

Upcycling,  
reinstating,  
forward thinking.



Horrod's have always believed in designing and manufacturing our mastic asphalt, bitumen, and thermoplastic machines to be easy to service, refurbish or upgrade.

Engineering and designing quality, efficiency and safety has ensured that these machines give a lengthy and reliable service to the companies who have invested in them, and who maintain them properly.

Tech Joint, a customer that has invested in our products sent in two of their machines for servicing, with one of them also requiring repair.

The first mastic mixer came in to be serviced and to be removed from its existing vehicle and fitted to a new one. That vehicle required custom modification to the chassis, which was shortened, as per customer requirement; we then added access steps, and safety rails, bottle carriers, and a lightboard. Making the vehicle dedicated to the operating and running of the mastic mixer which uses the material Permatrack (IKO). We also fitted a new 80-gallon capacity PSB boiler to this dedicated vehicle.

The second machine brought into our yard for a scheduled service and repair.

The material was emptied from the machine and the pan was chipped clean.

Upon inspection it was discovered that the abrasiveness of the materials being used had incredibly, worn away the cast steel & \*hardened stirrers, shortening them over the course of the 4 years of use (or at least since its last service in 2018.) This machine was manufactured in 1992 and sold second-hand to Tec Joint as a reconditioned mastic mixer.

Discovering the wear and tear was remarkable, as this is the first time, we have ever seen such an effect, and it shows how incredibly hardy the Permatrack material is!

The image shows the corroded stirrer.



The mixer was fitted with all new stirrers, and stirrer caps.



A new chute c/w an extension chute was fitted \*see reference image below\*.



The lids were removed and new lids were supplied and fitted, with new lid supports, hinges and handles.

Supply and fit new gas control box c/w controls. The engine was removed and sent away for a service.

The vehicle floor was cleaned of debris to enable us to run new gas pipes along the body attaching to a new cylinder carrier purpose made to take cylinders for both mastic mixer and 80-gallon PSB boiler.