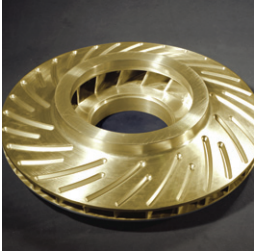


Compressor Rotor Remanufacture and Refurbishment



New compressor impeller manufactured in two halves and subsequently welded.

The Turbomachinery division of Weir Services has the facilities, technical knowledge and skill to remanufacture and repair high speed centrifugal compressor rotors.

It is often more economical and efficient to carry out rotor manufacture or refurbishment, to extend compressor operational life indefinitely. This can provide customers with major cost savings.

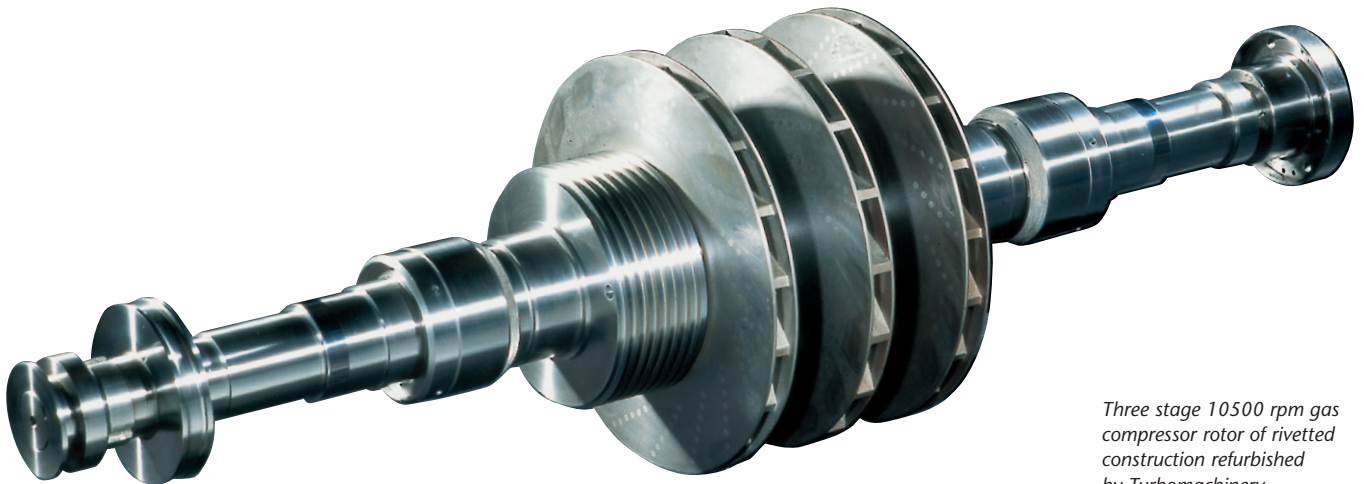
The design parameters for each rotor are carefully analysed; metallurgy and physical properties are also investigated.

Impellers are high speed spin tested at 15% above operating speed and balanced.

Vibration tracks are diamond burnished and both rotor mechanical and electrical run-outs are recorded for accurate machine vibration monitoring.



Five stage 11000 rpm hydrogen gas compressor rotor of welded construction manufactured by Turbomachinery Engineering



Three stage 10500 rpm gas compressor rotor of rivetted construction refurbished by Turbomachinery Engineering

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