



MAN PrimeServ

Precision Repair for Dresser-Rand Barrel Compressor





PROJECT	Advanced repair of compressor barrel bore
OEM	Dresser-Rand
MACHINERY	Steam turbine driven tail gas barrel compressor
WORKSHOP	Vanderbijlpark, South Africa



Overview

CHALLENGE

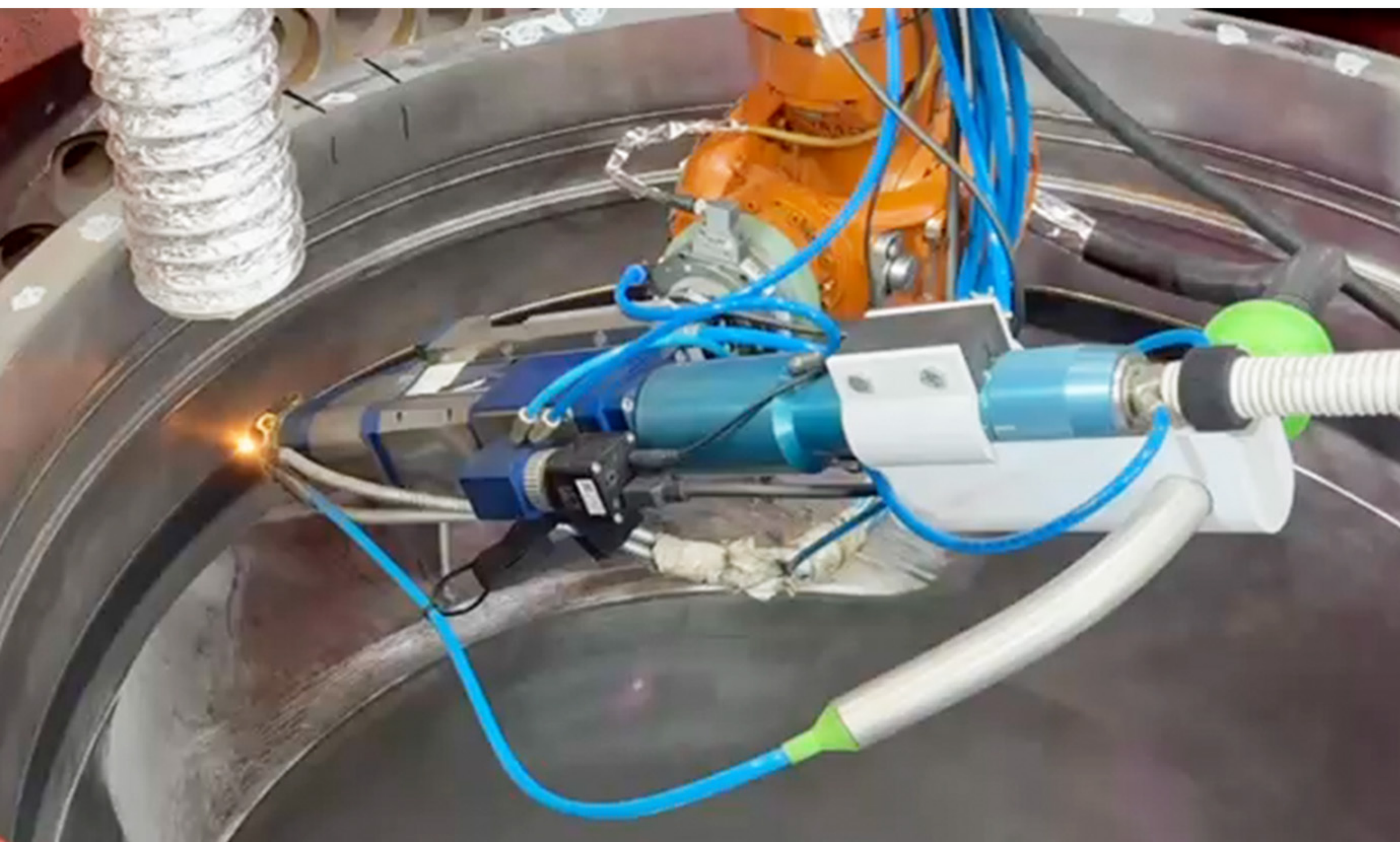
Cracks in casing and inlet nozzle, corrosion

SERVICES

Reverse engineering and component restoration

SCOPE OF WORK

- Casing pre-machining
- Laser welding of inner side of casing
- Final machining according to OEM specification
- Inlet and discharge nozzles (stainless clad)



Outcome



CUSTOMER BENEFIT

- Locally engineered solution close to operations
- Minimal downtime
- Increased resistance to gas flow medium

The project's standout success was restoring full compressor functionality with minimal downtime while reducing costs by up to 80%.



Before

After





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