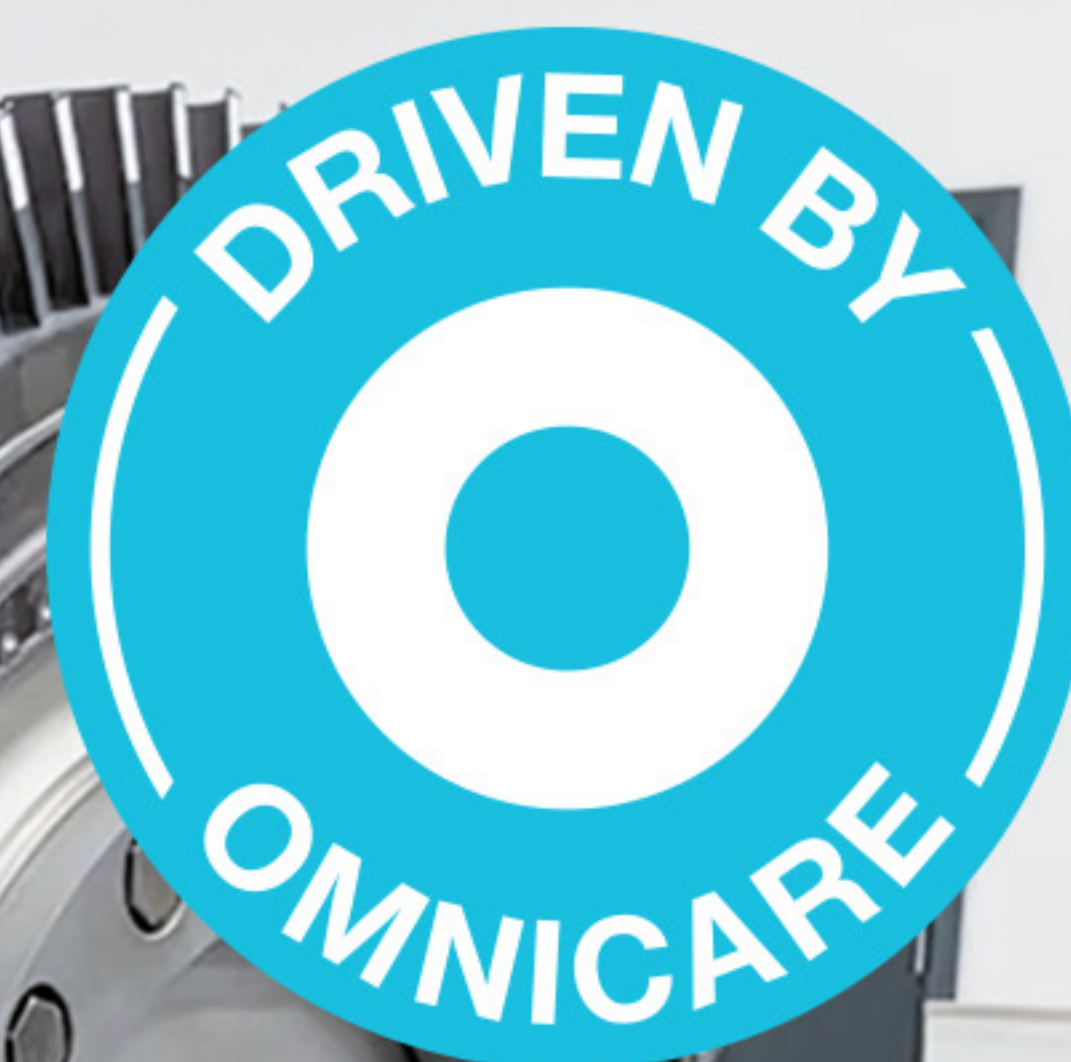




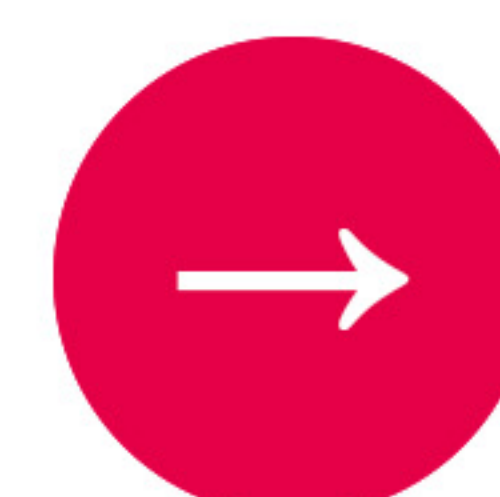
MAN PrimeServ



**Compressor rotor
refurbishment
close to the
customer's site**



PROJECT	Refurbishment of compressor rotor
OEM	Dresser-Rand
MACHINERY	Barrel compressor
WORKSHOP	Muscat, Oman



