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MOGGY & MAGNETIC MOGGY
PORTABLE FILLET WELDING TRAVEL CARRIAGE SYSTEM

Efficient...Effective...Versatile
The Gulco magnetic moggy is highly versatile and is ideally suited to a wide variety of welding applications, particularly in Tee fillet welding where there is not enough room for the carriage to run on the horizontal plate.

Ideal for automatic horizontal fillet, lap and butt welding operations

Controls are available to perform continuous and/or stitch weld operations

Dual gun holder assembly is available for efficient simultaneous welding

Wheels on the standard Moggy can be reversed to allow the moggy to run on standard v-groove track

The magnetic moggy has a magnetic base that clings to the vertical member for out of position applications

Specifications are subject to change without notice

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The Gullco Moggy is a highly reliable, versatile heavy duty travel carriage which is ideal for a wide range of applications. It can be adapted to automate and reduce welding and set up costs in a broad range of applications. Some typical configurations are shown below.

**Lap Joint Welding**
- The Moggy is performing a lap joint weld. It is guided by Industry Standard 6" (152.4mm) v-groove Track running parallel to the joint.

**Fillet Joint Welding**
- The Moggy performing a fillet weld using a template, guide or fence positioned parallel to the work piece. The actual workpiece is often used as the guide.

**Dual Gun Welding**
- Dual gun holder assembly mounted on the Moggy enables positioning of 2 guns and simultaneous activation of two wire feed signals. Moggy is guided by the workpiece.

**Butt Joint Welding**
- The Moggy is ideal for butt joint welding. Here the Moggy is using a fence to guide it accurately along the desired path. Standard v-groove track can also be used.

**Joint Tracking**
- Adjustable height guide roller assemblies are available to track joints with a vertical member higher or lower than the set height of guide roller wheels.

**Radial Oscillation**
- Replaces the standard gun holder assembly in order to weave the gun across the joint while the Moggy provides the weld travel motion.

### Precise Torch Alignment To The Seam
Adjustable guide rolls mounted on the front or back of the carriage monitor the slightest seam variations following straight or curved surfaces...maintaining optimum torch positioning. The carriage travels in forward or reverse direction at precisely controlled speeds.

### Accessories available
- **Model GK-194-O-330**: Radial Oscillator complete with bracketry for mounting on Gullco Moggy Carriage.
- **Model GM-01-064-06**: Adjustable Guide Roller Assembly enables joint tracking where the vertical member is lower/higher than set height of guide roller wheels.
- **Model GM-01-065**: Cutting Torch Holder Assembly enables automated torch cutting operations.

### Standard MODEL GM-03-050
(Magnetic Model GM-03-350)
- Moggy Carriage with control for **continuous** travel, and with forward/stop/reverse switch, wire feed start/stop switch, travel speed potentiometer, auto wire feed start with delay carriage start, travel speed displayed in LED window, wire feed connector with 15 ft. (4572mm) control cable.

### Standard MODEL GM-03-100
(Magnetic Model GM-03-300)
- Moggy Carriage with control for **continuous** or stitch welding, and with a control that uses a Gullco microprocessor to provide accurate repeatability regardless of travel speeds for weld distance on and weld distance off. It has a forward/stop/reverse switch, wire feed start on/off switch, travel speed potentiometer, auto wire feed start with delay carriage start, wire feed connector with 15 ft. (4572mm) control cable. All functions displayed in LED window.

### SPECIFICATIONS
- **Speed Range**: 6 to 115 in/min (15.2 to 292.2 cm/min)
- **Dimensions (Model GM-03-100)**:
  - Length: 16 in. (406.4 mm)
  - Width: 12 in. (311.1 mm)
  - Height: 11 in. (279.4 mm)
  - Weight: 30 lbs. (13.6kgs)
- **Visit us at**: www.gullco.com

Also available as a **SUBMERGED ARC MOGGY**

**SAM Submerged Arc Carriage...** shown set at 45° for beam welding application.