Massivit 10000

Sales Kit Information

3D Printing Technology: Cast-In-Motion (CIM)

Milling/ polish orientation

Planar surfaces

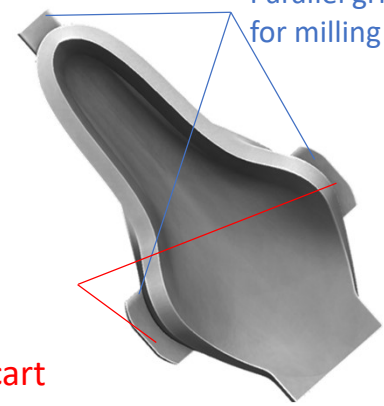
Bushings used for accuracy in the milling process

Implant bushings

Printing orientation

Planar surfaces

Parallel grip areas for milling process

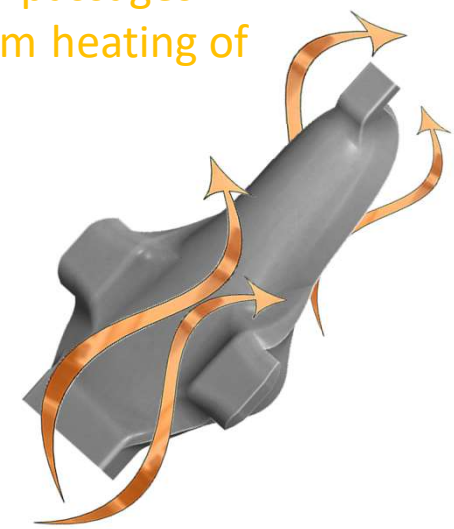


Dedicated technical datums for mounting on process cart

Trimming line

Carbon skin

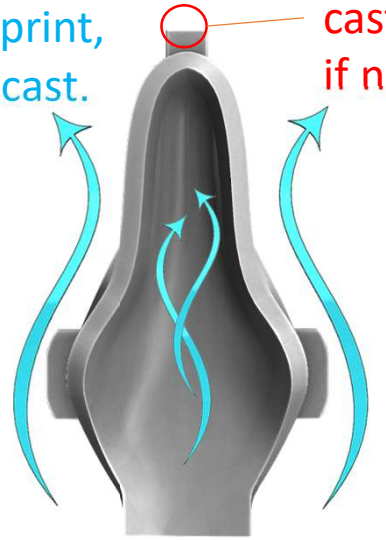
Hot air passages. Uniform heating of mold.



MASSIVit 3D

Print flow design. Easy to print, easy to cast.

Extra casting if needed



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Useful Information

Mold for Carbon Fiber Lamination

Workflow

CAD → SMART Slicer → Printer → Oven → Water tank → Milling/Polish → Laminate

Part Dimensions

- **X:375mm, Y:200mm, Z:65mm**
- **X:14-inch, Y:7.87-inch, Z:2.56-inch**
- Skin material: carbon fiber with epoxy resin
- Trim line in CNC

Mold Information

- Print time: 01:56 hrs.
- Printing material: Dimengel Water Breakable (DIM WB)
- Print layer thickness: 1 mm/0.0394-inch height
- Wall thickness: 3.6 mm/0.14184-inch width
- Printing material weight: 900g/1.9845 lb.
- Casting material weight: 3kg/6.615lb .
- Immersion time of mold in water for walls to crumble: ~8hrs