



Only construction vehicles with particle filters are authorized to enter the tunnel building site in Bremerhaven.

Port tunnel scheduled to open in 2018/19

A clean construction site – soot filters required for all diesel engines

The Cherbourger Straße port tunnel in Bremerhaven, which is still a construction site at the moment, is the most significant transport infrastructure project in the city. This tunnel is set to be an efficient transport link between the Überseehafengebiet – which contains the industrial zone near the port – and the A27 motorway. The chosen construction model for the tunnel will ease the burden considerably on locals seeing as overground lorries and trucks will soon be able to use the tunnel.

The environment is given a high priority right from the building phase. Every machine on the construction site that has a combustion engine must be fitted with a particle filter.

The company STRAKO Strahlarbeiten und Korrosionsschutz also had to meet this requirement. The company is due to mend and coat a support wall on the building site. Since their own fleet of vehicles had no compressor fitted with a particle filter, the appropriate construction compressor was promptly rented from Peter Gay Baumaschinen in Bremen. The construction vehicle trader is Compair Partner, who have their own rental vehicles. The Compair C115-12 has a volume flow of 11.5 m³/min, which delivers 12 bar of operating pressure. That's enough power for blasting work. The compressed air supply already meets the requirements for anti-corrosive works as a standard. Smooth volume flow control is an integral part of the basic equipment. Engine speed and air intake regulation are automatically adapted to the compressed air required and the diesel in a fuel-efficient way. All the necessary oper-

ating information is shown on a display screen complete with keypad. The operating pressure is adjusted from the controls. If there are faults, the machine switches off automatically to preserve itself. Particle filters are available as a serial option for this particle filter as of now, which means they

User

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CompAir rental partner

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The Project

The Cherbourger Straße port tunnel is being built open coverage and near the surface.

Machines used

The Compair C 115-12 has a volume flow of 11.5 m³/min, which delivers 12 bar of operating pressure..



The contract opted for RAL blue.



The coatings are applied section by section over 300 m.

are available from the manufacturer in Simmern. Up to now, the machines have been equipped with these filters separately whilst in operation.

In order to prepare the RAL blue coating for the support wall, restoration works had to be carried out to repair damage incurred during assembly/installation, and an intermediate coat had to be applied as well. 1200m² of sheet pile wall stretching 300 meters had to be coated. Whether it's steel construction or steel hydraulic engineering that's required, docks, wharfages or offshore installations, the

highly trained STRAKO team is a partner that is in high demand all over Germany. Of course, they also have the required permits and certificates. Weather-resistant parts are delivered to and processed in the large building on the factory premises. This family company with a wealth of experience uses the latest machinery. "If something gets 'stuck', for instance on the port tunnel construction site, a rented machine does the trick", explains STRAKO manager, Holger Bartels.



STRAKO manager Holger Bartels promptly rented a construction compressor with a particle filter.

The tunnel is scheduled to open in 2018/2019

The Cherbourger Straße port tunnel is being built open coverage and near the surface. The two-lane tunnel is primarily (1,195 m) controlled in one channel with contraflow. In the eastern section, the tunnel is split into two channels with traffic going in one direction. This gives cars fly-over access to the Cherbourger Straße tunnel from that point. The tunnel is scheduled to open late 2018/early 2019.



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