

## Welcome to the torbo newsletter with the edition 03/2010!

In the current newsletter you will find important Datas & Facts, more informationen about torbo and the technology of wet sandblasting. Enjoy your reading. The torbo team will be happy to hear from you - via e-mail, fax or phone call - should you have any questions or suggestions about your special applications!!

### The outdoor swimming saison can start now

An outdoor swimming pool in the Netherlands was renovated. But with which system you remove the old and heavy polyester coating fast and environmentally friendly?

The solution is the torbojet-system!



Image 1: outdoor swimming pool

The system has blasting lances from 500, 1.000 and 2.500 bar so with this system you can cover the whole power blasting market.



Image 2: removal of polyester coating with the torbojet-system

You can combine this torbojet lance with every UHP blasting system there is. For each system torbo developed an automatic starting system

when the HP system starts blasting the torbo activates too in 15 seconds.

You can see a detailed video about the swimming pool paint-removal at the internet-site "YouTube" under this link:

[http://www.youtube.com/watch?v=0G\\_wJtjyZzU](http://www.youtube.com/watch?v=0G_wJtjyZzU)



Image 3: Working with torbo and UHP unit

### Do you have coating problems on your boat?

These problems are no issue for torbo-system. But what to say to antifouling and osmosis? The antifouling coating protects the normal coating and prevents the algae to stick on the boats bottom.



Image 4: Removal of antifouling

The self eroding antifouling coating has to be renewed each one or two years.



Image 5: fast, clean & thorough

You can renew this coating to seven times, but every 5 to 7 years you have to remove the rests off the antifouling coating to get a smooth surface again. When the coating is loosening earlier the it should be removed too. By removing the old antifouling

you need to have a mirco roughness on the surface to get a good attachment with the new coating. To do this proper you can use the torbo with a pressure from about 3 bars and using a fine and hard blastingmedia with a grade from 0.09 too 0,25 mm. With torbo you blast enviromental friendly and you do not need to cover the area while it is dust free.



Image 6: put on the new coating

## Removal of rust at a gas tanker

The ship "HÖEGH GANDRIA" was built in 1977 in Kiel/Germany and ran under the shipping company Leif Höegh & Co. in Oslo/Norwegen. The ship is 274m long and 43m wide. The LNG-Tanker was doing the route Indonesia–South Korea. The ship was sold in the year 2008.



Image 7: LNG tanker "Höegh Gandria"

Nevertheless the building of corrosion did not stop. The corrosion of the steel construction elements are optical not well but also causes problems with the stability of the ship and the correct functioning of the different machines on board.



Image 8: rust building

The removal of rust with the torbo-system is not a problem. During blasting with our torbo-system you have a low water- and blasting media consumption and no dust. Even you have no electrostatic charge and no „hot“ sparks.



Image 9: removal of rust with torbo

## Curtain opens for the round cinema in Dresden / Germany

The round cinema was opened in the year 1972 in the centrum of Dresden. With its UFO-aesthetics and with the imposing 898 seat, the cinema is calculated to the biggest cinemas built after the second world war. In 2002 the round cinema was severe damaged through the highest tide of the river ever, the cinema business was stopped.



Image 10: Round Cinema before cleaning

After the insolvency from the cinema owner in the year 2004 it was opened again in the year 2007 after a big redevelopment. In this redevelopment was also the renovation of the outdoor facade with torbo. Thanks to the torbo-system the high difference of 150 m was no problem. And so the whole



Image 11: torbo at work at the facade complete outdoor facade was cleaned from pollution and impurity. The sandblasting work was done by the torbocar AC37 with its 5 cbm compressor. Granatsoft was used as blasting media.



Image 12: Renovation with the man lift and the torbocar AC37

The blasting media consumption only was 1,5 tons in 10 days for the 1000 sqm. This is a consumption of 1,5 kg per sqm.

## Preview:

A new torbo-model is coming!!!

- approx. 20 l vessel
- Width: approx. 50 cm
- Height: approx. 80 cm
- empty weight: below 50 kg



Are you interested?

More information is coming soon!!!

**You will find regular and up-to-date information about the technology, the various applications of the torbo system and current trade fairs at our website:**

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