LABORATORY PRESSES

Techni-Modul Engineering (TME) and has been involved in the prototyping of a wide variety of composite products over the past three decades. To respond to the market demand to research, develop and make prototypes by themselves while limiting investment, we have launched standard laboratory presses to equip laboratories or small production units.





Engineered to equip laboratories or small production units

BASIC EQUIPMENT	REFERENCES	
	TME/LP-500	TME/LP-700
PLATEN SIZES (MM)	500X500	700X700
HEATING (PLATEN)	220°C	220°C
CLOSING FORCE (T)	80 T	150 T
STANDARD STROKE (MM)	500	700
FAST CLOSING (MM/S)	250	250
WORKING CLOSING (MM/S)	10	10
OPENING (MM/S)	200	200

For a custom made Lab press, please contact our sales team



ADVANTAGES

- Modular concept
- Multi-process: RTM, Stamping, Consolidation
- Equipped with multiple sensors
- High temperature up to 450°C (in option)





OPTIONS

- Heating platen up to 450°C
- Cooling platens
- Adaptation of the press to the C-RTM process (control of the upper platen position at \pm 0,1 mm)
- Ejection system
- Lower frame translation
- · Upper frame rotation
- Friendly user supervision easy to control the complete cycle
- Equipment for vacuum 1 mbar
- Data registering for tooling sensors (vacuum, temperature and pressure)

TME AT A GLANCE

Techni-Modul Engineering is an industrial engineering company that designs, realizes and implements standardized and turn-key solutions in support of composite parts manufacturing. We provide optimized and innovative composite manufacturing solutions worldwide for various processes and for different functions.





