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runway rubber from water



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FCL

Foster Contracting Limited

Serving the industry since 1911

runway rubber removal



OSPREY3000 is a British designed and manufactured water jetting machine which works at very controlled pressures. The oscillating cleaning head has a multitude of nozzles giving an even and gentle removal of rubber deposits from the runway touchdown zones.

Results show that OSPREY3000 provides a more complete and controlled removal of rubber than was achieved by earlier lower pressured machines.

OSPREY3000 has a carrying capacity of 18,000 litres of clean water and a debris carrying capacity sufficient for 7 hours continuous operation.

Water pressures of up to 3000 bar are produced by one of the latest generation of URACA pumps, renowned for their reliability.

Treatment is achieved by a computerised cleaning head oscillating in front of the VOLVO truck, in a path parallel to the runway grooves. The system strips 100% of the deposited rubber while presenting no threat to the integrity of the runway surface.

All the jetted water and removed rubber deposits are entrained into a pneumatic conveying system and are deposited into the onboard debris tank for safe disposal to a licensed land fill site.

With a simple control in the driver's cab it is possible to select varying treatment widths of up to 2000mm. The servo driven rotary head moves in a pattern automatically varied by the onboard computer to correspond with the forward speed of the machine.