



8 large compressors for the Krebs Unternehmensgruppe

## CompAir TurboScrew compressors low operating costs tipped the scales

As a specialist in corrosion protection, the Krebs Unternehmensgruppe has several sites along the entire German North and Baltic coast. As there are often no local high-voltage current connections at the construction sites, the company, which is based in Hamburg, has recently invested in high-performance diesel compressors. This also involved the purchase of 8 type C250TS-12 TurboScrew compressors from CompAir.

With a volume flow of 25 m<sup>3</sup> per minute, the machines provide a full 12bar operating pressure. 5 machines are located at Rostock port. 2 machines are intended for their branch in Wismar. The company selected

versions with skid-mount without running gear for these locations, as these compressors will hardly ever need to be moved. The 8th compressor is portable and will be predominantly used at a refinery site in Hamburg, where it will need to be moved about frequently.

can be operated in a more energy-efficient manner than comparable machines. What's more, the compressor is significantly more compact in terms of its dimensions, than machines with comparable output. The weight of the chassis built version remains below 3,500 kg. Just the fact that it lowers

### User

Krebs Industrie-Service GmbH  
www.krebsgruppe.de

### Areas of application

Krebs Unternehmensgruppe represent cutting-edge corrosion protection, provide a local service for customers and are set up as system suppliers. In addition to classic blasting technology, the company's services also include high-pressure water blasting with up to 3,000 bar.

### Machine used

8 TurboScrew compressors type C 250 TS-12 from CompAir. With a volume flow of 25 m<sup>3</sup> per minute, the machines provide a full 12 bar operating pressure.

"We opted for machines from CompAir due to the excellent diesel consumption values", explains Andreas Biermann, Managing Director of the Krebs Unternehmensgruppe. The machines were supplied by Peter Gay Baumaschinen in Bremen.

The TurboScrew C200 TS-24 to C270 TS-9 series from CompAir uses a unique bi-turbo technology. Not only is the drive motor turbocharged, a second turbocharger "pushes" even more air in the intake duct of the air end. In conjunction with an innovative controller, this means that the compressor



It is hard to comprehend the enormous dimensions of a monopile. One monopile weighs 1,000 tonnes.



Skid-mounted and surface-mounted versions and finishing in the customer's colours are standard options at CompAir.

diesel consumption while maintaining the same performance level makes it environmentally-friendly. The TurboScrew compressors are equipped with the SCRT® system (Selective Catalytic Reduction Technology), which removes almost all soot particles and nitrogen oxide from the diesel exhaust gases.

The machines, with their teams, at the Rostock port carry out tough work. Monopiles weighing up to 1,000 tonnes for offshore wind farms are blasted and coated inside and out. What is interesting is that the clients

require different types of coating. The specialists at Krebs can handle this with ease. They also carry out blasting and coating work for a manufacturer of mobile harbour cranes, who is based opposite their premises. Work is carried out all year round. Mobile and heated halls provide a suitable working environment for carrying out high-quality blasting and coating work.

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as system suppliers. They have in-house solutions for logistics involving trucks of 3.5t and above and truck-mounted cranes with a lifting capacity of 500t and above or for work on scaffolding. In addition to classic blasting technology, the company's services also include high-pressure water blasting with up to 3,000bar. Krebs offers training and apprenticeships and, it goes without saying, provide continuous training for its long-standing employees. Alongside state-of-the-art technology this forms the basis for a forward-looking company.



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