

**SUBMERGED ARC WELDING CARRIAGE - SAM®**

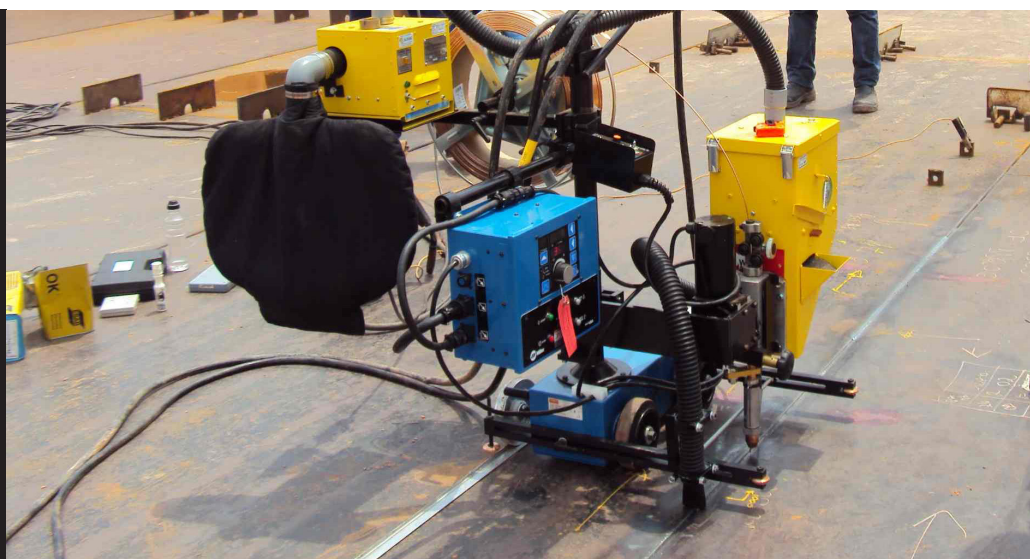
The versatility and reliability of the Gullco MOGGY® trackless travel carriage system and a variety of quality engineered components combine to provide a highly flexible self-contained welding unit. This SAM® unit is designed to produce precision, quality Submerged Arc or MIG welds.

The SAM® Carriage, friction drive heavy-duty welding carriage, with positive chain drive on four (4) rubber tired wheels using a closed loop tack feedback for accurate speed control. The carriage controlled by the Gullco low voltage 24 volt GSP microprocessor pulse width modulation motor control, all mounted in a remote pendant control box attached to 8 ft. (243.84 cm) control cable housing the GSP control providing the forward/stop/reverse switch and infinitely variable 4-turn speed potentiometer. LED display in IPM or cm/min. An interface cable assembly allows the Miller HDC 1500 DX to control the run/stop function of the SAM® Carriage. A manual clutch enables free wheeling. The carriage comes complete with a main mounting mast and handle assembly, mounting arm for one wire reel. All the mounting arms are equipped with quick jaw mast clamp assembly; vertical and horizontal manual 4" x 4" slides (with hardened ground rods with sleeve bearings for ease of adjustment). Control support arm and one (1) set (two[2]) adjustable guide roll arms. For operation on either 42/115/230 volts, single phase, 50/60 Hz AC power supply. Specify voltage when placing order - B = 115 V, C = 230 V.

SAM® Carriage comes in a model for mounting customer's supplied single sub-arc package. Carriage specifications same as Model **GM-02-295**. No welding equipment is supplied.

*Automate Submerged Arc Welding Applications*

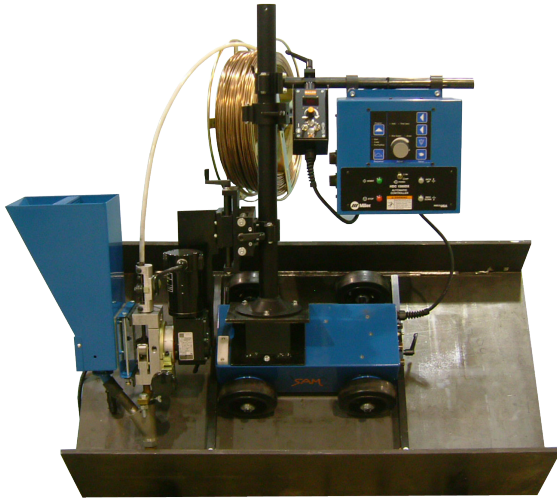
HEAVY DUTY SAM® TRACKLESS WELDING CARRIAGE FOR SUBMERGED ARC AND MIG WELDING



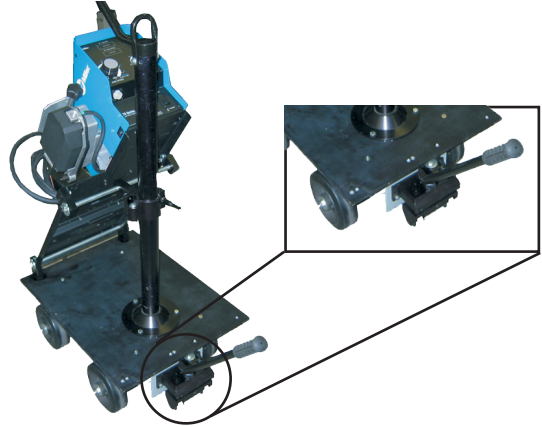
## SPECIFICATIONS

### GM-02-250 SAM® Heavy-Duty Friction Drive Carriage

The carriage specifications are the same as that of the GM-02-295, but provided with 17" x 22" (43.18 x 55.89 cm) aluminum plate providing full flat mounting surface for customer's supplied wire feeder.



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



**SAM® Heavy-Duty MIG Carriage...**Shown supplied with optional steering mechanism and mast assembly

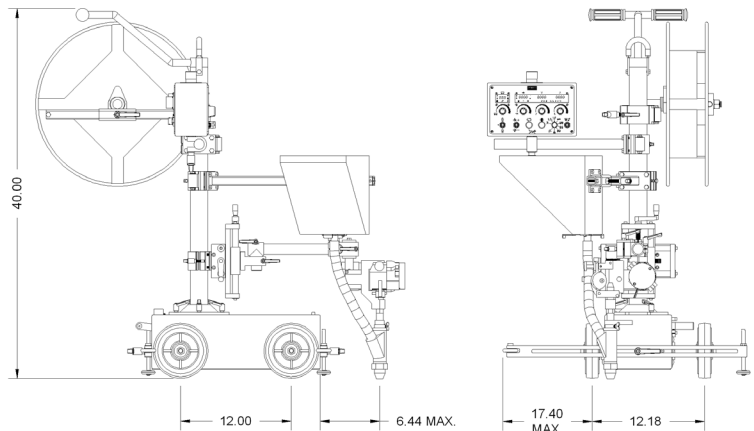
Special track and wheels

-available upon request.

Power Supply: For operation on either 42/115/230 volts, single phase, 50/60 Hz AC.  
(Specify voltage when placing order - B = 115 V, C = 230 V).

Speed Range: 4 to 66.1 IPM (10 to 168 cm/min)

Weight: 172 lbs (78 kg)



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**GULLCO**

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