

Primary features and benefits

- Multi-surface guiding
- Time and cost-saving
- Consistent, perfect welds
- Quick clamping torch holder
- Heat resistant silicone wheels
- Easy setup with magnet on/off lever
- Self-guiding roller arms, no track needed
- User-friendly design for even novice welders
- Convenient power supply (115V - 230V, 50/60Hz)
- Precise torch adjustment with screw drive cross slide
- Reduced wasted filler metal - eliminates over welding
- Maintenance-free 4-wheel drive with worm gear reduction



Produces consistent, high-quality welds every time: The WeldyFi is the perfect welding carriage for a variety of applications. It's compact and portable design makes it easy to transport to and from job sites, and its easy-to-use controls make it perfect for even inexperienced welders. The WeldyFi also produces consistent, perfect welds, which can help you save time and money on your welding projects.

Simplified operation with advanced control panel: Experience effortless control with the WeldyFi's user-friendly interface. The control panel features a basic left and right direction switch, along with a volume-type speed control knob.

Constant speed control verified by motor feedback: The advanced controller on the WeldyFi has adopted an advanced motor feedback control with the use of a servo drive. This maintains a constant carriage traveling speed under any load. Changes in load, either from the weight of welding equipment or a transition to a vertical position will not slow down the carriage or allow its speed to fluctuate.

WeldyFi Portable Welding Carriage

Model	WeldyFi
Power source	AC 110V - 230V, 50/60Hz
Power	22W
Travel speed	5 ~ 1100 mm/min
Up/down angle	45°± 10°
Running angle	±10°
Range of working angle	360°
Motor	DC 110V, 30W, 4200rpm
Guiding system	Fillet tacking guide roller
Max wheels heating allowed	70°C
Welding method	Continuous welding
Torch support	Universal with quick attach
Driving system	Four-wheel drive rubber tires, motor encoder with planetary gearbox
Traction	4-wheel drive, solid rubber tires
Types of welds	Fillet, v-groove, overhead, out of position, submerged arc
Ground clearance	5.5 mm
Magnet type	Lifting handle integrated
Magnetic force	35 kg
Torch holder diameter	16 ~ 25 mm
Dimensions	220*280*230 mm
Weight	8.5 kg

Contents of package: Host x 1pc, 1 set of Regulated power supply DC24V, standard power cord 20m, two-core plug (connecting torch cable 5m) 1 set, fuse 3A (3 pcs), allen wrench (M3, M4, M5, M6) each.

Strong and versatile magnet: With a 110 lb permanent magnet, this device delivers powerful pulling force for horizontal and vertical welding applications. Its lever-operated design enables easy detachment from the plate when needed.

Durable and reliable roller system: The guide rollers are made of brass, which is a very durable material. They are mounted to a single-piece of carbon steel for even more durability. The roller is also protected against spatter due to its cooling traits. This means that the roller system is very reliable and will not easily wear out.

Durable and grippy rubber drive wheels: The heat resistant rubber drive wheels are made of a specialized rubber composition that provides good grip and reduces the need for replacement due to premature wear. The rubber is also heat resistant, making it ideal for use in high-temperature welding applications.

Smooth and precise cross slide: The smooth action cross slide allows for 2" of movement in either axis, providing precise control over weld height and distance. The smooth action ball screw reduces imperfections and ensures smooth, consistent movement.

Sealed and durable construction: The die-cast body and stainless-steel bottom plate ensure that all drive mechanisms are completely sealed from heat and elements commonly found in the welding environment. This makes the product durable and reliable, even in harsh conditions.

Stability on vertical surfaces: With a low center of gravity, this device offers exceptional stability, allowing for reliable performance even when climbing vertical surfaces.

Portable welding carriage for MIG/MAG welding operations in all positions. Quick-release torch clamp with adjustable diameter (0.5" to 1.5"), enhanced tension knob for high torque operation.



Durable rubber driving wheel with exceptional heat resistance and outstanding stability.



The WeldyFi is a high-performance welding carriage that works with any power source or torch brand. It produces consistent, repeatable results thanks to its advanced technology and versatility.

