

LASER CLADDING Singapore Pte Ltd

Component Remanufacturing Services

www.laser-clad.com



Laser Cladding Singapore Pte. Ltd.
UEN No. 201104279H | 23 Tuas Avenue 2 | Singapore 639454
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Remanufacturing Applications for Engine

Track record for remanufacturing various types of high-value engine components by laser-powder-cladding:

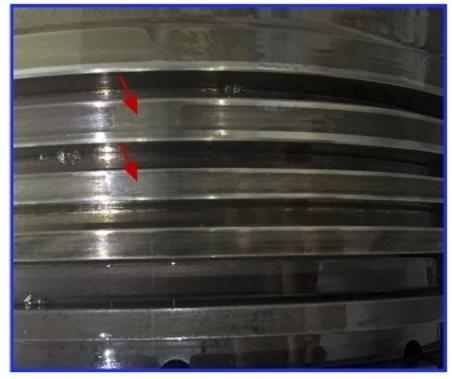
Worn / Damaged part



4-stroke piston ring grooves & bar blow pass damage

After remanufacturing



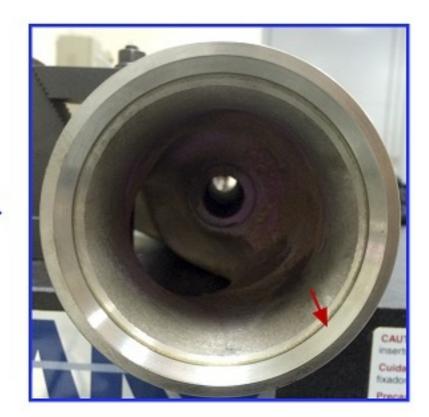


Our remanufacturing process will typically involve inspections, machining, laser-powder-cladding and other support processes.





Valve cage with worn seating area



Rebuilt seat





Fuel pump housing with worn inner bore



Rebuilt housing inner bore

For applications not listed, please contact us at sales@laser-clad.com.

A wide range of other solutions are available by laser-powder-cladding.

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Laser Cladding Centers:



Singapore

Germany

Remanufacturing Applications for Turbochargers

Track record for remanufacturing the following high-value turbocharger components by laser-powder-cladding:



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Laser Cladding Centers:



Remanufacturing Applications for Shafts

Track record for remanufacturing various types of high-value shaft components by laser-powder-cladding:

Worn / Damaged part

After remanufacturing



Pump shaft scoring and pitting along shaft length



Our remanufacturing process will typically involve inspections, machining, laser-powder-cladding and other support processes.



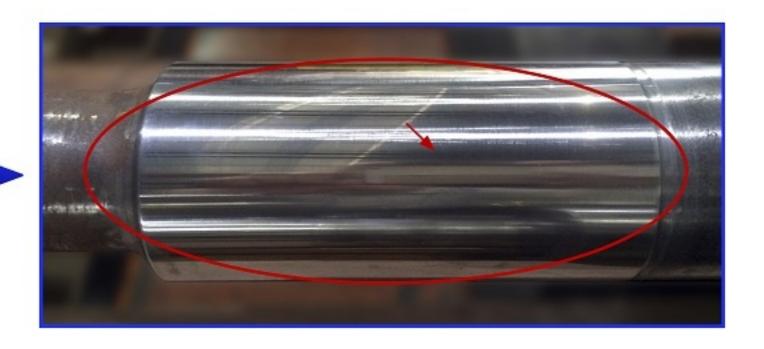




Oil purifier shaft with worn taper







Intermediate compressor shaft with damage to bearing journal

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LASERCLADDING Singapore Pte Ltd

LASERCLADDING Germany GmbH

Laser Cladding Centers:



Remanufacturing Applications Above/Below Deck

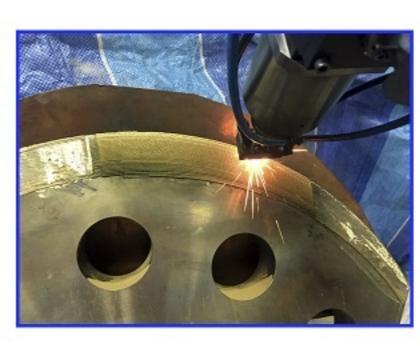
Track record for remanufacturing various types of high-value above/below deck components by laser-powder-cladding:

Worn / Damaged part



CPP blade foot landing porosity

After remanufacturing

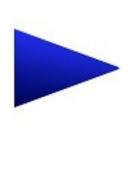




Our remanufacturing process will typically involve inspections, machining, laser-powdercladding and other support processes.



