

**MALLOY**

405



**ULTIMATE  
ABRASION+  
TEMPERATURE  
RESISTANT  
ELECTRODE**

*MALLOY makes  
maintenance*

**EASIER, FASTER and  
MORE RELIABLE**

*to significantly*

**LOWER COSTS  
SAVE PARTS and  
REDUCE DOWNTIME**

- *Superior wear resistance than Tungsten Carbides but is cheaper.*
- *Retains high hardness up to 800°C, replacing STELLITE in many cases .*
- *Let you weld pass over pass without chipping the slag off.*

# 405

## SPECIAL ADVANTAGES

**Malloy 405 - Ultimate abrasion+temperature resistant electrode** has been engineered to greatly extend the operational life of your equipments.

- It deposits an austenitic matrix containing a high amount of special abrasion resistant complex carbides.
- Withstands severe fine particle abrasion.
- It is also excellent in wear applications at high temperatures.
- Let you replace costly STELLITE in many cases.
- Provides full benefits with only two passes.

## SUPERIOR PROPERTIES

- Very high average hardness, equal to 64-68 HRC.
- Carbides hardness inferior only to diamond.
- High hardness retention up to 800°C.
- Deposits are smooth and porosity free.
- Good corrosion resistance.

## APPLICATIONS

**Malloy 405** provides its benefits in all these cases:

- Screw conveyors • Valves • Exhaust fans • Mixer blades or paddles • Slurry pumps • Ash plows • Coke and clinker crushers • Furnaces equipments • Ladles for hot materials • Elevator bucket tips • And many others...

*For information about MALLOY products applications, or solutions for your specific problems, don't hesitate to contact us via web: [www.malloy.it](http://www.malloy.it), or e-mail: [info@malloy.it](mailto:info@malloy.it), or your local distributor.  
We will be glad to do our best in assisting you.*

