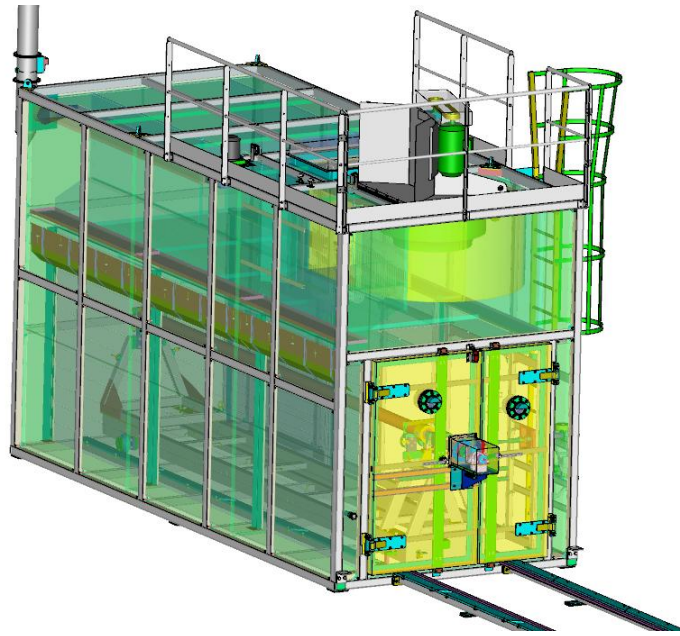
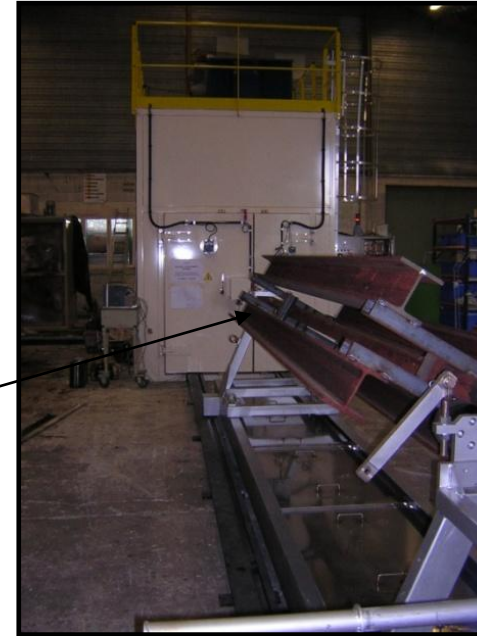


1. Batch polymerisation oven for glass fiber rolls



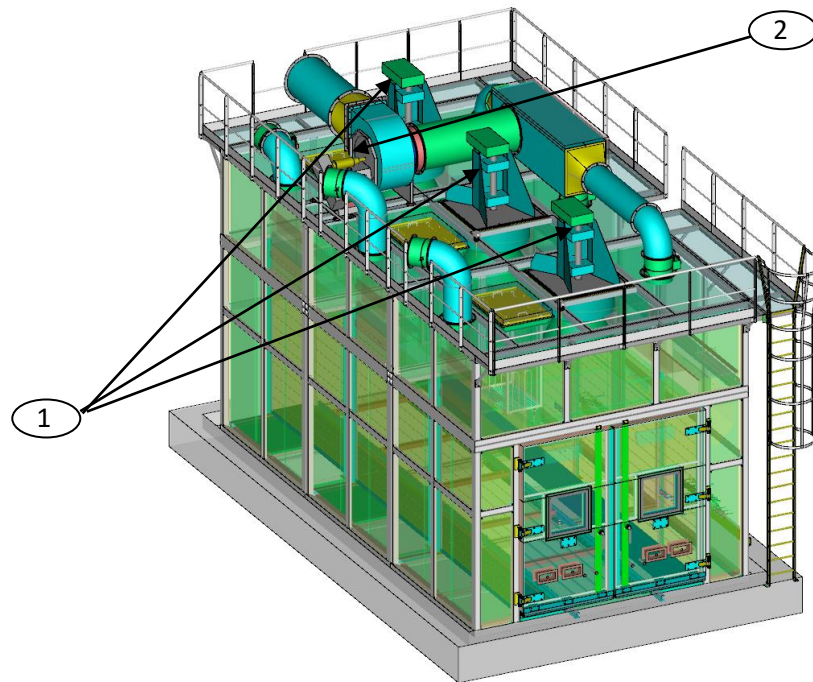
1



Description of the equipment :

- parts are mounted on a cart and rotate during the polymerization.
- the rotation speed of the motorized chuck (1) which weighs 2 Tons is 15 rpm
- parts are heated at 390°F maximum (electrically heated)

2. Batch curing oven for aerospace



Description of the equipment :

- polymerisation oven for big composite aircraft parts
- three recirculation blowers (1) and one exhaust blower (2) to cool down and exhaust VOC
- the oven is electrically heated until 390°F

3. Batch polymerization oven for aerospace with temperature control on parts



Description of the equipment :

- gas-heated batch oven to polymerize composite aircraft parts
- parts are placed in a mould under vacuum
- vacuum or pressure level and temperature controlled by PLC easily manageable with a program developed by Elmetherm
- temperature sensors on parts are directly linked to the PLC resulting in a possible control (heating and cooling) on parts
- maximum temperature of 480°F with a +/- 9°F uniformity