

Application Report No. A 05-2e **Cleaning of Ship Hulls up to 1000 bar**

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S.Smets

The conventional method of cleaning and paint removal in the ship industry and in general corrosion prevention is carried out at working pressures of up to 1000 bar. Using this method, a surface quality according to the internationally accepted standard of WJ 3 - WJ4 can be achieved. (*Refer to our Report A05-0e*).



KAMAT customers worldwide use high pressure guns and rotating nozzles to handle these tasks.

As can be seen in these pictures, in many cases the work is carried out from a hydraulic working platform - a so-called "Cherry Picker".

A cleaning rte of 30 to 50 m² / h is possible, depending on the condition of the surface and the resulting standard required.

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The two types of rotating nozzles shown below are the ones most frequently used.



Rotating Nozzle PRD 1500



Orbital Nozzle KOD 1500