

# Sugar Mill Kit (SMK) Machine

For Welding Professionals



**Specially designed welding  
equipment for hardfacing of  
sugar rolls**



The Sugar Mill Kit (SMK) is a portable welding machine designed to weld crusher rolls used in the sugar industry. With this lightweight piece of automated equipment, you can carry out arcing, rebuilding and teardrop welding of the sugar rolls to optimise crushing efficiency and prolong service life. The machine can also be used for welding other components used in sugar mills, such as trash plates.

Our SMK machine, combined with our hardfacing welding wires dedicated to the sugar industry, provides an advanced wear solution for sugar mills operating across the globe.

## Why choose this solution?

- Easy and repeatable programming
- Easy setup and installation
- High quality weld deposits
- High productivity
- Built for use on-site or in workshop jobs



## Key Features

- Intuitive handheld pendant control
- Tool-less assembly
- Two axis motion
- Twin wire welding
- Brushless motors with high power and very high precision motion
- Easy angle adjustment of the welding torches

## Additional Options

- Water cooled welding kit
- Twin wire-feed with wire straightener
- Fast oscillators
- Interface with power source
- Interface with rotary device
- Fume extraction
- Gas shielded welding gun kits
- Basic SAW equipment

## Control System D3 Pendant with 4" screen

The D3 Pendant control box uses the latest generation D3 technology and is the main control system used to operate most of our modular and portable welding equipment. Small, light and easy to use, it has everything needed to perfectly execute even the most precise welds.



[contactus@welding-alloys.com](mailto:contactus@welding-alloys.com)  
[www.welding-alloys.com](http://www.welding-alloys.com)