Overview

CHALLENGE

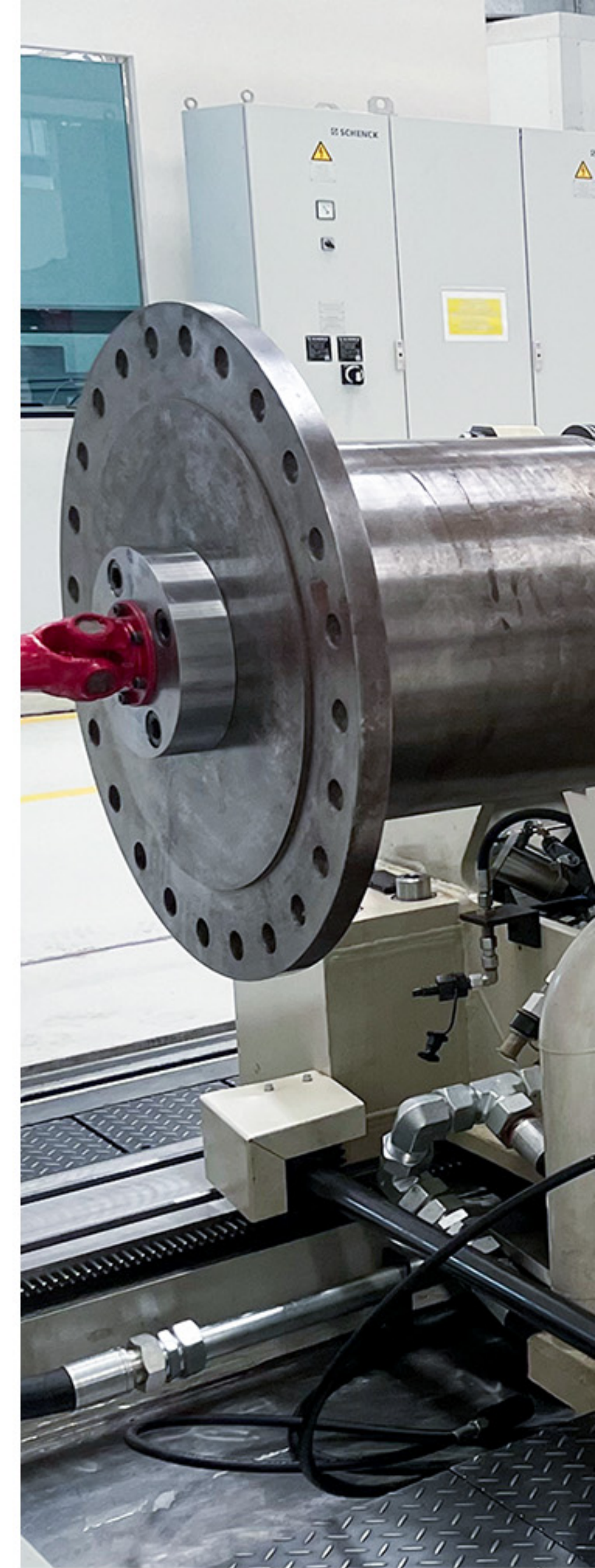
Replacement of two cracked impellers including development and implementation of improvements despite lack of documentation.

