

Runway Cleaning at 600 bar

In June 2004 we carried out some trials at Warsaw airport in Poland, together with our client. The aim of the demonstration was to remove rubber from the touch-down zones of the runways.

The runway surface is made up of asphalt and concrete.

In the area of the touch-down zone the surface is grooved laterally to the runway. The task which was set by the Airport Authorities was to remove the rubber deposits completely, however without damaging the runway itself.



Since the cleaning job is carried out once a year only, the airport management decided to give the work to a local contractor and a relatively simple system was adequate for the job.

Our client provided a small unit of their own which was able to run at regulated speeds between 1-30 m/min. The unit was equipped with a hydraulic nozzle arm which could be swivelled in front of the unit to a maximum working width of 2.4m.

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We attached a KAMAT nozzle head type PRD 1500 to the swivel arm and equipped the head with 2 x nozzle inserts 1,4mm \varnothing . At a working pressure of 600 bar we were able to carry out and complete the work to the customer's entire satisfaction.

The removal rate achieved: **2.400 m²/h.**

After removal



Before removal

