

AUTOMATED WELD. FLEXIBLE GUIDE WITH OSCILLATOR



WK 61 GFD

Welding automaton Guide/rail automaton

The WK 61 GFD is a digital version of the WK 7 W GFA, it has the same characteristics of the WK 7 W GFA, but is controlled by means of a digital panel which allows a reduction in the size and weight of the automaton.

It has a flexible guide that can be adapted to any contour of the workpiece.

The fixation of this guide is done by magnets with an ON / OFF device which greatly facilitate the work assembly and disassembly of the guides. The automaton has an oscillator with multiple adjustable modes .

Main features

Butt / fillet weld for curved parts and flexible rail pull with panel and remote control.

Limit switches on both sides of the automat to stop the trolley movement and welding.

Magnetic movement: 4 wheels with flexible guide and minimum curvature of 3 meters in two dimensions and magnets with magnetic on / off release for easy assembly/ disassembly.

Equipped with a motor-reducer that provides constant and precisely adjustable speed to achieve the highest welding quality and useful life.

Precise oscillation control to achieve constant oscillations, maintaining weld quality.

Programmable speed in cm / min or inches / min.

Fully digital control panel.

Technical data

• Model	WK 61 GFD
• Power	AC 100V-230V
• Frequency	50/60 Hz
• Dimensions	334 X 224 X 273
• Weight	8.0 KG
• Engine	DC24V, 12W, 5000 RPM
• Reducer	1000:1
• 4-wheel drive method	
• Speed	0-98 CM/MIN
• Amplitude of oscillation	16°

• Oscillation speed	0-5 RPM
• Stop time in extremes	0.0-9.9 SEG.
• Distance for remote control operation	10M
• Magnetic fixing of the rail Magnets	ON / OFF
• Rail length	1,5M
• Rail weight	3,4 KG
• Material	MC Nylon