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

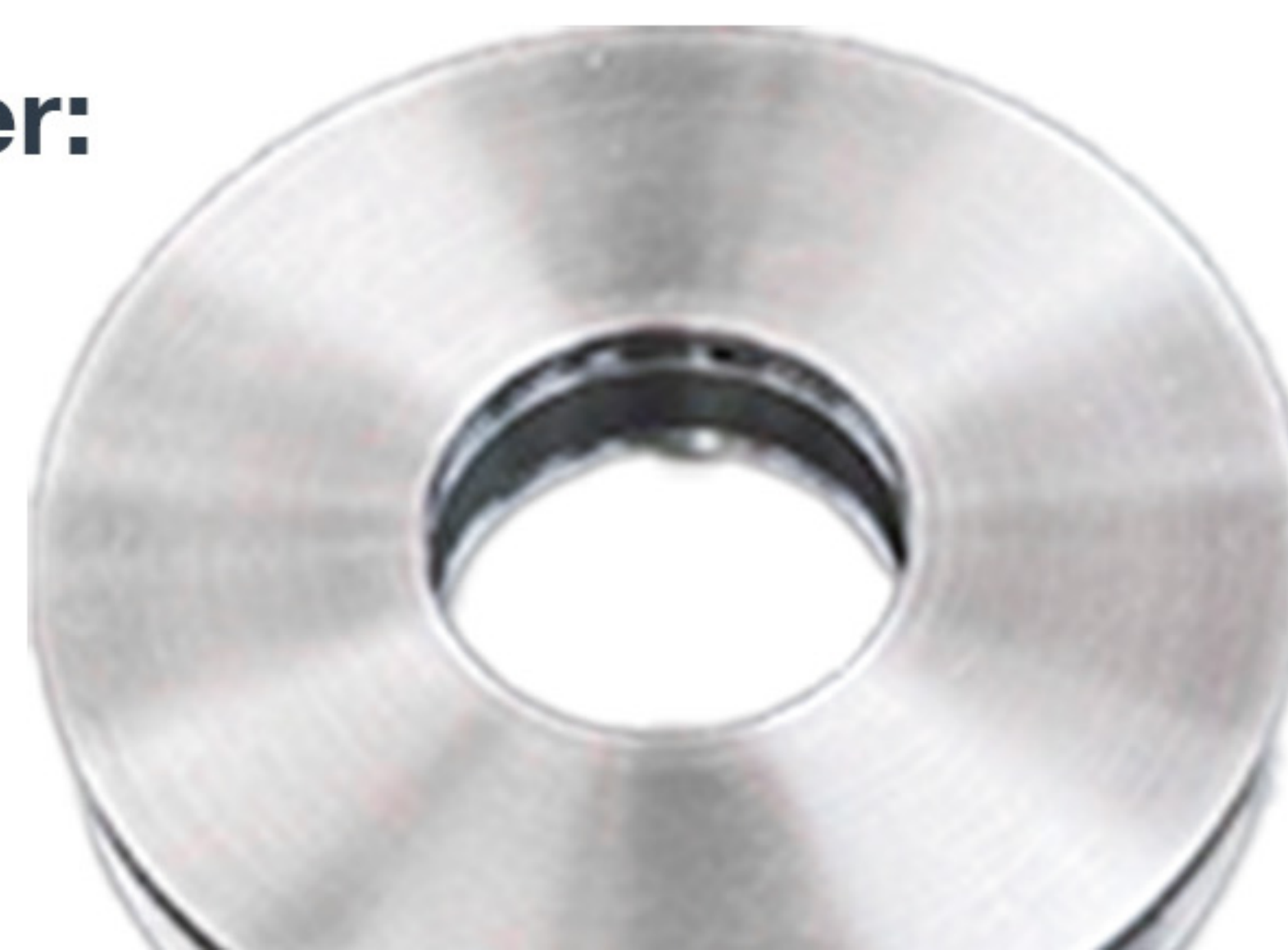
- Full refurbishment of a Dresser-Rand compressor rotor
- Local execution aligned with international standards
- End-to-end project handling from inspection to testing

