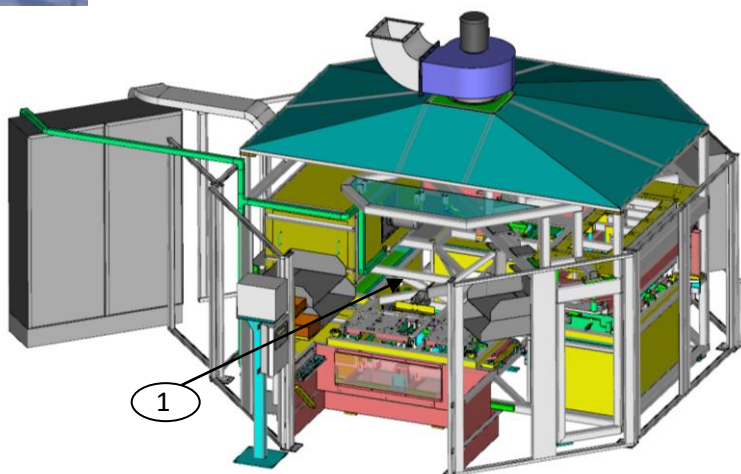


## Description of Elmetherm Trim applications:

### 1- Carpeting carrousel for carpet seats gluing :

Description of the equipment:

- This machine is used for gluing carpet on backside car rear seat
- The carrousel comprises four stations : Loading/Unloading, Heating, Compacting, Cooling
- A rotating table (1) transfers parts to each station.
- Heating station : The part is placed by the conveyor between two heating units  
A lower box (2) heats the part at 390°F  
An upper box (3) heats the part at 320°F
- Compacting : the carpet is pressed on the steel part by an inflatable bag  
The steel side is still heated during the compacting
- Cooling : The part is cooled on the steel side while the carpet side is compacted by an inflatable bag
- Efficient process allows a rate of 55 parts per hour



### 2- Felt preheating oven :

Description of the equipment:

- The trim part (1) is preheated by a top-bottom hot air flow
- The air convection heating is assured by a recirculation blower (2), a gas burner (3) as well as an exhaust blower (4)
- Parts are heated at 380°F during 40 seconds maximum
- A good design of the oven and the air pressure control  
Thanks actuated dampers (5) allow to assure a temperature uniformity of +/- 9°F

