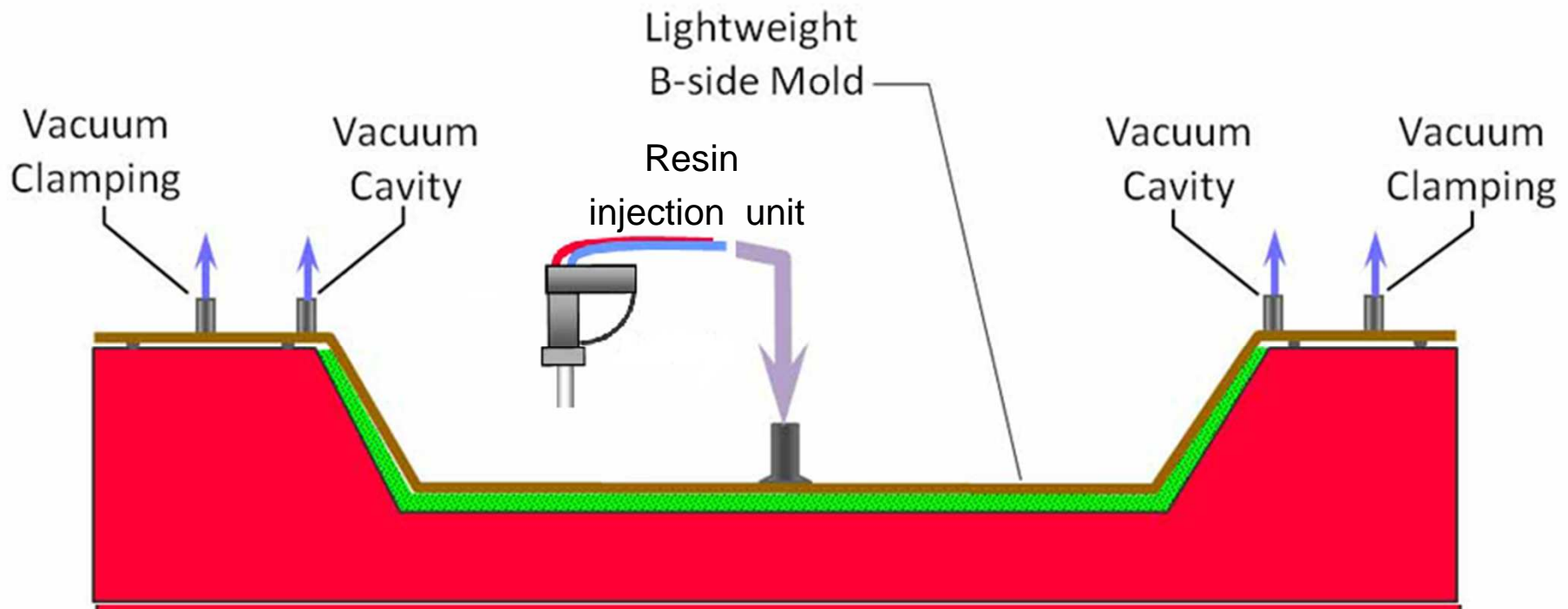
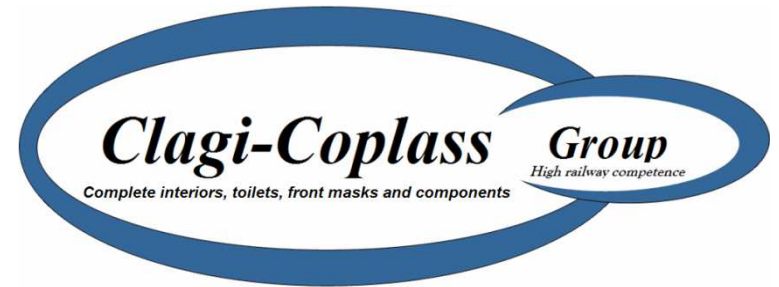