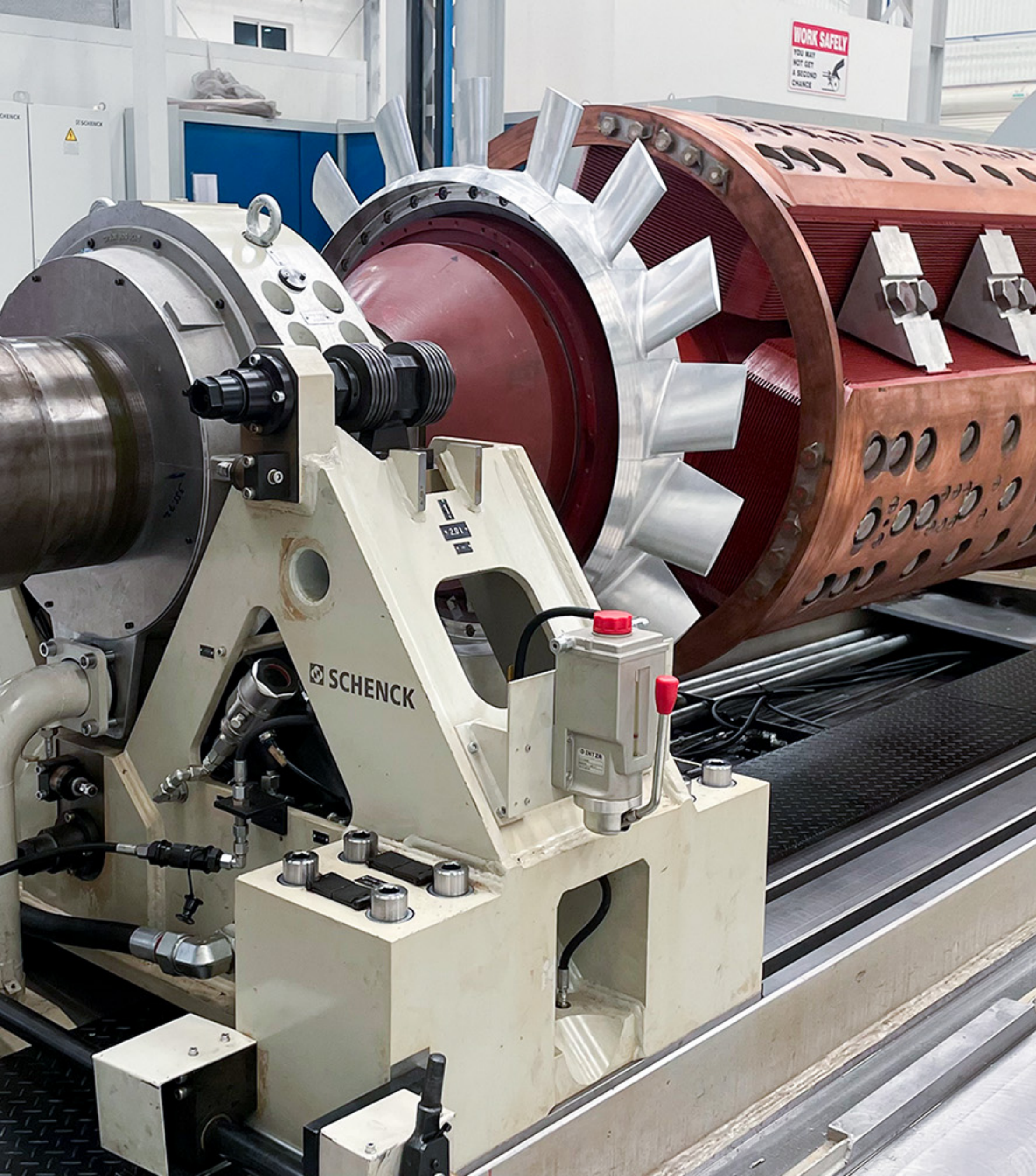


before:



after:



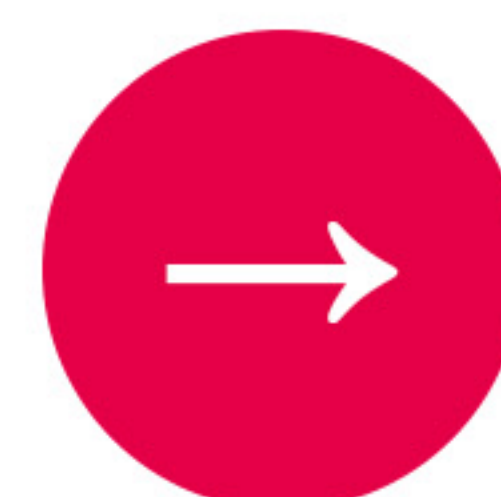


Outcome

CUSTOMER BENEFIT

- 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 solution while offering the assurance of a turbomachinery OEM to meet the quality requirements.





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