

Runway cleaning

Sound proofed high pressure water vehicle specifically for the purpose of flight safety, which is employed to remove:

- tyre rub-off on (take-off and landing) runways
- oil and fuel grime on aprons
- runway markings



The various types of deployment vehicles can be equipped with a continuous adjustable hydraulic low-speed drive, marking it possible to proceed steadily even at extremely low speeds - eg, during runway marking work.

The continual increase in air traffic necessarily leads to increased tyre rub-off on runways. The danger of skidding resulting from slippery runways is familiar to airport safety experts, for which reason friction tests are conducted regularly.

If we are to ensure the highest possible degree of safety during landing, it must become standard practice at today's airports to remove tyre rub-off before it reaches the critical limit.



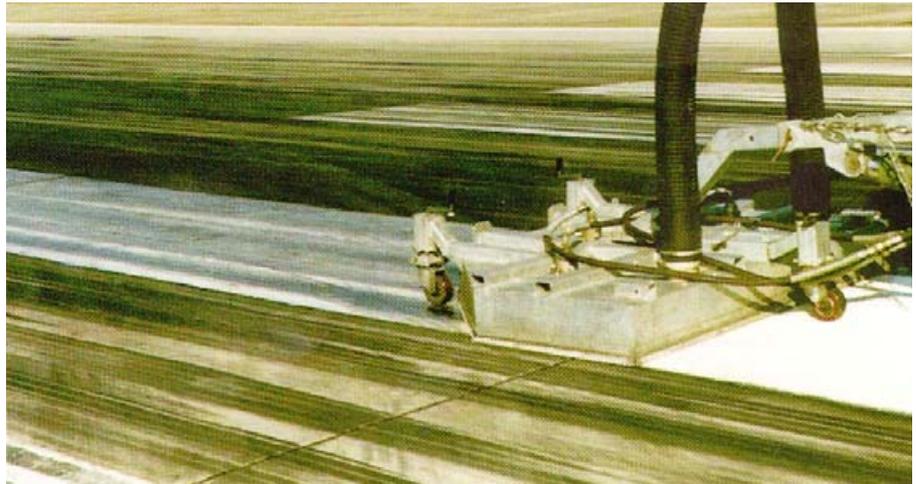
Equipment can be supplied with various working widths and is available with either crossed-shaped or linear jet nozzle arrangement, depending on the composition of the surface to be cleaned.

The angle setting of the jets, the water pressure and the vehicle speed can all be regulated with sufficient variation so as to exclude the possibility of damage to the surfaces and seams being cleaned.

Runway cleaning

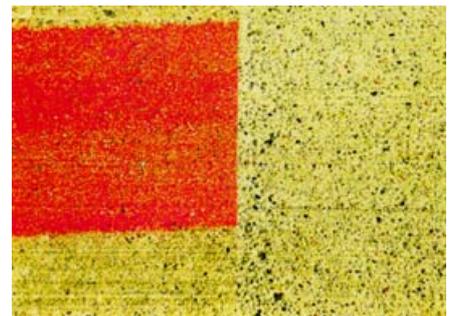
Pure drinking water is employed without the addition of chemical agents. Additional supply vehicles prevent interruption of the cleaning process, which means that the few night hours commonly available can be used to maximum advantage.

Cleaning with water under high pressure is the least abrasive way to remove tyre rubb-off and runway markings. The process fulfils the requirements of the task in every



A suction system sucks up the run-off water directly behind the equipment and without loss. This suction system is also integrated into the special vehicle.

Using mobile suction equipment, the run-off water is pumped out of the reserve tank into containers standing ready with flocculation agents for the chemical treatment and preparation of the water. After this purification, the water is ready, according to existing analytic data, to be introduced into the sewage system.



For removal of runway markings with a minimum of abrasive wear.

Even surfaces heavily soiled with oil and fuels can be cleaned easily.

