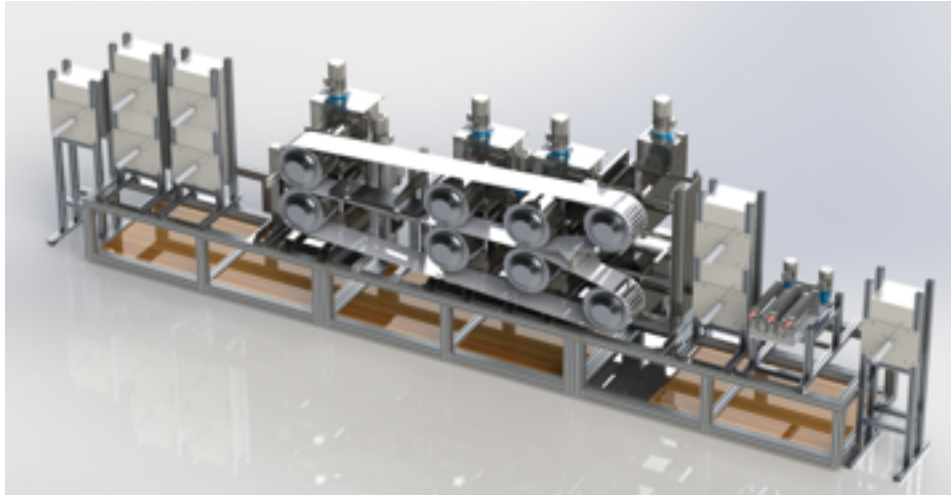


Thermoplastic Lab-line

- Pre-preg line for application of thermoplastic materials onto fibre reinforcement
- Modular approach allows tailoring of process to match customer's requirement
- Various forms of polymer (film, pellet, powder, fillet, liquid) may be used



- Process Speed: 0-20 m/min
- Product width: Up to 150mm wide
- Temperature: Up to 450° C

Material

- Fibre: Carbon, Glass, Aramid
- Polymer: PEEK, PPS, Nylon, PP, PES

- Creel for bobbins
- Unwinding unit for UD/Woven fabric
- Multiple Unwinding and Winding unit for various material
- Fibre spreader unit
- Compactor units for impregnation of polymer in to reinforcement
- Conveyor belt system to generate nip areas for heating/cooling/consolidation
- Extrusion unit - 20mm diameter single screw extruder

