

3000 Gallon Port Dust Tanker

Client: Port of Tyne

The Port of Tyne is a deep river port, a distance of 4kms from the mouth of the river Tyne in Newcastle, with round-the-clock access. In addition to cargo handling services over 800,000 passengers go through the port each year.

Dave Millings, the Dock Manager contacted Major because a unit was required by the port to suppress dust on an industrial scale. The team at Major designed the 3000G Dust Tanker which sits upon a skeletal tandem axle lorry trailer.

Up to this point, all dust suppression activities in the port were sub-contracted out. Contractors could only use metered water at great expense. This unit allows the Port of Tyne operator to take water directly from the dock in place of metered water resulting in substantial savings.



Design Details

- ✔ An engine and pump are mounted on the rear of the tanker for ease of access when washing the tank
- ✔ Two outlets are positioned underneath the tanker towards the rear of the unit for dust suppression
- ✔ A vertical and horizontally controlled raingun is fitted to the top of the tanker for damping the coal bings
- ✔ To give the operator a safer working environment and greater flexibility, all the above features are controlled remotely using a radio transmitter remote control box resulting in substantial savings.

“After my initial enquiry to Ivor Dobson at Major Equipment to build a specialist tanker he visited our site and within days came back to me with detailed CAD drawings for a 3000 gallon tanker. On our agreement the tanker was built.

This machine has surpassed our expectations so in 2015 we placed an order for an additional unit.

The spare parts support is excellent. Any wear and tear parts we have needed have been received promptly from Major.”

David Millings, Cargo Operations Manager, Port of Tyne

