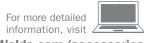
# ••• Accessories



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#### **Automated MIG**

For adapters and drive motors, visit MillerWelds.com.



#### Coolant Flow Switch 195461

For Auto-Axcess and
External Cladding Head.
To ensure coolant is flowing in the system. Lack of

coolant flow may cause damage to water-cooled guns. Module allows wiring into the peripheral connector port. 50-foot (15.2 m) cable with connector and separate shell connector for simple modification to desired length in the field. It can be mounted on Auto-Axcess or as desired elsewhere. Quarter-turn quick connection.

#### MCS-2 Motorized Cross Slide

**098380** Control

045623 Adapter Plate\*

Provides accurate weld head adjustment with convenient motorized control. Used to align the welding head (gun) to the weld joint, by providing vertical or horizontal adjustments, based on mounting preferences.

\*Required when using two slides.

# AWC cable. Kit includes one

#### Tweco®-Style Connector 191981

Accepts #1/0 to #2/0

AWG cable. Kit includes one Tweco-style male plug which attaches to the work and/or weld cables and plugs into the Tweco-style receptacles on the power source.



#### Dinse/Tweco® Adapter 042465 Dinse/Cam-Lok Adapter 042466

One-piece adapter with Dinse-style male plug (to power source) on one end and

Tweco or Cam-Lok female receptacle (for weld cable connection) on other end.



#### Tweco®/Dinse Adapter 210061

One-piece adapter with Tweco-style male plug (to power source) on one

end and Dinse-style female receptacle (for weld cable connection) on other end.  $% \label{eq:connection}%$ 





#### Feeder Cart 142382

A low-profile, creeper cart which allows the operator to easily move the feeder around the work area.



### Carrying Cart 056301

For wire feeders, XMT, CST 280 and smaller Maxstar/Dynasty. Cart is 34 inches high x 30 inches wide x 17 inches deep (864 x 762 x 432 mm).



#### Cylinder Cart 042537

For Invision, XMT and CST 280. Has adjustable handles and is slanted for convenient access to power source front panel controls. Carries two 160-pound (72.6 kg) gas cylinders with feeder mounted to tray above power source. Accommodates Coolmate 3 or 4 coolant system.



### Universal Cart and Cylinder Rack 042934

For Invision 352 MPa, XMT 304/350, CST 280, Diversion, Maxstar 210/280 and Dynasty 210/280. Also accommodates a single gas cylinder up to 56 inches

(1,422 mm) high measuring 6 to 9 inches (152 to 229 mm) in diameter. Provides storage for auxiliary items such as electrodes, helmets and gloves.



#### Running Gear/Cylinder Rack 301239

For Millermatic 125 Hobby/141/ 190/211, Multimatic 200/215 and Diversion. Heavy-duty construction with 8-inch rubber rear wheels. Convenient front handles, cable holders and plastic consumable box.

For gas cylinders no greater than 7 inches (178 mm) in diameter or 65 pounds (29.5 kg) in weight.



#### Dual EZ-Change™ Low Cylinder Rack with Elevated Gun and Cable Rack 300337

For Millermatic 212 Auto-Set/252 and Syncrowave 210. Allows operators to easily roll cylinders on and off the rack with no lifting. Gun and cable rack keeps cables off the floor and tangle free.

#### Elevated Gun and Cable Rack 300335

For Millermatic 212 Auto-Set/252 and Syncrowave 210. For use with single-cylinder rack. (Included with Dual EZ-Change Low Cylinder Rack.)



#### Dual Cylinder Rack 195299

For Millermatic 350P/ 350P Aluminum. Replaces single-cylinder rack.



#### Shopmate 300 Running Gear/ Dual Cylinder Rack 300145

For Shopmate 300 DX. The large 10-inch (254 mm) rear wheels and 5-inch (127 mm) front casters on this running

gear provide excellent mobility on the shop floor, making it easier to move the power source. Very easy to install. Handles double as a cable holder. Holds two cylinders.

### Cable Connectors and Adapters

Also see Torch and Weld Cable Connectors in TIG Accessories on page 121.

For Invision 352 MPa, AlumaFeed System, XMT 304/350, CST 280, Maxstar, Dynasty and Syncrowave. These power sources are equipped with Dinse- or Tweco-style connectors for secondary connections. Power sources are shipped with two male plugs for use with #4 to #1/0 AWG cable.

