Continuum™ Systems

See literature DC/36.0

Next generation of advanced industrial welding solutions improves productivity through weld quality, ease of use and system flexibility.

Continuum 350 shown with Continuum single-wire feeder. Filler metal sold separately.

More power — better reliability

Up to 26 percent more welding output (than competitive models) for demanding industrial applications.

Power source design

Smart and powerful digital design has the fast response needed to deliver the most stable welding performance for better welding results.

Flexible to meet current and future needs with integrated expansion capabilities.

Welding Intelligence.™ Increase productivity, improve quality and manage costs with Insight Core™ (standard) and Insight Centerpoint™ (optional) welding information management systems.

Feeder design

Tru-Feed™ technology provides precise feeding operation for stable arc performance.

- **Low-inertia motor** provides faster response for the best arc starts with the least amount of spatter
- **Balanced-pressure drive-roll design and tensioners** feed wire in its truest and straightest form for consistent feedability, resulting in better welding performance

User interface makes the system easy to set up and adjust with minimal training.

Continuum Processes

Best For	Standard Spray	High-Deposition MIG	Accu-Pulse	Versa-Pulse	Short Circuit	RMD
Deposition	A	A	A	B	D	D
Gap Filing	D	D	B	B	A	A
Low Heat Input	D	C	B	A	A	A
Out-of-Position Welds			A	B	B	B
Low Spatter	A	A	A	B	C	B
Thick Metals	A	A	A	C	D	D
Thin Metals			B	A	A	A
Increased Travel Speed	A	A	A	A	B	C
HOT → COLD						

Ratings A, B, C, and D *are relative values. An "A" rating indicates a best fit between your performance needs and process. A "blank" rating indicates that the process is not recommended for that application.*

Accu-Pulse *is the most popular process for majority of industrial welding applications.*

Versa-Pulse *is a fast, low-heat, low-spatter process designed for thin-material applications.*

RMD *is a low-heat modified short-circuit process designed to fill gaps with thin-material applications.*

High-deposition MIG *provides increased deposition rates over standard spray on thicker materials.*

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

Heavy industrial ● CC/CV DC 3 Phase

Processes

- Accu-Pulse® MIG (GMAW-P)
- Versa-Pulse™ ▪ RMD® ▪ MIG (GMAW)
- High-deposition MIG (GMAW)
- Flux-cored (FCAW)
- Air carbon arc gouging (CAC-A)

Most popular accessories

- Bernard™ MIG Guns
- Insight Centerpoint™ Software
- Continuum Running Gear/Cylinder Rack 301264
- Continuum Integrated Cooler
  301214, **CE**
  Mounts to bottom of Continuum power source. Does not require external power.
- Continuum Control/Motor Cables
  263368003 0.9 m (3 ft.)
  263368015 4.6 m (15 ft.)
  263368020 6.1 m (20 ft.)
  263368025 7.6 m (25 ft.)
  263368050 15 m (50 ft.)
  263368080 24.4 m (80 ft.)
  263368100 30.5 m (100 ft.)
- Industrial MIG 4/0 Kit 300390
- Continuum Feeders
  301195 Single
  301195010 Single, **CE**
  301199 Dual
  301199010 Dual, **CE**
- Continuum Swingarc™ Boom Single
  301219 2.4 m (8 ft.)
  301220 3.7 m (12 ft.)
  301221 3.9 m (16 ft.)
  ROI Single
  301227, **CE**
  Boom Dual 3.7 m (12 ft.) 301223
  ROI Dual 301434, **CE**
- Pipe Post
  149838 1.2 m (4 ft.)
  149839 1.8 m (6 ft.)

**While idling.*

Model	Stock Number	Amperage/ Voltage Range	Rated Output	Amps Input at Rated Output, 50/60 Hz, 3-Phase 230V	380V	400V	460V	575V	KVA	KW	Max. Open-Circuit Voltage	Net Weight *(power source only)*
Continuum 350	**(907636)** 230-575 V Machine only **(907636001)** 230-575 V w/running gear **(907645)** 400 V, **CE**	20-400 A, 10-44 V	300 A at 34 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*	75 VDC	57.6 kg (127 lb.)
Continuum 500	**(907640)** 230-575 V Machine only **(907640001)** 230-575 V w/running gear **(907648)** 400 V, **CE**	20-600 A, 10-44 V	500 A at 40 VDC, 100% duty cycle	34.9 0-1*	– –	33.2 0-1*	28.9 0-1*	23.3 0-1*	23.1 0.8*	21.9 0.17*		67.1 kg (148 lb.)

Model	Stock Number	Input Power	Input Welding Circuit Rating	Wire Feed Speed	Wire Diameter Capacity	Max Spool Size Capacity	Dimensions	Net Weight
Continuum Feeder only	**(301195)** Single-wire model **(301195010)** Single-wire model, **CE** **(301199)** Dual-wire model **(301199 010)** Dual-wire model, **CE**	50 VDC	500 A at 100% duty cycle	Standard: 1.3-25.4 m/min. (50-1000 IPM)	0.9-2.0 mm (.035-5/64 in.)	457 mm (18 in.), 27 kg (60 lb.)	H: 351 mm (13.812 in.) Single W: 414 mm (16.312 in.) Dual W: 432 mm (17 in.) D: 754 mm (29.687 in.)	**Single** 19.5 kg (43 lb.) **Dual** 27.9 kg (61.5 lb.)