

Flat Plate Cladder Machine

For Welding Professionals



A robust machine specially designed for plate cladding



This automated Flat Plate Cladder offers a turnkey package for the manufacture of hardfaced plates, combining weld assembly, tables and an easy to use control system. It can be configured to suit the scale of your welding requirements, from using a single welding head to multiple heads, for cladding of a single plate or two plates simultaneously.

The machine provides outstanding levels of accuracy and reliability and can be used to weld multiple bead profiles, achieving perfect bead geometry, which minimises post-weld plate processing. High levels of plate cladding productivity and consistent quality results can be achieved with our Flat Plate Cladder.

Why choose this solution?

- Achieves perfect quality welded materials
- Maximum productivity
- Easy operator interface
- Storage of Welding Procedure Specification(WPS) and Programs
- Multiple weld patterns: stringer beads, oscillated, sine waves
- Adaptable to various welding processes



Key Features

- Dedicated for plate cladding applications
- Heavy-duty constructions
- Constant surface speed
- Open arc welding
- Seam jump function to stop welding at the junction of the plate
- High accuracy
- Multiple welding heads
- Various welding processes: FCAW-S, FCAW-G, GMAW, SAW

Additional Options

- Water cooled welding kit
- Additional welding head
- Twin wire-feed unit with wire straightener
- Fast oscillators
- Interface with power source
- Fume extraction
- Drop carbide hoppers
- Gas shielded welding gun kit
- Sub-arc welding kit
- D3 Pendant control

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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