



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.

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

Note: As the technological advances offered by Auto-Continuum extend beyond the capability of Access® systems, the two systems are not compatible. Continuum systems are designed to allow future upgradability, to expand with your operation's needs.

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™ Increase productivity, improve quality and manage costs.

- **Insight Core™** (standard) is a simplified, Internet-based welding information solution that reports cell productivity and weld parameter verification
- **Insight Centerpoint™** (optional) is an advanced, real-time feedback solution to ensure consistent weld quality and actively detects a bad weld when it happens, reducing rework costs and improving quality

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
- Auto-Continuum Robotic MIG Kit 301455
Consists of 7.6 m (25 ft.) motor control cable, 3.7 m (12 ft.) motor control extension, two 9 m (30 ft.) weld cables, 3.7 m (12 ft.) weld cable extension, 9 m (30 ft.) gas hose, flowmeter regulator, 5 m (16.4 ft.) Ethernet cable, 0.9/1.2 mm (.035/.045-in.) V-groove drive roll kit with guides, and conduit assembly with quick disconnects.
- Wire Drive Motor Mounting Brackets
301276 ABB® 1600
301277 ABB® 2600
300483 FANUC® 100 and 120 IC
300013 FANUC®/KUKA®/Motoman®
301282 KUKA® KR5 HW
301275 KUKA® KR16 HW
300375 Motoman® EA1400
300376 Motoman® EA1900
- Motor Control Cables
263368025 7.6 m (25 ft.)
263368050 15 m (50 ft.)
263368080 24.4 m (80 ft.)
263368100 30.5 m (100 ft.)
- EtherNet/IP™ Communication Cables
300734 3 m (9.8 ft.)
300735 5 m (16.4 ft.)
300736 10 m (32.8 ft.)
- DeviceNet Communication Cables
300020 2.7 m (9 ft.)
300021 6.1 m (20 ft.)
- Analog Interface 301547

*While idling.

Model	Stock Number	Amp/Volt Ranges	Rated Output	IP Rating	Amps Input at Rated Output, 50/60 Hz, 3-Phase								Max. Open-Circuit Voltage	Dimensions (Includes lift eye)	Net Weight
230 V	380 V	400 V	460 V	575 V	KVA	KW									
Auto-Continuum 350	(907656) EtherNet/IP™ (907658) EtherNet/IP™ with auxiliary power (907660) EtherNet/IP™, CE	20–400 A, 10–44 V	350 A at 31.5 VDC, 100% duty cycle	IP23	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*	75 VDC	H: 691 mm (27.187 in.) W: 444 mm (17.5 in.) D: 717 mm (28.22 in.)	59.4 kg (130 lb.)	
Auto-Continuum 500	(907657) EtherNet/IP™ (907659) EtherNet/IP™ with auxiliary power (907661) EtherNet/IP™, CE	20–600 A, 10–44 V	500 A at 39 VDC, 100% duty cycle	IP23	58.7 0–1*	34.9 0–1*	33.2 0–1*	28.9 0–1*	23.3 0–1*	23.1 0.8*	21.9 0.17*	75 VDC		69 kg (150 lb.)	
Auto-Continuum Wire Drive Motor Assembly (301207) Left-hand drive, CE (301208) Right-hand drive, CE		Input Power	Input Welding Circuit Rating	IP Rating	Wire Feed Speed		Wire Diameter Capacity		Dimensions		Net Weight				
		50 VDC	500 A at 100% duty cycle	IP23	Standard: 1.3–25.4 m/min. (50–1,000 ipm)		0.9–2.0 mm (.035–5/64 in.)		H: 222 mm (8.75 in.) W: 254 mm (10 in.) D: 254 mm (10 in.)		7.5 kg (16.5 lb.)				