Compositence
Fully Automated Mass Production
2D Fiber Placement System

Key Facts

- Fiber Placement for mass production in RTM / HP-RTM & Wet Pressing process chains
- Integration in existing process chains possible (replacement of NCF based stacks)
- Production of compacted 2D stacks according to customer ply book from continuous fibers (tows) in just one production step
- Continuous binder activation during fiber placement
- Fiber placement of 4 Tows individual controlled, width 46 mm each, total width 184 mm
- Output up to 175 kg/h (based on tows with 300 g/m² FAW at the mass production system)
- RTM / HP-RTM / Wet Pressing fit of stacks positively proven by famous OEM
- Online Quality Control system according to automotive standards (control of tapes & stacks)

System can be adapted according to customer specifications, e.g. size of the system, number of tows, tow type (pre-impregnated thermoplastic or thermoset UD-fiber tapes)