Crane Swivel shaft with damaged thread and shank



Completely rebuilt shank and thread



Mooring winch shaft journal wear

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Rebuilt journal

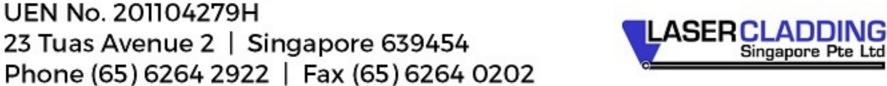


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A wide range of other solutions are available by laser-powder-cladding.

Certified by: **DNV·GL**

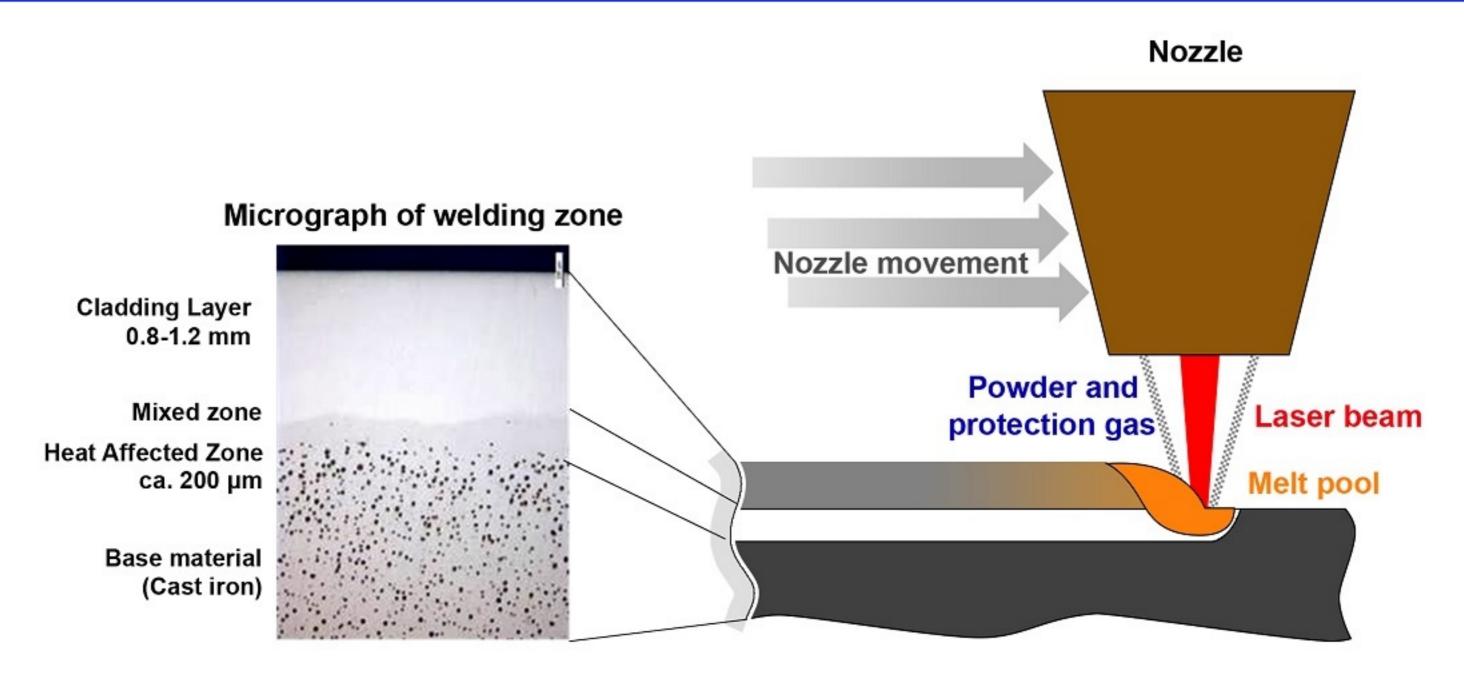
Laser Cladding Centers:



