

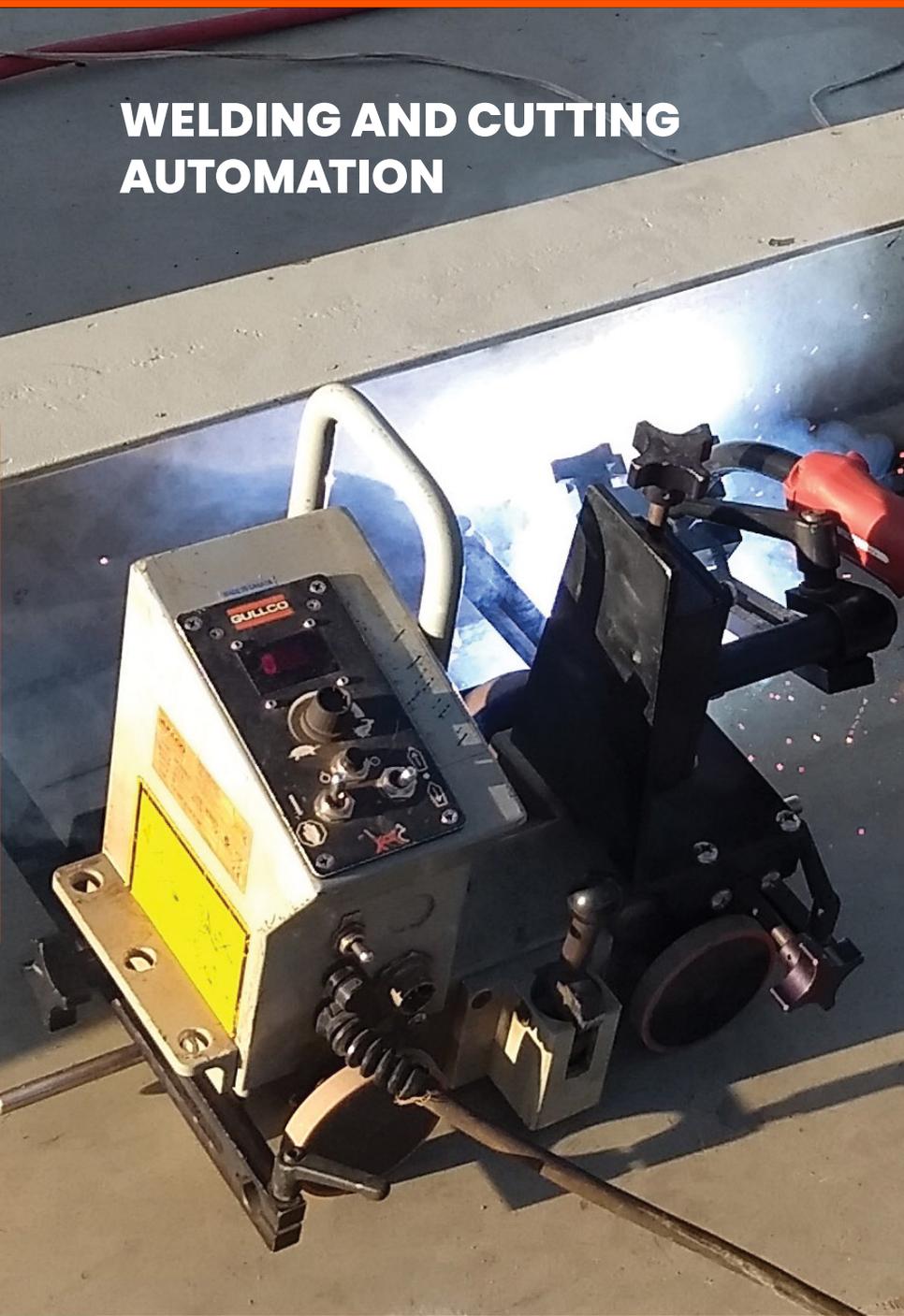
The GULLCO logo consists of the word "GULLCO" in a bold, white, sans-serif font, centered within a horizontal orange bar. A small registered trademark symbol (®) is located at the bottom right of the bar.

**GULLCO INTERNATIONAL**  
WELDING AND CUTTING AUTOMATION

# MOGGY® AUTOMATION CARRIAGE

PRODUCTIVITY – DURABILITY – SERVICE

## WELDING AND CUTTING AUTOMATION

A detailed view of the MOGGY automation carriage in operation. The carriage is a complex mechanical assembly with a control panel on top, featuring a digital display and several knobs. It is mounted on a track and is currently welding a metal plate, with bright sparks and a blue flame visible from the welding torch. The background shows a dark industrial setting with other machinery.

