

TAILORED FIBER PLACEMENT MACHINE

COMPLEX PREFORM MANUFACTURE

IRT
JULES
VERNE



Offer

- ▶ Design and development of preforms (dry reinforced fibre or hybrid yarn)
- ▶ Organo sheet manufacture for hot stamping or injection
- ▶ New material trials
- ▶ Functional integration (metal fibres, optical fibres, tubes for fluid distribution ...)

Our R&D work

- ▶ Development of new low cost carbon fibers
- ▶ Layup optimisation by material reduction of material used
- ▶ Development of a design assistance tools adapted to the process

Characteristics

Maximum dimensions: 600 X 480 mm

Maximum thickness: 10 mm

Types of fibres:

- Glass, carbon, cellulose ...
- Hybrid yarn: PE, PP, PET, PA6, PA66, PPS, PEEK



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