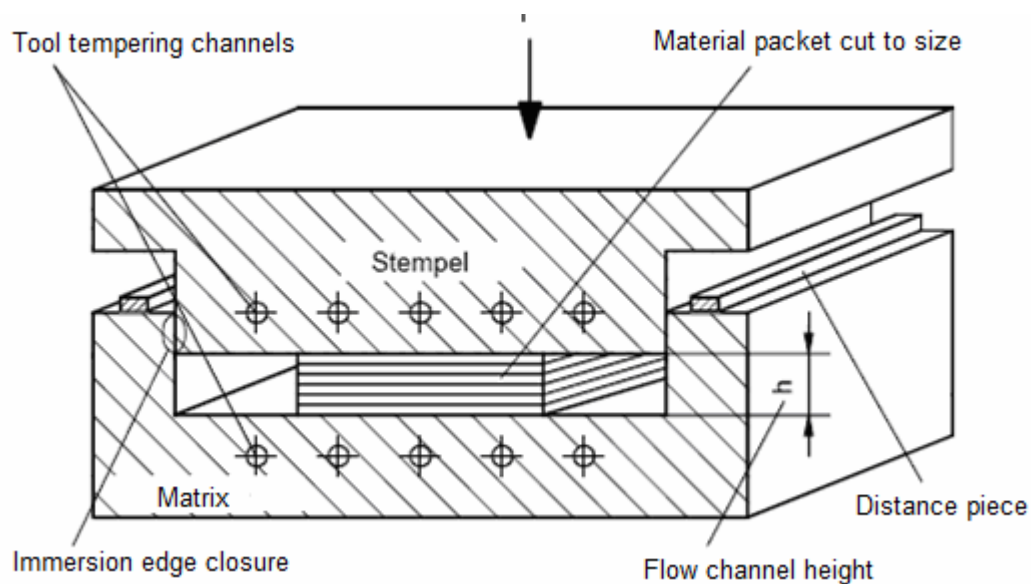


Fabrication process for polyester enclosures

A thermoplastic glass fibre reinforced thermoplastic material (GMT) is used for manufacturing polyester enclosures. After the heating phase of the tool, a piece of material exactly cut to the required shape and size (calculated for every enclosure size) is laid into the open tool. The tool is then closed; the shaped piece of material becomes plastic and fills all the hollows constituting the contour of the enclosure. The closed tool remains like this during a defined period of time. It is then opened, and the part is removed. Once the part has been removed from the tool, deburring may be required.

This process is used both for the lower and the upper part. The structure of a pressing tool will make this clearer.



Principle of the structure of a pressing tool

