

# CORE NEWS

Diab

NEWSLETTER FROM Diab

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Welcome to our Newsletter! You just need a few minutes to stay up-to-date with the world of composite materials and we promise it is worth the read! In this issue you can read about Diab Americas' triples process capacity, the next exhibitions in which Diab will take part and our continuous work with sustainability.

## RENEWABLE NEWS



### Resilience Frontiers for Global Sustainability 2017

Stockholm Resilience Centre together with the Resilience Alliance arranged the 4th global conference on resilience in Stockholm on August 20-23. This is one of the largest environmental conferences in the world and Diab was there!

The purpose of this conference was to have experts from all over the world present the latest research regarding how we should manage the whole planet to support human welfare in the future.

Diab's participation in this conference clearly shows our deep interest in these global questions. Several scientists, and also some of the keynote speakers, were excited to hear about our current work on sustainability and our products. After visiting this 3-day conference it is clear that light and strong products definitely are a smarter solution for a more resilient way of living!

### SBT (Science Based Targets)

Diab has committed to set company-wide emissions targets based directly on climate science. This is also set as one of the sustainability projects in particular focus this year. In order to be able to calculate the decrease rate of the emissions and set relevant targets Diab has chosen a base year (2016) for comparison. Data is currently being collected and analyzed and the next step is to set our target goals for the future.

## UPCOMING EXHIBITIONS



### China Composites Expo 2017

... in Shanghai, China, from September 6 to 8.

**Stand no.: A315**



### CAMX USA 2017

... in Orlando, Florida, USA, from

September 12 to 14. **Stand no.: B18**



### Composites Europe 2017

... in Stuttgart, Germany, from September

19 to 21. **Stand no.: 6A30**



### Aircraft Interiors Expo USA 2017

... in Long Beach, California, USA, from September 26 to 28.

**Stand no.: 2353**

## DESOTO TRIPLES PROCESS CAPACITY

### Diab DeSoto expands stabilization capacity

Due to increased OEM (Original Equipment Manufacturer) acceptance from several market segments, Diab Americas has invested in additional stabilization chambers to support the growing need for Divinycell HT and Divinycell HP foam cores.

Structural foam cores have been used in the Aerospace industry and other advanced composite applications for decades, led by Diab with its Divinycell and now-retired Klegecell foam core products. With the long list of benefits of closed cell foam cores over traditional honeycomb core designs in Aerospace applications, OEM acceptance of Divinycell HT for primary and secondary structures has accelerated over recent years.

“The unique value we bring to our customers needing an elevated temperature and prepreg capable closed cell foam is further stabilizing Divinycell HT and Divinycell HP prior to delivery. This ensures our industry-leading dimensional stability in a closed cell foam, enabling our customers to produce the best quality and most consistent finished part. To ensure Diab is the best partner and supplier to our customers, we have invested heavily in the Diab Americas facility in DeSoto, TX, including tripling the chamber capacity of our Divinycell HT and Divinycell HP product lines,” comments Per-Erik Velin, EVP Americas.

Divinycell HT and Divinycell HP are PVC-based IPN (interpenetrating network) thermosets with excellent chemical resistance, high strength to weight ratios, and good insulative properties. Additionally, each Divinycell HT order comes with comprehensive quality documentation and batch traceability, to ensure that Aerospace documentation requirements are met.

Apart from the foam core supply, Diab supports customers with added value services such as CNC machining and thermoforming of core kits, ready to be used out of the box.

### DID YOU KNOW

...Airship RIBs performance with Diab foam core



Airship RIB 330

Airship RIBs successfully combine the proven advantages of rigid inflatable boats, state-of-the-art composite technology and a stepped hull design to create a quiet, safe and dry boat ride in all open water conditions. Airship RIBs are exceptionally strong, lightweight, extremely maneuverable and virtually indestructible. This is made possible with the use of moisture-resistant Diab foam coring. The hull and deck are vacuum-infused with vinylester resin, a method that eliminates voids and creates a superior resin-to-glass ratio.

## Diab

This newsletter is produced by Diab Group Product & Marketing. If you have any questions, please contact Louise Eriksson Jacka at [louise@se.diabgroup.com](mailto:louise@se.diabgroup.com)

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