

# Roll Cladder Machine

For Welding Professionals



**High performance welding machine for cladding and hardfacing of rolls**



This automated welding machine for the cladding and hardfacing of rolls offers robust hardware and high levels of performance, combined with our advanced operating software. With the Roll Cladder, you can complete the welding of the journal, steps, and the roll body in a single continuous operation.

Our standard range of Roll Cladder Machines now includes the R1000, the R3000 and the R6000 models, each of which offers a different level of design to cope with larger, heavier rolls. All the models in this range can be equipped with either a single or multiple welding heads and allows for a choice of cladding single rolls or two rolls at a time, based on the scale of your operation.

## Why choose this solution?

- Achieves perfect quality welded materials
- High productivity and accuracy
- Easy operator interface
- Storage of WPS and programs
- Modular design allowing additional heads and stations



## Key Features

- Multiple welding heads
- Robust construction
- Multiple weld patterns: stringer, square wave, oscillation, chevron and spiral welding beads
- Various welding processes: FCAW-S, FCAW-G, GMAW, SAW
- Multiple roll capabilities: continuous casting rolls, hot strip mill rolls, pinch rolls, coiler rolls, top zone rolls

## Additional Options

- Water cooled welding kit
- Additional welding head
- Twin wire-feed unit with wire straightener
- Fast oscillators
- Interface with power source
- Fume extraction
- Gas shielded welding gun kits
- Automatic flux recovery system
- D3 Pendant

## Control System D3 Touch

D3-Touch from Welding Alloys is a touch screen based control technology for automation allowing effective and efficient implementation of fully automated welding techniques and processes. Welding Alloys incorporates new technology into all Welding Alloys machines, improving performance and accuracy of the welding process. This technology complements the precision engineering mechanics resulting in maximum performance from our welding machines.



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