Busa®CLAD – our latest wear protection technology

Busatis developed its innovative hardfacing technology Busa®CLAD for heavy duty components in wear intensive industries.

Special features of Busa®CLAD:

- Variable coating thickness (0.2 mm to 2 mm in one layer) at highest tensile bond strength
- Fused metallurgical bonding between coating and substrate material
- Low dilution, heat affected zone and distortion because of controlled heat input
- Partially claddings even at shoulders and cutting edges
- Lowest allowance and minimal rework due to near net shape coatings
- High hard material contents at uniform particle distribution
What kinds of components are suitable for Busa® CLAD?

- Complex components
- Minimum material thickness: 4 mm
- Maximum length of component: 1,500 mm

On which substrate materials Busa® CLAD can be applied?

All weldable ferrous materials in form of

- Rolled products
- Casting materials
- Forged parts

Further materials on request

What are typical hardfacing materials of Busa® CLAD?

- Various matrix alloys reinforced with hard materials and metallurgical precipitated hard phases
- Further materials on request

Production and Quality. Busatis manufactures its products on the most modern, automated, and robot-controlled systems and meets the strictest quality specifications. Making use of its expertise and technical equipment, Busatis is able to manufacture all products with consistent high quality.