## Light-RTM



**RTM** Technology,  
(**R** = resin, **T** = transfer, **M** = molding)

# Technical description



- RTM is a vacuum-assisted, closed-mold, resin transfer process with a flexible solid counter tool for the B-side surface compression. This process yields increased laminate compression, a high glass-to-resin ratio, and outstanding strength-to-weight characteristics. RTM parts have two finished surfaces.
- Reinforcement mat or woven roving is placed in the mold, which is then closed and clamped. Catalyzed, low-viscosity resin is pumped in under pressure, displacing the air and venting it at the edges, until the mold is filled. Molds for this low-pressure system are usually made from composite or nickel shell-faced composite construction.
- Suitable for medium volume production of larger components, resin transfer molding is usually considered an intermediate process between the relatively slow spray-up with lower tooling costs and the faster compression molding methods with higher tooling costs.

# 1997 - RTM SOS turret (Autostrade Spa – Italia)



3.000 pieces produced  
1997-2002

# 1997 - RTM Light

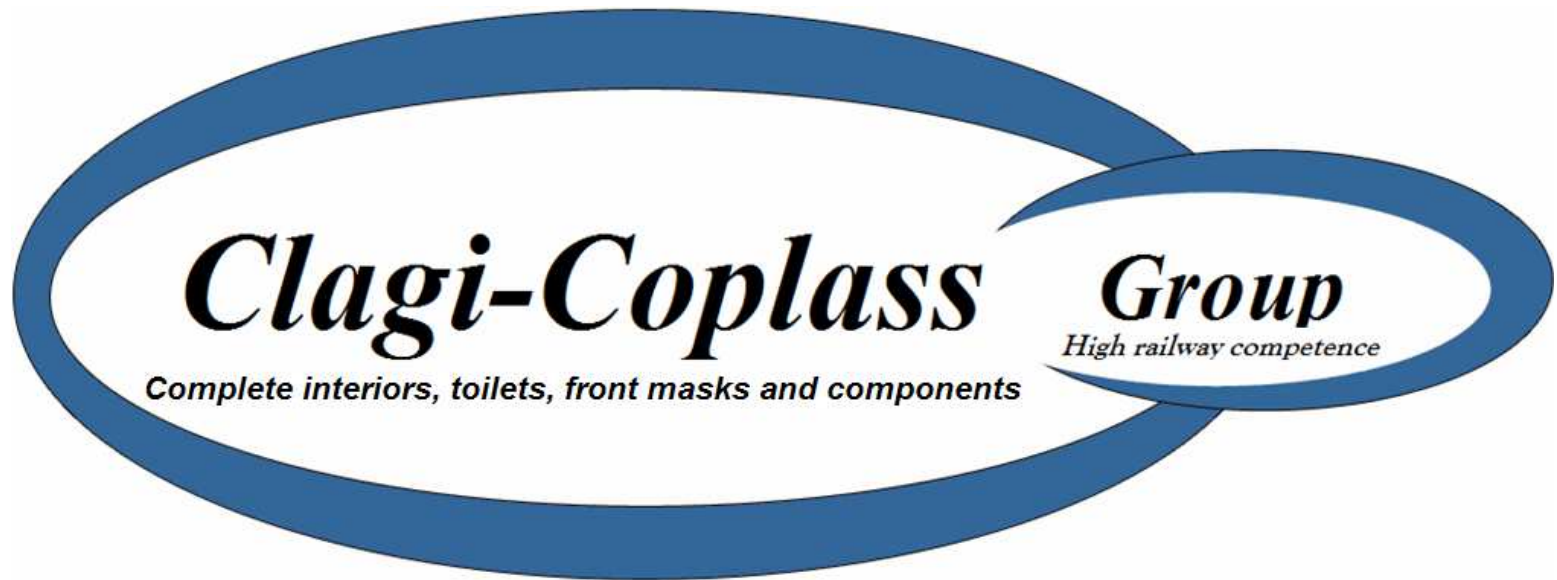
Roof



Front Hood

## Internal walls Toilet “New Pendolino” train for ALSTOM





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