

PROCESS

EQUIPMENT

CONSUMABLES

Total Aluminum Welding solutions from Lincoln Electric[®] provide a complete answer to your aluminum MIG welding needs.

- igoplus Power Wave $^{ ext{ ext{ iny R}}}$ advanced welding systems provide the best equipment for robotic aluminum welding.
- FANUC[®] Robotics ServoTorch[™] is a fully-integrated, servo-controlled, wrist-mounted, four-roll "Pull" wire feeder.
- FANUC[®] Heat Wave[™] software option for optimum welding of dissimilar thicknesses, and TIG-like bead appearance.
- Super Glaze[®] aluminum consumables deliver a smooth surface finish, a stable arc, and excellent feedability.
- Nextweld[®] welding processes beat all of the challenges you face with aluminum welding.

Put it all together and you have the TOTAL s2f[™] welding system - delivering a soft aluminum arc, consistent and conditioned starting and ending, as well as improved cleaning action for a superior weld on tough aluminum jobs from Start–2–Finish.



The TOTAL s₂f[™] Aluminum welding solution!



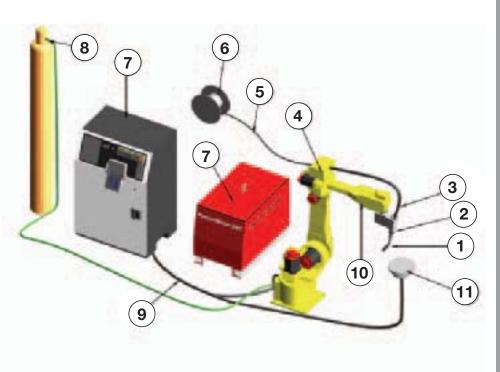
PROCESS

EQUIPMENT

CONSUMABLES



- $\underbrace{ 1 }_{ \begin{array}{c} \text{Quick Change Torch Tregaskiss}^{ \mathbb{R} } } \text{ or } \\ \text{Binzel}^{ \mathbb{R} } \text{ compatible } \\ \end{array} }$
- (2) ServoTorch Four-Roll Drive
- (3) ServoTorch Utility Cable (Servo Control Cables, Welding Cable, Water, Gas)
- (4) Utility Junction Box
- 5 Insulated Weld Wire Conduit with Quick Connections
- 6 Optional 16-lb. Welding Wire Spool or Large Spool Configuration
- 7 Robot Control Cabinet with Optional Integrated Welding Power Supply
- 8 Gas supply
- 9 Robot Connection Cables, Gas Line, Weld Power Lead
- (10) ARC Mate 100iB or 120iB Series Arm
- (1) Work Lead



PROCESS

CONSUMABLES

The Super Glaze® Consumable Advantage

For superior welding performance, turn to Super ${\rm Glaze}^{\circledast}$ aluminum MIG wire from Lincoln Electric $^{\circledast}.$

Super Glaze[®] minimizes the problems usually associated with aluminum wire feeding such as birdnesting, tangling and burnback to provide a stable arc, great feedability and exceptional control - every time you weld! The keys are Super Glaze's smooth surface finish and consistent chemical composition. What this means for you is quality wire that produces a quality weld, Start-2-Finish.

Product Choices Available		
Alloys	Diameters (in.)	Packages
1100	.030	1 Lb. Spools
4043		16 Lb. Spools
4047	.035	20 Lb. Spools
5183	244	200 Lb. Box
5356	3/64	
5554	1/1/	275 Lb. Box
5556	1/16	300 Lb. Box

Note: Not all alloys available in all diameters in all packages.

