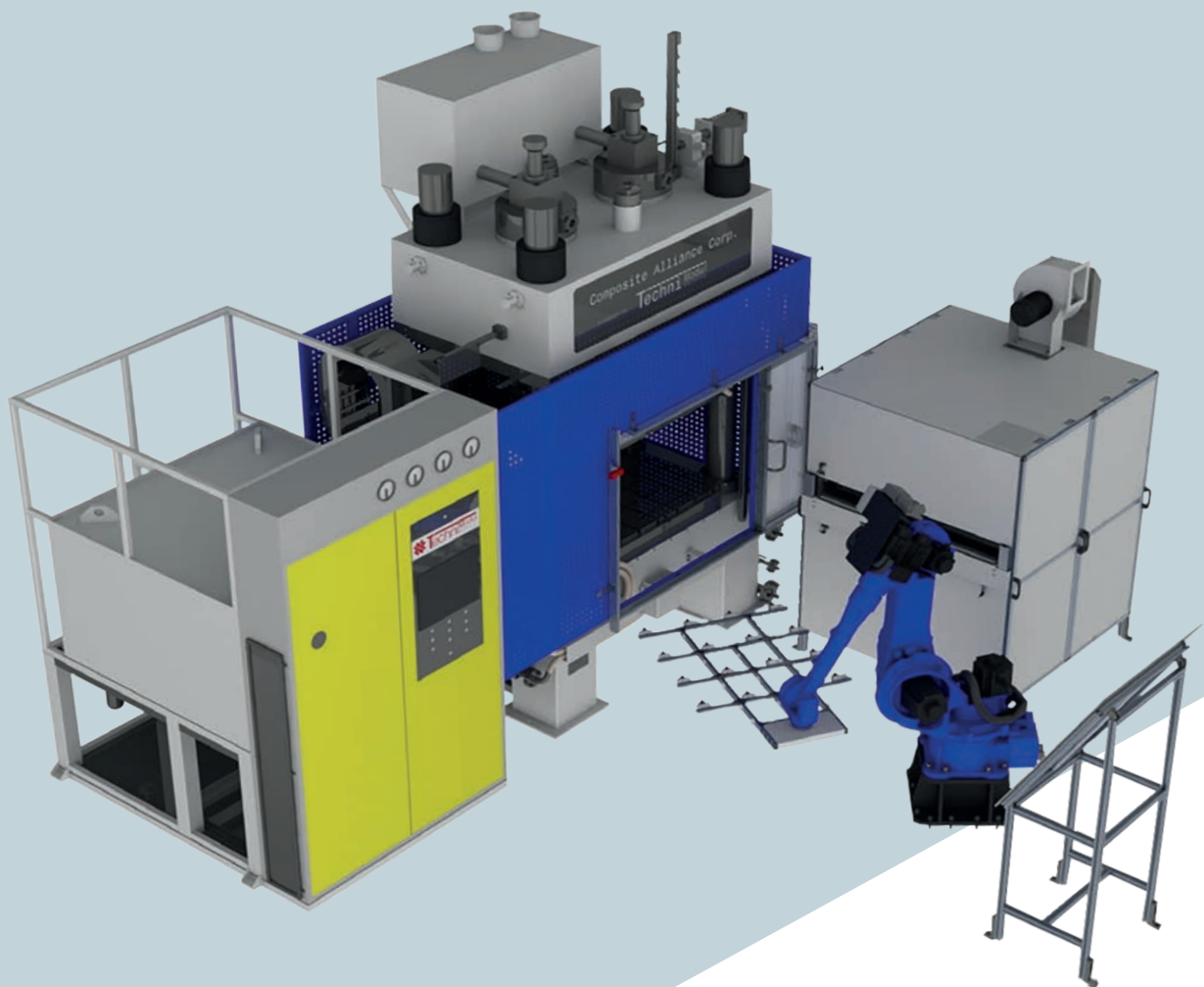


# THERMOPLASTIC WORK-CELLS



Techni-Modul Engineering (TME) offers standard press forming cells for continuous fiber-reinforced thermoplastic composites (TPCs). Complete workstations can be provided including the material transport system, pre-heating ovens, consolidation & forming presses, tooling and fixtures.

Different work-cell configurations are available with various levels of automation depending on applications and throughput. Solutions are offered for laboratory or production, up to very high-volume and for a variety of materials such as PEEK, PEKK, PEI, PPS, PA, PC...



**STEP 1:** Robot transfer of thermoplastic consolidated blanks from storage to IR oven for material heating

**STEP 2:** Transfer of pre-heated blanks from IR oven to press in **5 seconds** approximately

**STEP 3:** Thermo-stamping

**STEP 4:** Robot or manual part demolding or automated mold changing station

