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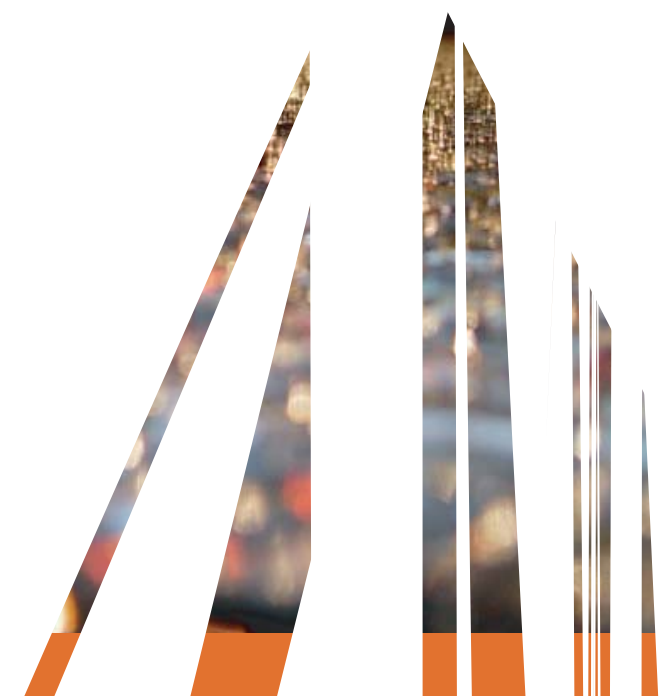
Foster Contracting Limited

Head Office, England and Wales

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Foster Contracting Limited

Serving the industry since 1911

retexturing services

Osprey 3000 is a British designed and manufactured water jetting machine which effectively retextures newly laid SMA and other binder rich blacktop road surfaces by removing excess bitumen. Osprey is also very effective in treating SMA at 16-18 months where it has not achieved the required SCRIM standard. Practical tests have proved that treatment by Osprey substantially increases SCRIM levels.



Stripping of the excess binder is achieved by ultra high pressure water blasting through a multi-nozzled oscillating cleaning head giving an even removal of excess binder from the aggregate without causing damage to the road surface. Water is jetted at controlled pressures of up to 2,500 bar (Osprey is rated for 3000 bar). The cleaning head oscillates within a frame mounted at the front of Osprey and by virtue of CNC technology always moves in a path at right angles to the direction of travel of the vehicle. Treatment widths can be varied from 300mm up to 2000mm.



Two man operation of Osprey is used in order to achieve the most effective treatment. An SMA surface is likely to vary over the area to be treated with some areas being more binder rich than others. The condition of the surface is monitored by the supervisor from the ground and he instructs the operator to select the appropriate operating water pressure and/or vehicle speed in order to achieve the most effective treatment. The operator is also able to view the working of the machine via an onboard screen from which he can select images from a variety of cameras.



Osprey has two clean water tanks with a combined capacity of 18,000 litres. All the jetted water and the displaced bitumen and particles are entrained into a pneumatic conveying system and are deposited into the onboard debris tank. The dirty water is sucked into a tanker at the end of the day for proper disposal by a registered carrier. The solid debris is safely disposed to a licensed landfill site. Osprey's clean and dirty water carrying capacity allows up to 7 hours continuous operation making Osprey the most efficient self contained hydraulic retexturing machine in the UK.