The Gullco MOGGY® is used throughout the world to automate a wide variety of welding and cutting operations. The MOGGY® is durable and robust with many features which include:

- ✓ Tool-less Setup, Adjustment & Operation
- ✓ Energy Efficient 24V DC Motor for safety
- ✓ Universal Compatibility to all welding power sources and wire feeders
- ✓ Tack feed back for accurate weld distance and stitch weld spacing
- ✓ Weld step back function
- ✓ Programmable pre-flow and post-flow settings
- ✓ Run on V-Groove track
- ✓ Can be setup to weld at the front, center or back of the carriage
- ✓ Operates in forward or reverse

The MOGGY logo is a stylized, white, hand-drawn style font. The letters are thick and rounded, with a playful, slightly irregular appearance. The word "MOGGY" is written in all caps.

# MOGGY® AUTOMATION CARRIAGE

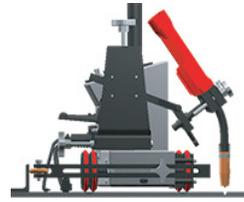
## FEATURE RICH ENGINEERED DESIGN



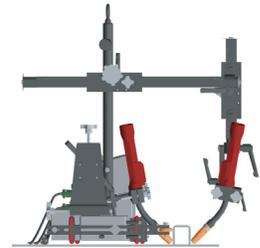
**FILLET JOINT WELDING**



**LAP JOINT WELDING**



**BUTT JOINT WELDING**



**DUAL TORCH WELDING**



✓ **COPPER GUIDE WHEELS**

Guide wheels are configured to follow the materials vertical member or the plate edge to guide the carriage during operation.



✓ **QUICK RELEASE INSULATED TORCH HOLDER**

Detach and re-attach the Torch Holder quickly and accurately.



✓ **LED DISPLAY**

Highly visible during welding for easy adjustment.



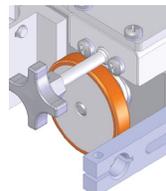
✓ **FINE ADJUSTMENT SLIDES**

Precise control over torch positioning and adjustments.



✓ **MAGNETIC GUIDE RAIL - 3 O'CLOCK**

Constant bevel angle and root face are maintained throughout the bevel

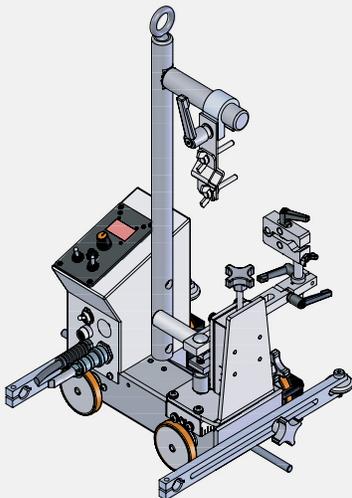


✓ **SILICON DRIVE WHEELS**

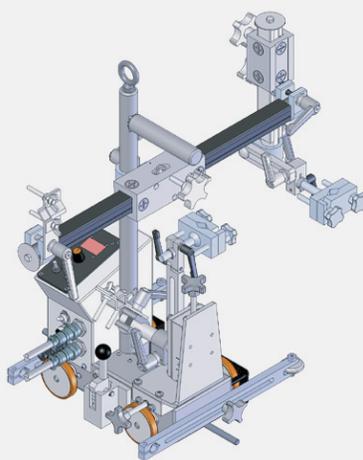
Removeable wheels provide excellent traction on a variety of surfaces at a temperature range of -65°F to 450°F (-53.8°C - 232.2°C)

