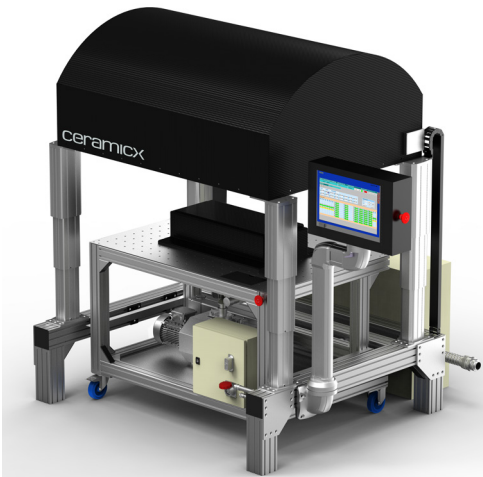


Ceramicx (**hall 6, stand C78**) will show its advances in bespoke infrared ovens and heat work for composites processing, and partly to preview the launch of the Ceramicx drape forming machine, designed to heat and cure carbon composite material whether its prepreg or dry fibre. The new Ceramicx Vector can be customised to meet customer size requirements with no minimum or maximum dimensions for parts. The heaters are individually powered and controlled by a Siemens HCS system in conjunction with calibrated optical temperature measurement. The feedback loop ensures that the part does not exceed the upper most cure temperature and that the temperature gradient through the parts thickness is a minimal as possible.

The Vector drape forming machine has no complex drive shafts systems, gear boxes or external motors. This reduces the vibrations on the heaters and the required maintenance on these parts. Moreover, floor space can be reduced as access is virtually all from beneath the structure.

Below left

Ceramicx: Bespoke infrared ovens



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