

# 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 push-only MIGRunner package shown (motor cable not pictured).

## 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.

## 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™** 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).

## 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-friendly interface** makes the system easy to set up and adjust with minimal training.

Heavy industrial 

## Processes

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

## MIGRunner™ packages include

- Continuum power source
- **Push-only pkg:** Continuum single-wire feeder with Bernard® BTB Gun 400 A and .035/.045 in. V-groove drive rolls
- **Push-pull pkg:** Continuum dual-wire feeder with XR-Aluma-Pro Plus gun and .035/.047 in. U-groove drive rolls, and Bernard® BTB Gun 400 A and .035/.045 in. V-groove drive rolls
- Continuum running gear/cylinder rack and handles/cable hangers
- 3 ft. (0.9 m) control/motor cable
- Industrial MIG 4/0 kit consisting of flowmeter regulator(s) with 10 ft. (3 m) gas hose(s), 10 ft. (3 m) 4/0 feeder cable with lugs, and 15 ft. (4.6 m) work cable with 600-amp C-clamp

## Wire feeding options

- Continuum Feeders\* (see chart below)
- Continuum Swingarc™ Boom-Mounted Feeders\*
  - 951635 12 ft. (3.7 m) single-wire
  - 951636 16 ft. (4.9 m) single-wire
  - 951725 12 ft. (3.7 m) dual-wire

\*Feeders include a Bernard BTB Gun 400 A (two with dual-wire models) and .035/.045 in. V-groove drive rolls.

▪ See literature DC/36.0 for additional booms and options


## Most popular accessories

- Bernard® MIG Guns (pg 25–26)
- Insight Centerpoint™ Software (pg 71)
- Continuum Running Gear/Cylinder Rack 301264 (pg 119)
- Industrial MIG 4/0 Kits (with lug connectors) (pg 121)
- Continuum Integrated Cooler 301214 Mounts to bottom of power source – does not require external power
- Continuum Control/Motor Cables
  - 263368003 3 ft. (0.9 m)
  - 263368015 15 ft. (4.6 m)
  - 263368025 25 ft. (7.6 m)
  - 263368050 50 ft. (15 m)
  - 263368080 80 ft. (24.4 m)
  - 263368100 100 ft. (30.5 m)

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

## Continuum Processes

Best For	Standard Spray	High-Deposition MIG	Accu-Pulse	Versa-Pulse	Short Circuit	RMD
Deposition	A	A	A	B	D	D
Gap Filling	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.

\*While idling.

Model	Stock Number	Amp/Volt Ranges	Rated Output	Amps Input at Rated Output, 50/60 Hz, 3-Phase					Max. Open-Circuit Voltage	Power Source Dimensions (Includes lift eye)	Power Source Net Weight		
				230 V	380 V	400 V	460 V	575 V	KVA	KW			
<b>Continuum 350</b>	(951852) 230–575 V push-only MIGRunner package	20–400 A 10–44 V	350 A at 31.5 VDC, 100% duty cycle	36.7	21.8	20.8	18.8	14.6	14.4	13.8	71 VDC	H: 27.187 in. (691 mm) W: 17.5 in. (444 mm) D: 28.125 in. (714 mm)	127 lb. (57.6 kg)
	(951865) 230–575 V push-pull MIGRunner package (907636) 230–575 V power source only (907636001) 230–575 V with running gear/cylinder rack			0-1*	0-1*	0-1*	0-1*	0-1*	0.8*	0.17*			
<b>Continuum 500</b>	(951853) 230–575 V push-only MIGRunner package	20–600 A 10–44 V	500 A at 39 VDC, 100% duty cycle	57.6	34.7	33.2	28.9	23.3	23.1	21.9	71 VDC		148 lb. (67.1 kg)
	(951866) 230–575 V push-pull MIGRunner package (907640) 230–575 V power source only (907640001) 230–575 V with running gear/cylinder rack			0-1*	0-1*	0-1*	0-1*	0-1*	0.8*	0.17*			

Model/Stock Number	Input Power	Input Welding Circuit Rating	Wire Feed Speed	Wire Diameter Capacity	Maximum Spool Size Capacity	Dimensions	Net Weight
<b>Continuum Feeder</b> (951631) Single-wire model (951673) Dual-wire model	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)	18 in. (457 mm), 60 lb. (27 kg)	H: 13.812 in. (351 mm) Single W: 16.312 in. (414 mm) Dual W: 17 in. (432 mm) D: 29.687 in. (754 mm)	Single: 43 lb. (19.5 kg) Dual: 61.5 lb. (27.9 kg)