## FOUR TYPES OF MOGGY®

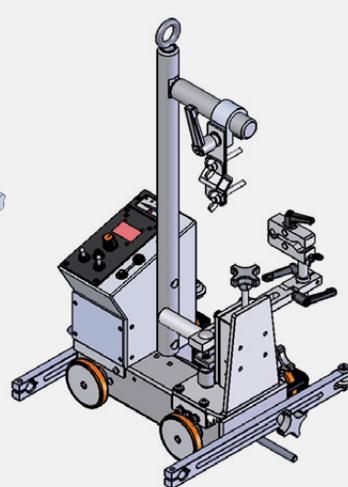
**STANDARD CARRIAGE**  
CONTINUOUS AND STITCH  
WELDING FUNCTIONS



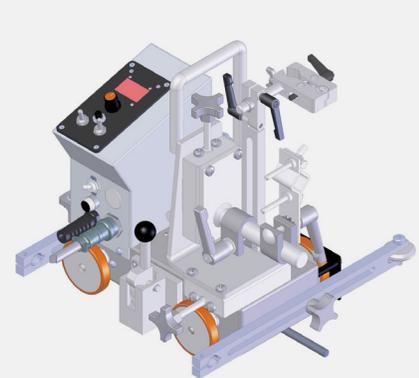
**DUAL TORCH CARRIAGE**



**BATTERY POWERED CARRIAGE**

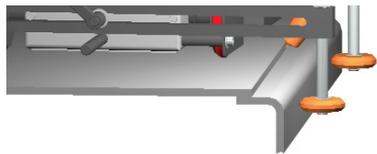


**MAGNETIC CARRIAGE**  
ADDED STABILITY AND  
VERTICAL OPERATION



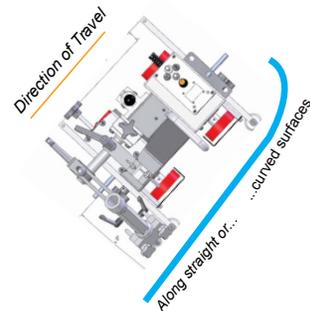
✓ **Precise Torch Alignment To The Seam**

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 as the carriage travels.

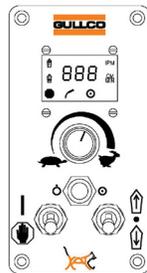


Carriage wheel assemblies maintain constant guide roll pressure on vertical component.

The MOGGY® guide roller assemblies can be configured in a variety of ways enabling extreme versatility.



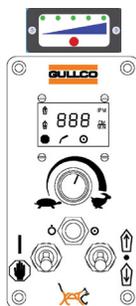
**TRACKLESS WELDING CARRIAGE - MOGGY®**



**GM-03-100 - STANDARD CARRIAGE  
GM-03-200 - DUAL TORCH CARRIAGE**

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.

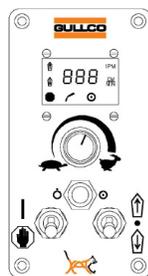
**TRACKLESS WELDING CARRIAGE - MAGNETIC MOGGY®**



**GM-03-300 - MAGNETIC CARRIAGE  
GM-03-400 - DUAL TORCH MAGNETIC CARRIAGE**

Magnetic base allows for out of position welding applications. Ideal for automatic horizontal fillet, lap or butt welding applications. Control allows for continuous or stitch welding operations. Dual gun holder assemblies make automated simultaneous welding efficient.

**BATTERY POWERED TRACKLESS WELDING CARRIAGE - MOGGY®**



**GM-05-100 - STANDARD CARRIAGE  
GM-05-200 - DUAL TORCH CARRIAGE  
GM-05-300 - MAGNETIC BASE  
GM-05-400 - DUAL TORCH MAGNETIC BASE**

Ideal for safety related applications with mandatory 50V or less. Automatic fillet, lap or butt welding applications. 9h Battery life during standard welding applications. Full battery charge in 1h 30 mins from 0%. Control allows for both continuous or stitch welding operations. Dual gun holder assemblies make automated simultaneous welding efficient.

✓ **The MOGGY® can be equipped with a variety of accessories including:**

- Weld oscillator
- Cutting torch attachment
- Internal radius guide wheels

**MOGGY® ACCESSORIES**

- **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.



**WELD OSCILLATOR**



**SUB ARC TORCH**



**MAGNETIC GUIDE WHEELS**



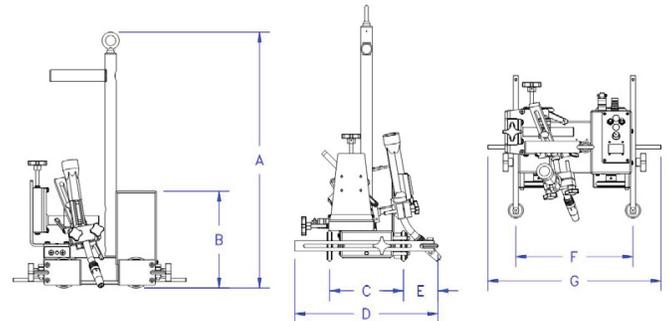
**V-GROOVE TRACK**

**ALSO AVAILABLE AS A SUBMERGED ARC MOGGY®**  
 For more information on the submerged arc welding carriage and other products visit, [gullco.com](http://gullco.com)



**STANDARD CARRIAGE DIMENSIONS**

|          | IMPERIAL            | METRIC                  |
|----------|---------------------|-------------------------|
| <b>A</b> | 25.00"              | 635.0 mm                |
| <b>B</b> | 9.57"               | 243.1 mm                |
| <b>C</b> | 7.25"               | 184.2 mm                |
| <b>D</b> | 14.01"              | 355.7 mm                |
| <b>E</b> | Min 1.44" Max 7.06" | Min 3.6 mm Max 179.3 mm |
| <b>F</b> | 11.50"              | 292.1 mm                |
| <b>G</b> | 17.00"              | 431.8 mm                |



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL DIMENSIONS ARE NORMAL.

MOGF2204

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