

H-Frame Machine

For Welding Professionals



A cost-effective, modular weld surfacing machine



Our H-Frame automated, multi-purpose welding machine offers exceptional versatility for hardfacing and cladding of surfaces. This modular machine can be customised and configured for use in almost any workshop environment. It is available in a heavy duty frame for larger scale welding or a light duty frame option, suitable for smaller scale welding operations.

The machine can be used in a range of industries such as cement, steel, power, agriculture, oil & gas, mining. The H-Frame is designed for a broad range of applications including: flat welding, roller welding, spiral or stepover welding – chevron or sine wave, single or oscillated bead. The H-Frame can also be used with multiple welding heads operating simultaneously, offering versatility in the components it can weld.

Why choose this solution?

- Repeatable programming
- High quality weld deposits
- High productivity
- Adaptable to different workshop sizes



Key Features

- Five easily adaptable configurations
- Lightweight or Heavy Duty configurations
- Up to 7 axis movement
- 2D Shape welding software

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.



Additional Options

- Water cooled welding kit
- Twin wire-feed with wire straightener
- Fast oscillators
- Interface with power source
- Arc welding screen
- Fume extraction
- Gas shielded welding gun kits
- Sub-arc welding kit
- Automated flux recovery
- Rotary table
- Positioners
- Welding lathes
- Manipulators and flat welding tables
- D3 pendant control

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