



CARGOTEC CORPORATION, PRESS RELEASE, 23 SEPTEMBER 2014 AT 9.30 AM (EEST)

## Hiab sets a new standard by introducing the industry's best hi-tech protection nDurance™

Hiab, part of Cargotec, introduces a revolutionary anti-corrosion treatment process, called nDurance™ that is being used in its new, modern multi-assembly unit (MAU) in Stargard Szczecinski, Poland. The facility will be officially opened today.

nDurance™ is a technologically advanced and environmentally sound pre-treatment and paint process based on nanotechnology and e-coating. It offers a unique three-layer protection against corrosion and harsh working environments. The process is 100 percent phosphate-free, it does not use any heavy metals and leaves basically no waste – resulting in great savings on energy and water.

**Gert Larsson**, Executive Vice President, Hiab Products, says: A crane is constantly exposed to the elements of nature. Therefore, effective surface protection to prevent corrosion is crucial. By investing in the nDurance™ process, we help our customers to secure their investment in sustainable load handling equipment. nDurance™ safeguards a long and cost-effective ownership with a durable and good looking crane throughout its lifetime. With nDurance™ we can offer the industry's best hi-tech protection."

In short, the nDurance™ process works as follows:

### 1. Nano pre-treatment

Step one in the nDurance™ process is the pre-treatment and application of the first anti-corrosion layer. The layer is applied in a dip tank, creating an ultra thin, chrome-free, nano-ceramic shield that protects all surface areas, including cavities and areas that are usually difficult to access.

### 2. E-coating

Step two is the application of the lacquer polymery coating, using the latest technology in e-coating. The technique leaves no drip or sag marks and also increases film-thickness on edges with up to 100 percent compared to standard e-coating systems.

### 3. Painting

The third step is the powder coating. In the oven the powder paint turns into a hard and durable surface that features excellent protection and mechanical properties to cope in the harshest of working environments.



After the completion of the nDurance™ process, all parts are thoroughly controlled before going into the actual manufacturing of our cranes. Following Hiab Paint Standards we periodically also run tests in an external laboratory to verify the resistance to corrosion, adherence and permeation.

To learn more about nDurance™ and the new Hiab MAU in Stargard, please join the opening event today online through international live broadcasting. You are welcome to view the **international press conference starting at 10:30 a.m. CEST** at [http://wms.magneetto.com/hiab/2014\\_0923\\_stargard/view](http://wms.magneetto.com/hiab/2014_0923_stargard/view) and the **official opening ceremony starting at 1.00 p.m. CEST** at [http://wms.magneetto.com/hiab/2014\\_0923\\_opening\\_ceremony/view](http://wms.magneetto.com/hiab/2014_0923_opening_ceremony/view). The recordings will be available through the same links on demand after the event.

**For further information please contact:**

Rafal Sosinski, Painting Project Engineer, Hiab; tel. +48 882 142 535, e-mail [rafal.sosinski@hiab.com](mailto:rafal.sosinski@hiab.com)

Lotta Clausen, Vice President, Communications, Hiab; tel. +46705535138, e-mail [lotta.clausen@hiab.com](mailto:lotta.clausen@hiab.com)

Hiab is the world's leading provider of on-road load handling equipment. Customer satisfaction is the first priority for us. Around 2,700 professionals at Hiab work to provide high-performance products and services that meet customer needs globally. Our product range includes HIAB loader cranes, JONSERED recycling and forestry cranes, LOGLIFT forestry cranes, MOFFETT truck-mounted forklifts and MULTILIFT demountables, as well as DEL, WALTCO and ZEPRO tail lifts. [www.hiab.com](http://www.hiab.com)

Hiab is part of Cargotec. Cargotec's sales totalled EUR 3.2 billion in 2013 and it employs approximately 11,000 people. Cargotec's class B shares are quoted on NASDAQ OMX Helsinki under symbol CGCBV. [www.cargotec.com](http://www.cargotec.com)