Auto-Continuum™ Systems

See literature AU/10.0

Next generation automation welding solution delivers advanced arc performance to improve throughput and weld quality.

Auto-Continuum 500 shown with robot arm (not included) and Auto-Continuum wire drive motor assembly.

Close-up of Auto-Continuum wire drive motor assembly (left-hand drive).

More power — better reliability. Up to 26 percent more welding output (than competitive models) for demanding industrial applications.

AUTO-LINE™ TECHNOLOGY Allows for any input voltage hookup (230–575 V, three-phase) with no manual linking, providing convenience in any job setting. Ideal solution for dirty or unreliable power.

Improve work environment and reduce spatter. Versa-Pulse and Accu-Pulse processes reduce fume generation, and by precisely controlling the welding arc they also reduce spatter size and quantity. Fume generation can be reduced up to 50 percent over traditional CV MIG.

- **Versa-Pulse** is a fast, low-heat, low-spatter process for high-speed automation on thin materials and is great for gap filling.
- **Accu-Pulse** is better for out-of-position welds, provides higher deposition rates and is designed for thicker materials than Versa-Pulse.

Easy communication from robot to power source.

Designed for easy integration with fixed and flexible automation.

Fleet standardization. Auto-Continuum can be used for both automation and hand-held applications.

Welding Intelligence.™ Get more done, produce higher-quality welds and control costs.

- **Insight Core™** (standard) gives owners/managers visibility of welder productivity, so they can make informed decisions to drive improvements (see page 70).
- **Insight Centerpoint™** (optional) gives real-time guidance to welders, so less training is required and weld quality is improved (see page 71).

Heavy industrial ● CV DC 3 Phase

Processes

- Accu-Pulse® MIG (GMAW-P)
- Versa-Pulse™ • RMD® • MIG (GMAW)
- High-deposition MIG (GMAW)
- Flux-cored (FCAW)

Most popular accessories

- Insight Centerpoint™ Software (pg 71)
- Auto-Continuum Robotic MIG Kit
  301455
  Consists of 25 ft. (7.6 m) motor control cable, 15 ft. (4.6 m) 90-degree motor control extension cable, 15 ft. (4.6 m) weld cable, flowmeter regulator, 30 ft. (9.1 m) gas hose, 9.8 ft. (3 m) Ethernet cable, .035/.045-inch V-groove drive roll kit with guides, 30 ft. (9.1 m) weld wire conduit assembly, and 10 ft. (3 m) conduit and clamps (for mounting motor control cable, weld cable and gas hose)
- Wire Drive Motor Mounting Brackets
  300013 FANUC®/KUKA®/Motoman®
  300483 FANUC® 100 and 120 IC
- Motor Control Cables
  263368025 25 ft. (7.6 m)
  263368050 50 ft. (15 m)
  263368080 80 ft. (24.4 m)
  263368100 100 ft. (30.5 m)
- 90-degree Motor Control Extension Cables
  281554015 15 ft. (4.6 m)
  281554025 25 ft. (7.6 m)
- EtherNet/IP™ Communication Cables
  300734 9.8 ft. (3 m)
  300736 32.8 ft. (10 m)
- DeviceNet Communication Cable
  300021 20 ft. (6.1 m)
- DeviceNet to Analog Adapter
  301547

Visit MillerWelds.com or your distributor for other Miller® options and accessories.

**While idling.*

Model/Stock Number	Amp/Volt Ranges	Rated Output	Amps Input at Rated Output, 50/60 Hz, 3-Phase 230 V	380 V	400 V	460 V	575 V	KVA	KW	Max. Open-Circuit Voltage	Dimensions (Includes lift eye)	Net Weight
Auto-Continuum 350 **(907656)** 230–575 V **(907658)** 230–575 V with auxiliary power	20–400 A 10–44 V	350 A at 31.5 VDC, 100% duty cycle	36.7 0–1*	21.8 0–1*	20.8 0–1*	18.8 0–1*	14.6 0–1*	14.4 0.8*	13.8 0.17*	72 VDC	H: 27.187 in. (691 mm) W: 17.5 in. (444 mm) D: 28.22 in. (717 mm)	130 lb. (59.4 kg)
Auto-Continuum 500 **(907657)** 230–575 V **(907659)** 230–575 V with auxiliary power	20–600 A 10–44 V	500 A at 39 VDC, 100% duty cycle	57.6 0–1*	34.7 0–1*	33.2 0–1*	28.9 0–1*	23.3 0–1*	23.1 0.8*	21.9 0.17*	72 VDC		150 lb. (69 kg)

Model/Stock Number	Input Power	Input Welding Circuit Rating	Wire Feed Speed	Wire Diameter Capacity	Dimensions	Net Weight
Auto-Continuum Wire Drive Motor Assembly **(301207)** Left-hand drive	50 VDC	500 A at 100% duty cycle	Standard: 50–1,000 ipm (1.3–25.4 m/min.)	.035–5/64 in. (0.9–2.0 mm)	H: 8.75 in. (222 mm) W: 10 in. (254 mm) D: 10 in. (254 mm)	16.5 lb. (7.5 kg)