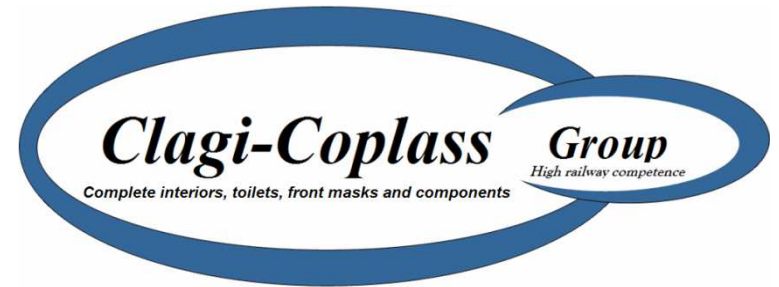


HPM Technology,
(**H** = high, **P** = pressure, **M** = moulding)

Technical description

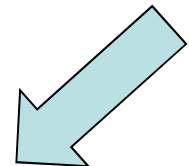


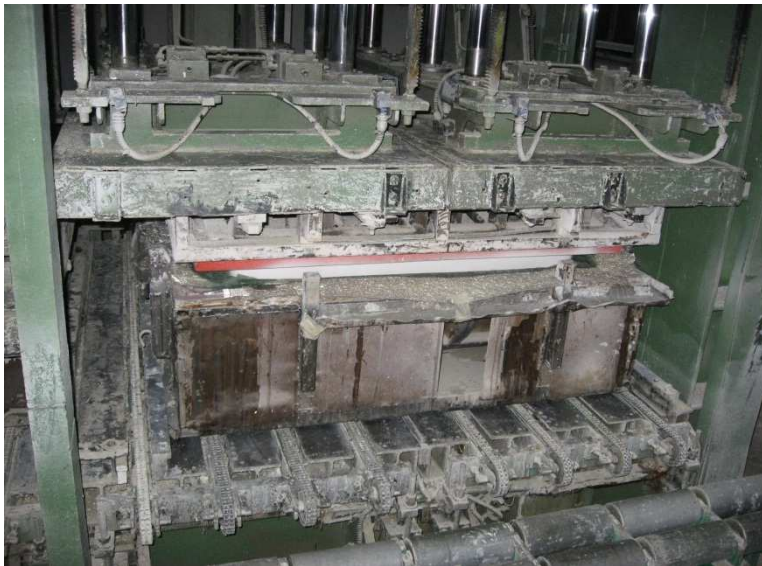
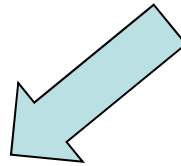
- In actuality, compression molding process is independent of the material type and is the most common choice for medium-volume composite parts made from liquid composite (preform)
- The high-pressure molding process produces high strength, complex parts in a wide variety of sizes. Matched metal or frp molds are mounted in a hydraulic or mechanical molding press. The material charge of choice is placed by robotics or hand in the open mold, the heated mold halves are closed, and pressure up to 16 bar is applied. Cycle time, depending on part size and thickness, ranges from one hour. Features such as ribs, bosses, inserts and attachments can be molded in.
- Compression-molded composites are characterized by net size and shape, two excellent finished surfaces, and outstanding part-to-part repeatability.

HPM process



- Main press of Clagi-Coplass



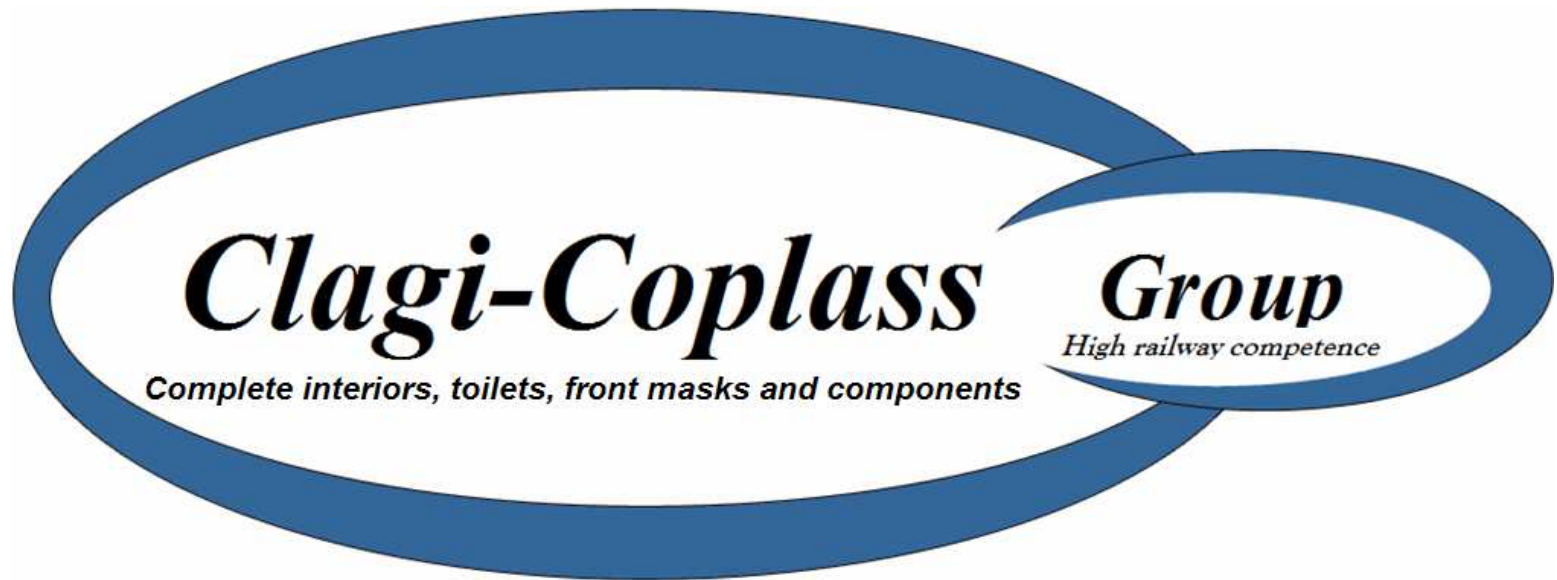


1996 - HPM phenolic resin window mask ETR 500 train

8.800 pieces produced

1996-2000





Thank you to partner Clagi-Coplass,
the best solution for your composite
products needs.