



MIG HARFACING



HARDBANDING

Flux cored arc welding is a semi-automatic/automatic consumable electrode process that uses an inert gas to protect the electrode, the weld puddle and the surrounding area from oxidation.

The electrode is in the form of solid or flux cored wire, and is fed automatically maintaining a constant arc length.

Relatively high deposition rates with excellent quality welds are normally obtained.

The process is suitable for automated repetitive weld overlay requirements.

The shielding gas can be argon, helium or mixtures with CO₂ etc depending on the requirements.

The consumable is in the form of a wire typically 1..2 mm or 1.6 mm. One variation is the use of tubular metal cored wires containing metallic alloying elements plus de-oxidants in powder form in the core.

The process is extensively used for repair and resurfacing of railway crossings, crushing hammers in cement plants, coal crushing hammers in power plants and concast rolls in steel plants GMA W can be used to clad bores of pipes and valves with openings less than 25 mm with wear and corrosion resistant alloys.

Welding Automation Range of Products : • Welding Gun • Oscillator (weld weaver) • Cold wire feeders • Seam trackers • AVC • Cameras and video displays • X-Y slides (manual and motorized) • Welding turntables • Welding positioners • Welding Turning Rolls • Welding lathes • Column and boom (manipulators)

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Note : Specifications subject to change without notice