

*Did you know that laser cladding uses a highly concentrated beam, minimizing heat distortion to the base material*



# Laser Cladding & Hard Facing

[www.weservices.com.au](http://www.weservices.com.au)

WES-Laser Cladding was added to our services in 2023 enabling us to offer a complete solution for our clients.

Almost all types of metallic components can be laser clad using a large variety of cladding powders, whether it is for wear resistance, corrosion resistance or restoration of worn components, there is likely to be a cladding combination that will have your components and equipment back into service in no time.

Being part of WES and within the Wittenbaker Engineering workshop in Henderson, all pre and post machining processes can be performed in-house, saving on time and transport costs. Our large range of lathes, milling machines, boring machines, overhead cranes, skilled machine operators and stringent quality controls following ISO 9001 standards will ensure your project will flow smoothly from start to finish.

## Common Laser Cladding & Hard Facing applications

- ◆ Worn Pump Shafts
- ◆ Pump impellers and diffusers
- ◆ Hardfacing of valves and seats
- ◆ Corroded gate valve stems
- ◆ Gearbox pinions and shafts
- ◆ Truck Diff housings and axles
- ◆ Hard Chroming alternative
- ◆ Hardfacing of down hole tools for mining and exploration
- ◆ Rock tools

