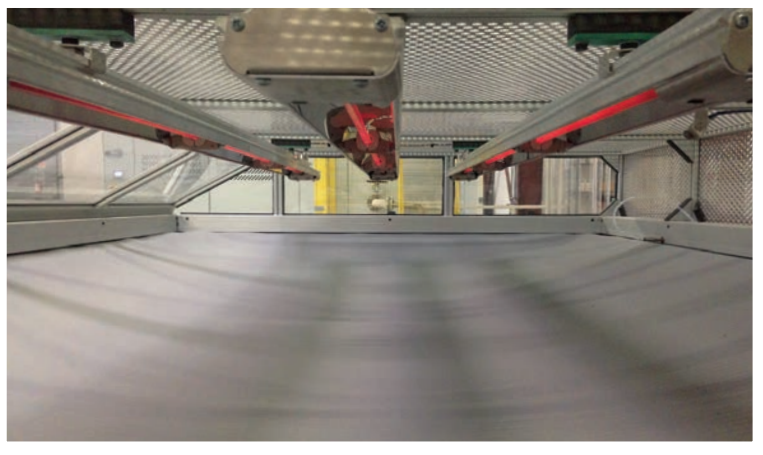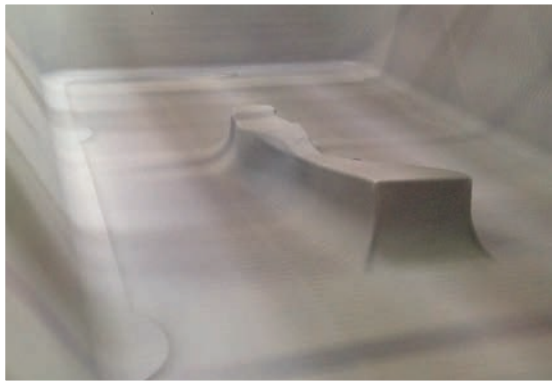# HOT DRAPE
FORMING MACHINE

Composite Alliance Corp. (CAC) has responded to the market demands for greater variety of industrial processes and solutions to optimize the fabrication of composite components. The hot drape forming machine is designed to increase the efficiency of the fabrication process and the quality of the components made by dry fabrics or prepreg.

![Composite Alliance Corp. logo] Composite Alliance Corp.

Designed to increase the efficiency of the preform compaction process

REFERENCE	SIZE (M)	SIZE* (IN)	MAX WEIGHT LIMIT ON WORKING PLATEN	
			750 KG/M²	153.47 LBS/FT²
TME/CT-110	1 X 1	39X39	750 KG	1651 LBS
TME/CT-210	2 X 1	78X39	1 500 KG	3303 LBS
TME/CT-310	3 X 1	118X39	2 250 KG	4955 LBS
TME/CT-410	4 X 1	157X39	3 000 KG	6607 LBS
TME/CT-315	3 X 1.5	118X59	3 375 KG	7433 LBS
TME/CT-415	4 X 1.5	157X59	4 500 KG	9911 LBS

For a custom made HDF Machine, please contact our sales team
Size in inches are approximative for reference only

THE BASIC EQUIPMENT OFFERS

· A membrane with 250% elongation
· An aluminum frame structure
· Manual vertical opening and clamping system
· IR for upper heating up to 140°C (284°F)

ADVANTAGES

· Simplicity of use
· Reliable and repeatable performance
· No fiber wrinkling
· Cost-effective solution
· Versality of use

OPTIONS

· IR for upper heating and/or heating fluid for lower heating up to 200°C (392°F)
· Membrane with elongation of 600%
· Automatic clamping system
· Automatic vertical opening and closing system
· Supervision easy-to-use touch screen interface to control the complete cycle
· Vacuum system 50 mbar/0.7 psi
· Compaction trough for big size tooling

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