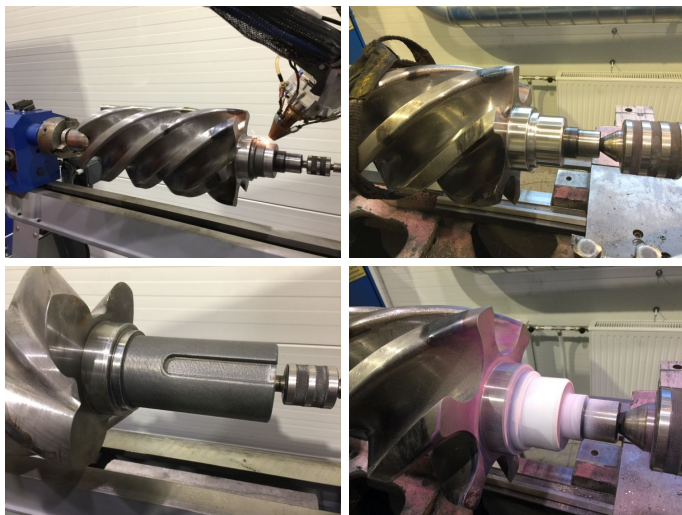




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Compressor Shaft Repair



Project details

Categories:	Marine Parts Recovery by Laser Cladding
Date:	Dec 2016.
Project Object:	Atlas Copco air compressor screw shafts set, 2 pcs
Project Description:	Reconditioning of the shafts necks, worn in operation by mean of laser cladding method.
Repair Place:	Reneko workshop
Repair Time:	2 days
Warranty:	Service warranty provided

Description of work

Screw shafts, inspected during the compressor overhaul, were found in NO-GO condition due to excessive wear of the necks. Compressor service company offered 2 options to end-user of the compressor: repair of screw shafts block or complete block replacement. Due to high cost of replacement end user agreed to perform repair of the block. Screw shafts were subjected to repair by laser cladding method by applying material on the worn necks. Post-machining of repaired necks was executed to original size.

After sale

Repaired shafts, 2 pcs were successfully installed back to compressor and they currently continue operation.

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