Automate Fillet, Lap, and Butt Welds with Precision
VERSITILE TRACKLESS AUTOMATION CARRIAGE FOR A VARIETY OF APPLICATONS
The Magnetic MOGGY® is intended to automate and improve the quality of welding and cutting operations by carrying the welding gun or cutting torch, at precisely controlled speeds, along the path of the joint as well as providing the interface between the welding and cutting motion and the arc start and stop signal. The Magnetic MOGGY® is normally guided by adjustable guide wheels which are used to keep a set distance from the joint path.

The carriage is flexible enough to allow it to be easily configured for horizontal lap, butt and fillet weld joints as well as a variety of cutting processes. The GM-03-300 model provides continuous mode welding and cutting and accurate distance stitch weld functionality, regardless of travel speed adjustment. Using the Magnetic MOGGY® automation carriage system will add accuracy and uniformity to welding and cutting operations while increasing productivity. Typical applications include shipbuilding, offshore construction, steel fabrication industries, etc.

MAGNETIC MOGGY CARRIAGE - GM-03-300
Magnetic 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 an LED window.
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.

Dual gun holder assembly mounted on the MOGGY® enables positioning of two guns and simultaneous activation of two wire feed signals. MOGGY® is guided by the workpiece.

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.

Replaces the standard gun holder assembly in order to weave the gun across the joint while the MOGGY® provides the weld travel motion.

Accessories available:
GK-194-O-330 - Radial Oscillator complete with bracketry for mounting on Gullco MOGGY® Carriage.

GM-03-059 - Adjustable Guide Roller Assembly enables joint tracking where the vertical member is lower/higher than set height of guide roller wheels.

GM-01-065 - Cutting Torch Holder Assembly enables automated torch cutting operations.

GM-01-070 - Dual Gun Holder Assembly enables the use of two independently positioned welding guns with two wire feed signals simultaneously activated.

Also available as a SUBMERGED ARC MOGGY®

For more information on the submerged arc welding carriage and other products visit.

www.gullco.com
**SPECIFICATIONS**

**Speed Range:** 3 - 54 in/min (7.6 - 137 cm/min)

**Gun Positioning Slides:** 1-3/4” (44.5 mm)
Vertical and Horizontal Stroke

**Weight of MOGGY®:** 31 lbs. (14.1 kg)
complete with all attachments (single gun model)

**Supply Voltage:** Either 42, 115, or 230 VAC,
single phase, 50/60 Hz., 30 watts

**Drive Motor:**
24 VDC permanent magnet gear motor

**Drive Wheel Temp Range:**
-40˚F to 180˚F (-40˚C to 82˚C)

**Complies with:** C.S.A. & N.R.T.L.
(file #LR35006-8) & C.E. Certification.

**CARRIAGE DIMENSIONS**

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