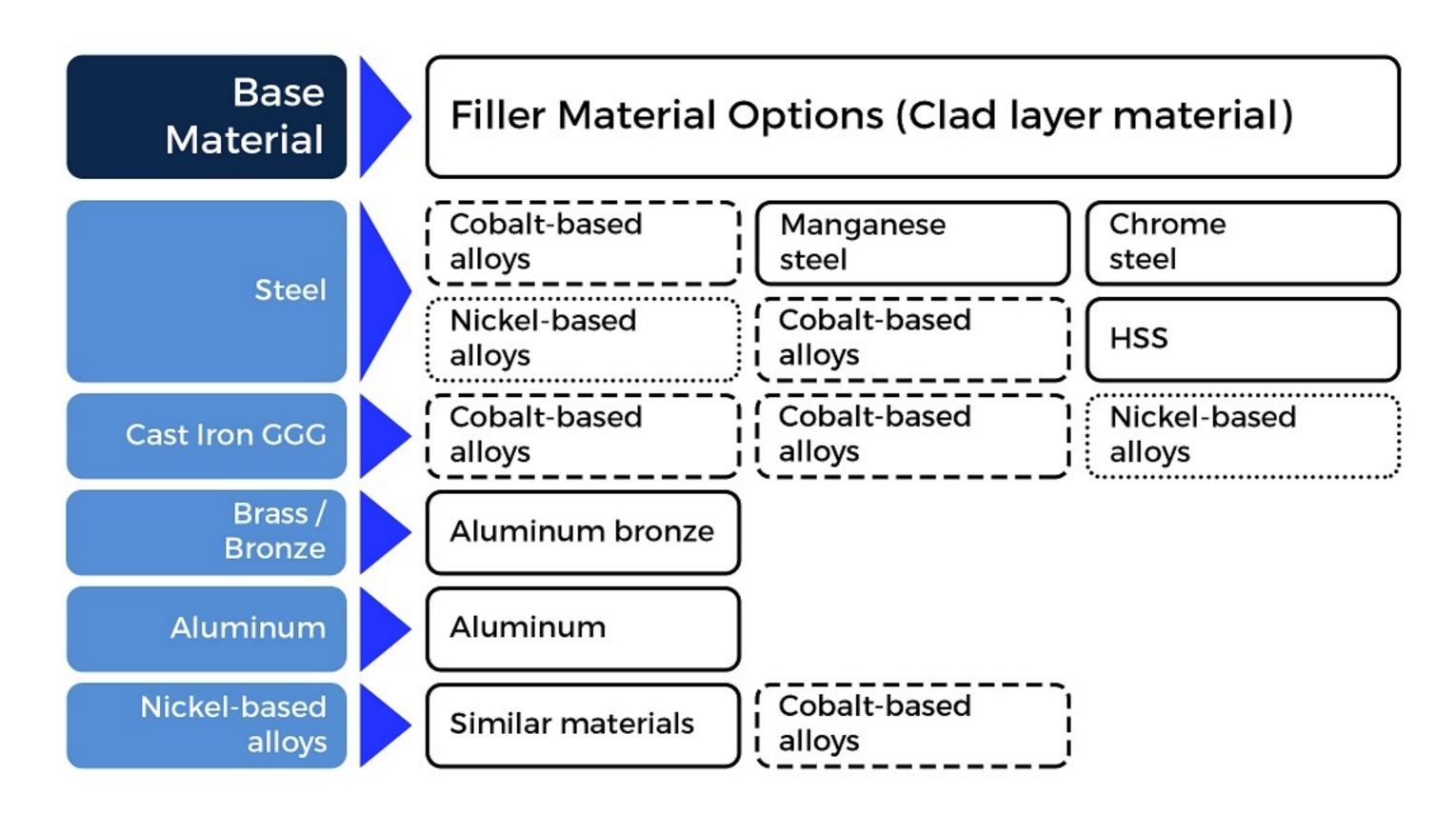


Germany





Various filler materials can be applied onto base materials in order to enhance quality and durability of the original component:



Laser Powder Cladding can be used to remanufacture to 4-stroke pistons, turbocharger shafts, housings, casings, pump shafts, purifiers, propeller blades, valve cages and other high value mechanical components.

For applications not listed, please contact us at sales@laser-clad.com.

A wide range of other solutions are available by laser-powder-cladding.

LASER CLADDING
Germany GmbH

Laser Cladding Centers:



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Singapore