

## AUTOMATED WELD. FLEXIBLE GUIDE WITH OSCILLATOR



### WK 7W GFA

#### Welding robots Guide / rail robots

For each type of welded joint, WK offers an automated system, and WK 7W GFA is a good example. It is a magnetic automaton with a flexible guide that adapts to any contour of the workpiece.

The fixation of this guide is done by magnets and an ON / OFF device which greatly simplifies 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 switch sensors on both sides of the automat to stop the trolley and workpiece from moving.

Magnetic translation with 4 wheels with flexible guide with a minimum curvature of 3 meters in two dimensions and magnetic release magnets for easy assembly and disassembly.

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

Precise oscillation control to achieve constant oscillations while maintaining welding quality.

Programmable speed in cm / min or inches / min

### Technical data

• Model	WK 7W GFA	• Oscillation speed	0-5 RPM
• Power	AC 100V-230V	• Stop time in extremes	0.0-9.9 SEG.
• Frequency	50/60 Hz	• Distance for remote control operation	10M
• Dimensions	334 X 224 X 273	• Magnetic fixing of the rail magnets	ON/OFF
• Weight	8.0 KG	• Rail size	1,5M
• Engine	DC24V, 12W, 5000 rpm	• Rail weight	3,4 KG
• Reducer	1000:1	• Material	MC Nylon
• Scroll method	4 Traction wheels		
• Speed	0-98 CM/MIN		
• Oscillation amplitude	16°		