

TRANSPORTABLE HIGH CAPACITY INJECTION UNIT

IRT
JULES
VERNE

Injection unit of liquid resins for production of composite parts of large dimensions



Offer

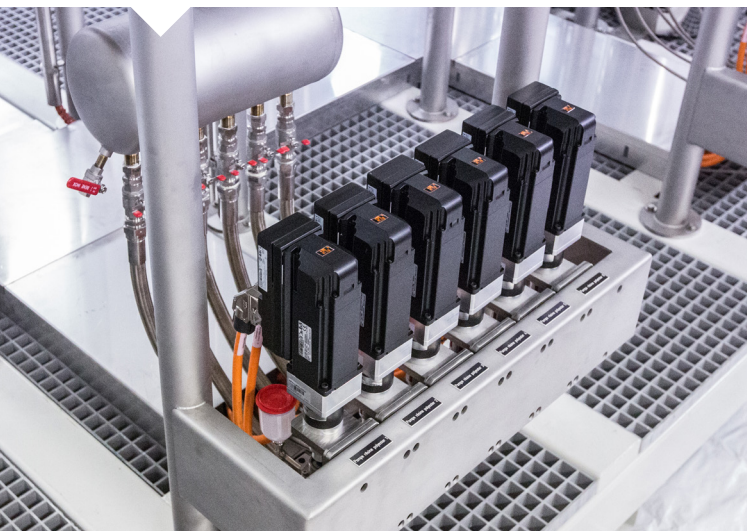
- ▶ **R&D:** Support in the design of large parts by infusion and RTM
- ▶ **Tests:** realization of demonstrator parts and pilot production
- ▶ **Mobility of the equipment :** deployable on-site in any type of workshops (Conventional transport)
Requirement : 380 volts electrical outlet and compressed air supply

Our R&D works

- ▶ Development of complex preforming technologies
- ▶ Development of composites part manufacturing process by RTM and infusion

Characteristics

Dimensions L x W x H	6 m x 3 m x 2.5 m
Number of nozzles	6
Flow	5 liters/min for 1 nozzle e.g 30 liters/min
Fuel injection systems	Six injection circuits (6 circuits and resin circuit 6 catalyst / hardener)
Type resin and storage capacity	Epoxy : 2 thermo tanks 300L Vinylester and polyester: 1 thermo-tank 300 L and 1 thermo-tank 50L
Steering	Remote control panel
Environment	Secured area with access control



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