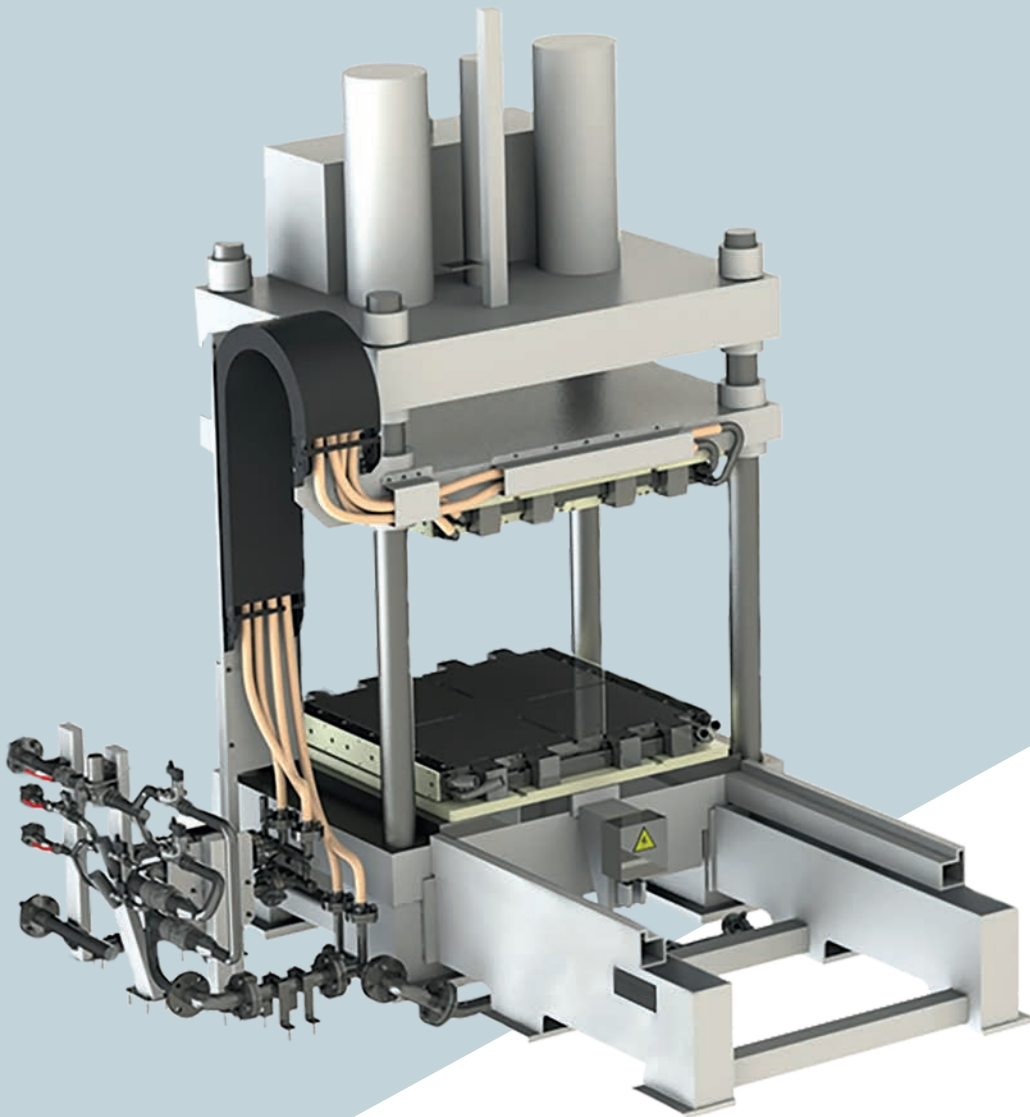


STANDARD PRESSES



To achieve optimal flexibility, Composite Alliance Corp. (CAC) developed a line of standard presses available in different dimensions and with different options for thermoset process. Platens dimensions range from 700 to 3000mm long and 700 to 1500mm wide. Standard stroke varies from 700 to 900mm depending on the chosen model.



STANDARD LABORATORY PRESSES INCLUDE THE FOLLOWING CHARACTERISTICS:

STANDARD SIZES	REFERENCES				
	TME/SP-700	TME/SP-1000	TME/SP-1500	TME/SP-2000	TME/SP-3000
PLATEN SIZES MM (IN)	700X700 (27.5)	1000X1000 (39.4)	1500 (59) X1000 (39.4)	2000(78.7)X1200(47.2)	3000(118.1)X1500(59)
HEATING °C (F)	220 (428)	220 (428)	220 (428)	220 (428)	220 (428)
CLOSING FORCE T (US TON)	80 (88.2)	150 (165.3)	250 (275.6)	400 (440.9)	700 (771.6)
STANDARD STROKE MM (IN)	700 (27.5)	900 (37.4)	900 (37.4)	900 (37.4)	900
FAST CLOSING MM/S (IN/S)	120 (4.72)	120 (4.72)	120 (4.72)	120 (4.72)	120
WORKING CLOSING MM/S (IN/S)	10 (0.393)	10 (0.393)	10 (0.393)	10 (0.393)	10
OPENING MM/S (IN/S)	100 (3.937)	100 (3.937)	100 (3.937)	100 (3.937)	100

For a custom made Press, please contact our sales team



OPTIONS

- Cooling platens
- Adaptation of the press to the C-RTM process (control of the upper platen position at $\pm 0,5\text{mm} / 0.020''$)
- Ejection system
- Lower frame translation
- Upper frame rotation
- Friendly user supervision easy to control the complete cycle
- Equipment for vacuum 1mbar (29.89 inHg at sea level)
- Injection equipment for one component resin up to 30 bars (435 psi) or SMART Injection
- Automatic loading of the mold

CAC AT A GLANCE

Composite Alliance Corp (CAC) is a global tooling, machinery and service supplier offering a wide selection of standard and custom solutions in support of composite part design and fabrication. Our goal is to advise, equip and assist our customers in using cost effective advanced manufacturing processes to maximize performance and to widen the applications of composites.



www.compositealliance.com

