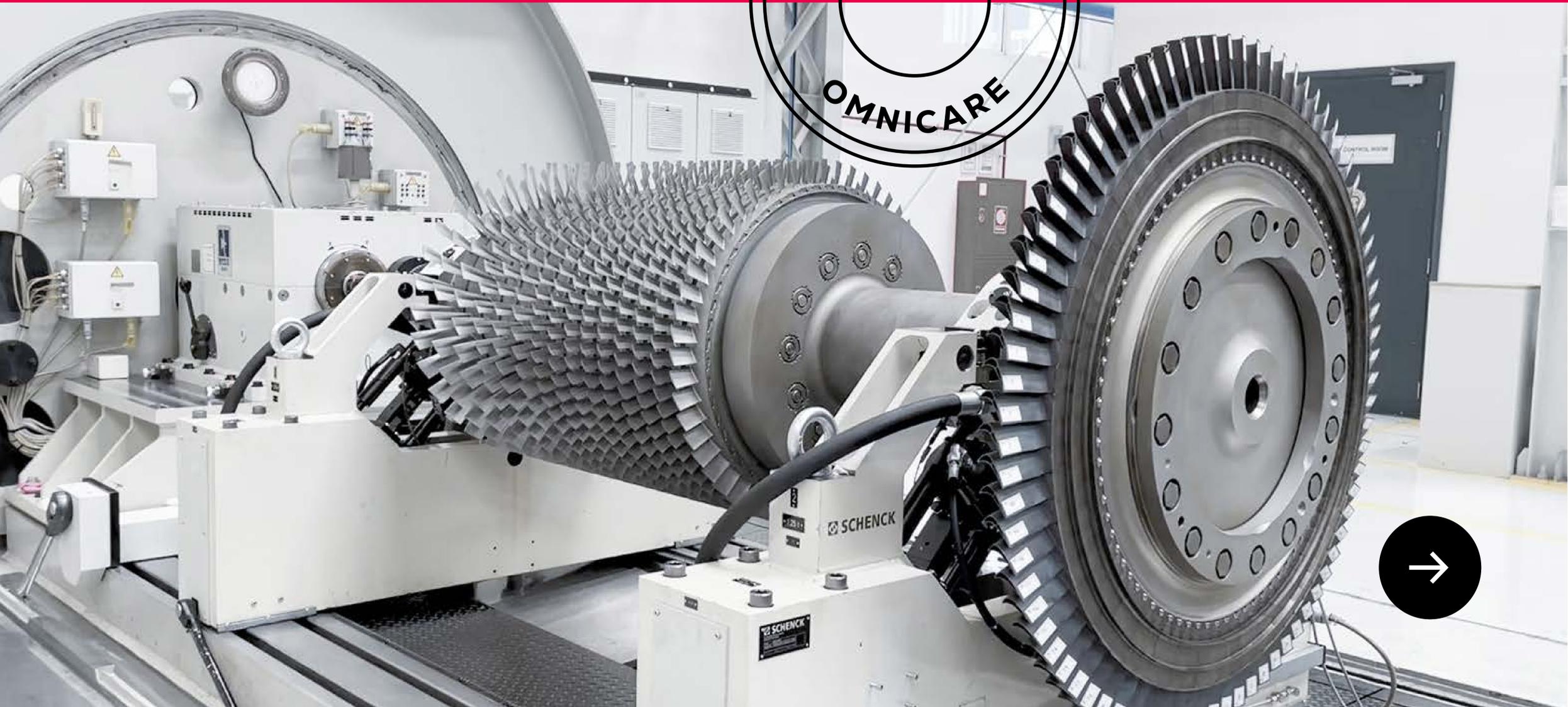
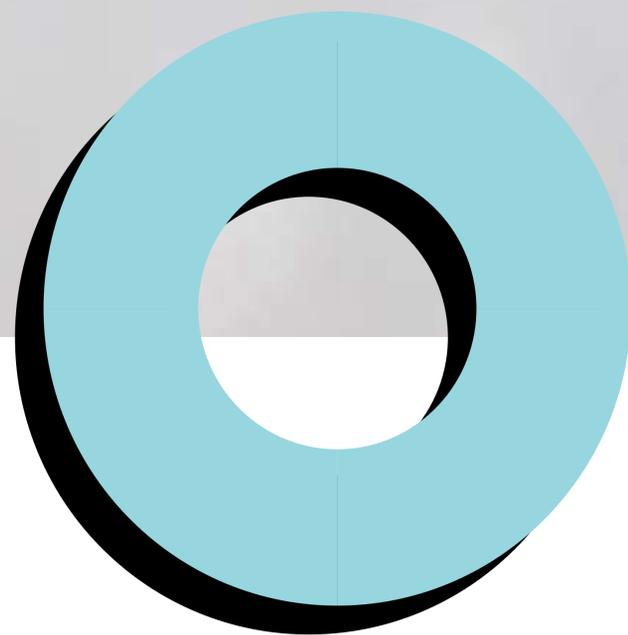


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# Refurbishment of compressor rotor **close to customer's operation**





**Project**

Refurbishment of Dresser-Rand compressor rotor

**OEM**

Dresser-Rand

**Machinery**

Barrel compressor

**Workshop**

Muscat, Oman



# Overview

## Challenge

Replacement of two cracked impellers including development and implementation of improvements despite lack of documentation.

