SPECIFICATIONS

Speed Range: 5.8 - 115.178 in/min (14.6 - 292.552 cm/min). *Special speed range of 3 - 54 in/min (7.6 - 137 cm/min) is also available as a special request.

Maximum Incline: 30°

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:
-65°F to 450°F (-54°C to 232°C)

Complies with: C.S.A. & N.R.T.L.
(file #LR35006-4) & C.E. Certification.

CARRIAGE DIMENSIONS

<table>
<thead>
<tr>
<th>IMPERIAL</th>
<th>METRIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>25.00&quot;</td>
</tr>
<tr>
<td>B</td>
<td>9.57&quot;</td>
</tr>
<tr>
<td>C</td>
<td>7.25&quot;</td>
</tr>
<tr>
<td>D</td>
<td>14.01&quot;</td>
</tr>
<tr>
<td>E</td>
<td>Min 1.44&quot; Max 7.06&quot;</td>
</tr>
<tr>
<td>F</td>
<td>11.50&quot;</td>
</tr>
<tr>
<td>G</td>
<td>17.00&quot;</td>
</tr>
</tbody>
</table>

Ideal for automatic horizontal fillet, lap or butt welding applications

Control allows for both continuous or stitch welding operations

Dual gun holder assemblies make automated simultaneous welding efficient

MOGGY® wheels can be inverted to allow carriage to operate on v-groove track

The MOGGY® can be equipped with a variety of accessories including: weld oscillator, cutting torch attachment and internal radius guide wheels

Versatile Trackless Automation Carriage for a Variety of Applications

Automate Fillet, Lap, and Butt Welds with Precision

GULLCO

MG-16-01
The MOGGY® is intended to automate and improve the quality of welding and cutting operations by carrying the welding gun(s) or cutting torch(es), at precisely controlled speeds, along the path of the joint. The MOGGY® carriage also provided interface between the welding and cutting motion and the arc start and stop signals. The automation carriage is normally guided by adjustable guide wheels which are set to always drive the carriage slightly into the vertical member (usually either the vertical member of a fillet joint or a template/fence placed parallel to the joint). Industry standard 6” v-groove track may also be used to guide the path of the MOGGY®. 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.

Using the MOGGY® automation carriage system will add accuracy and uniformity to welding and cutting applications while increasing productivity. Typical applications include shipbuilding, offshore construction, steel fabrication, etc.

Standard MODEL GM-03-100
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.