

ESAB Low Heat Hardfacing Alloys:

Hard facing involves protecting parts exposed to different types of wear in order to obtain certain specific wear resistance. Hardfacing is primarily used to restore worn out parts back to usable condition in order to extend their service life but it can be successfully employed in new component manufacture as well. This technique will help in manufacturing a component from cheaper material with wear resistant overlay providing the surface properties. The effectiveness of any Hardfacing alloy depends of its suitability in the operating conditions.

So the appropriate Hardfacing alloy has to be selected considering the following aspects:

- ✚ The wear factors
- ✚ The base material of the component
- ✚ The surface finish required