## Services

- Inspection and recommendation report
- Reverse engineering of new impellers, sleeves and shaft
- Manufacturing of improved components
- Rotor reassembly with progressive balancing
- High-speed balancing (HSB)

## Scope of work

- Full refurbishment of a Dresser-Rand compressor rotor
- Local execution aligned with international standards
- End-to-end project handling from inspection to testing

**before**

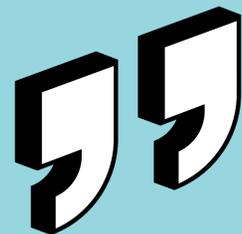
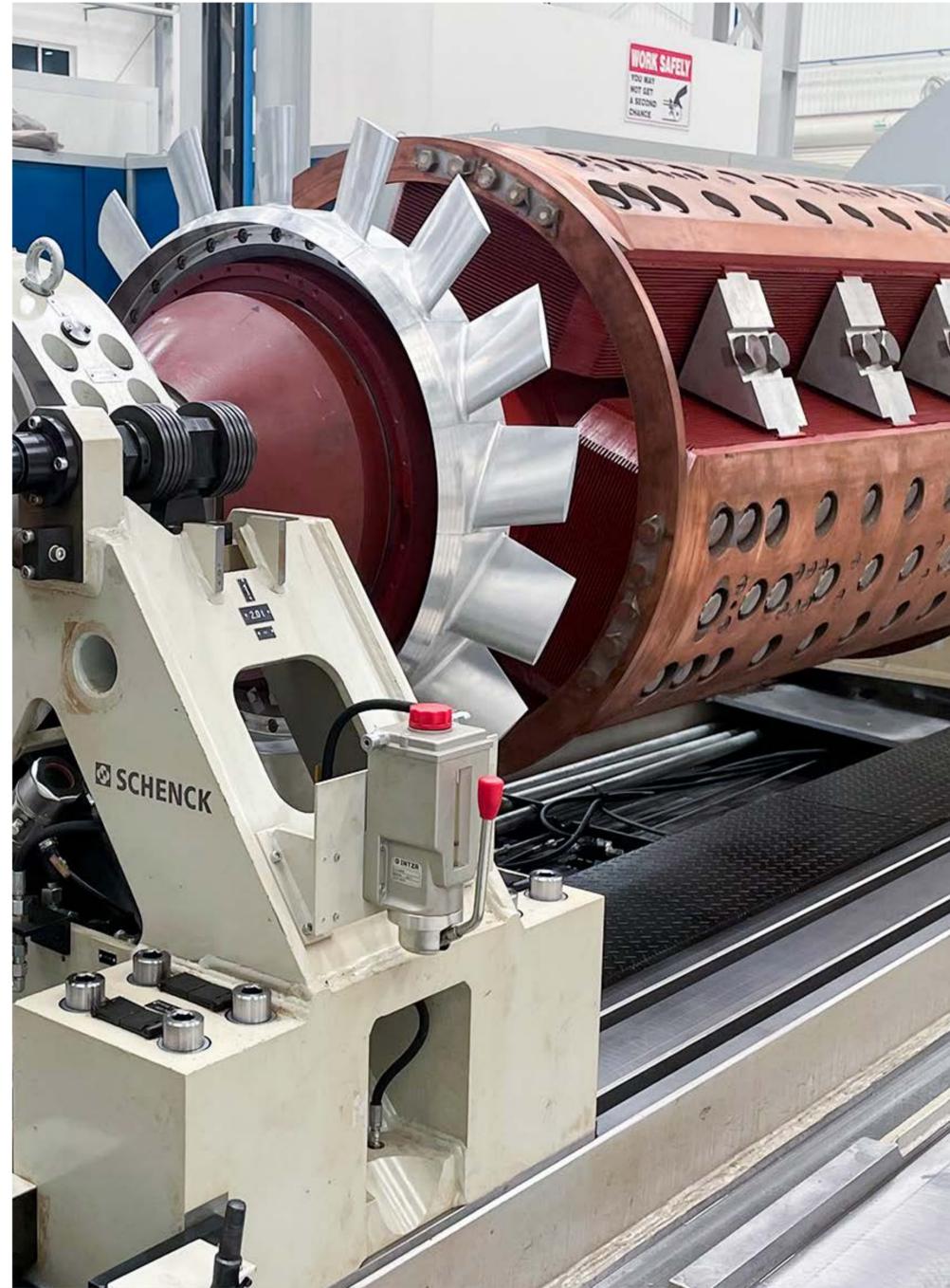


**after**



# Outcome

- Compressor fully restored and optimized with in country value (ICV)
- Cost savings through local refurbishment
- OEM-compliant precision balancing and spin testing ensured reliability
- Strengthened local expertise and ICV contribution



**The project's standout success was offering the customer a quick and local solutions while offering the assurance of a turbomachinery OEM to meet the quality requirements.**



# Your one-stop service



**PrimeServ OMNICARE**