

Application Report No. A 05-1e

Removal of Paint and Rust from Ships up to 2500 bar

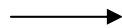
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Status: 07/2004

S.Smets

*All of the applications shown were carried out in accordance with the international recognized standard **WJ-1***

*Semi-automatic surface cleaning using the KAMAT **Wall-Cleaner** on ship's hull in dry docks.*



The Wall-Cleaner can be fitted to an external suction and filtering system.

(Refer to Application Report No. 05-6e).

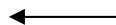
Possible Rates of Removal:

*(based on complete removal of coatings and rust = **WJ-1**)*

- Roto Lance 9 – 15 m²/h
- Wall-Cleaner 25 – 35 m²/h
- Surface-Cleaner 30 – 45 m²/h



*The **Surface Cleaner** in operation on a ship deck.*



Like the Wall Cleaner, the Surface Cleaner can also be fitted up to an external suction and filtering system.

The Surface Cleaner is pneumatically-driven and the speed of rotation can be set to exactly match the actual requirements.

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The picture on the right shows manual gun works on a ship's hull while in dry docks. The operator is using a **KAMAT Roto-Lance** at a working pressure of 2,000 – 2,500 bar.

In day-to-day operation, guns are only used for treating those areas which are difficult to reach using the Wall Cleaner

The following rates of removal can be achieved:

- Using gun: 9 – 15 m²/h
- Using Wall-Cleaner: 25 – 30 m²/h



KAMJET 10000

23 l/min at 2500 bar

This picture shows a KAMJET in operation in a shipyard in Greece.

The Roto-Lance is being used (manual operation) to remove rust from a pontoon on a quay wall.