#### **Dinse-Style Connector Kits**

**042418** Accepts #4 to #1/0 AWG cable **042533** Accepts #1/0 to #2/0 AWG cable
Kits include one male Dinse-style plug which attaches to
the work and/or weld cables and plugs into the Dinse-style
receptacles on the power source.

#### **Extension Kit for Dinse-Style Cable Connectors**

**042419** Accepts #4 to #1/O AWG cable Used to adapt or extend weld and/or work cables. Kit includes one male Dinse-style plug and one in-line female Dinse-style receptacle.

#### **Extensions for Dinse-Style Cable Connectors**

134460 Male Dinse-style plug

**136600** Female Dinse-style receptacle Used to adapt or extend weld and/or work cables.

Accepts #1/0 to #2/0 AWG cable.

## Accessories •••



#### MIGRunner™ Cart 195445

For Invision, AlumaFeed system, and XMT with single feeders. Small footprint and easily maneuverable, with a dual-cylinder rack low enough that you do not have to lift bottles. Durable, heavy-duty ergonomic handles are designed for comfort.



#### **Running Gear Cylinder Rack** 300408

For Invision, Axcess 300/450, Dimension 650, and XMT with single or dual feeders. Holds two large gas cylinders and has gun cable hangers and a consumable drawer in front. A convenient handle allows the cart to be pulled easily through doorways. Power source and single or dual feeders can be mounted to cart and secured.



Continuum Running Gear/ Cylinder Rack 301264 For Continuum 350/500. Small footprint and easily maneuverable, with cylinder rack low enough that you do not have to lift bottles.



Shown with optional cylinder rack (042887).

#### **Standard Running Gear** and Cylinder Rack

042886 Running gear 042887 Cylinder rack For CP-302, Deltaweld, Dimension 302/452 and Gold Star. Running gear has 10-inch (254 mm) rear wheels and 5-inch (127 mm) front casters for excellent mobility

on the shop floor. Very easy to install. Handles double as a cable holder. Cylinder rack only installs on Standard Running Gear.



#### **Dimension 650** Running Gear 301307

For Dimension 650. Large 10-inch (254 mm) rear wheels and 5-inch (127 mm) front casters provide excellent mobility. Easy to install. Compatible with single and dual

70 Series feeders. Handles double as a cable holder. Note: Does not accommodate gas cylinders. Use Running Gear Cylinder Rack (300408) when gas cylinders are required.



#### Thunderbolt XL Running Gear 043927

For Thunderbolt XL. Mounts easily to unit and provides convenient portability. Includes two wheels, two feet and a handle.

\*May vary with torch design and

cable length. Miller coolant systems

are backed by the best warranty in

the industry - one full year.



#### 2-Wheel Trolley Cart 300971

For Maxstar 210/280 and Dynasty 210/280 with or without Coolmate 1.3. Easy-to-maneuver two-wheel cart features single-cylinder rack, chain for cylinder, straps (quick and easy to detach and carry machine), cable holders, torch holder, storage area, and filler rod storage area.



#### Small Runner™ Cart 301318 For Maxstar 210/280 and Dynasty

210/280 with or without Coolmate 1.3. Cart features single-cylinder rack, foot pedal holder, two cable/torch holders and two TIG filler holders.



#### Runner™ Cart 300244

For Maxstar 350/700 and Dynasty 350/700 with or without Coolmate 3.5. Cart features single-cylinder rack, foot pedal holder, three cable/torch holders and two TIG filler holders.



No. 37 Running Gear 195282 For Syncrowave 250 DX/350 LX. Includes two 10-inch (254 mm) wheels, two 5-inch (127 mm) casters, two-compartment rack for gas cylinders, and handles. Provides excellent mobility and easy to install.

# Coolant Systems See literature AY/7.2





**Coolmate™ 1.3 300972** 120 V Coolmate™ 3.5 300245 120 V

Coolmate 3

For Maxstar 210/280 and Dynasty 210/280. Light industrial, 1.3-gallon cooler designed for water-cooled torches on power sources rated up to 280 amps\*.

Coolmate™ 3 043007 120 V 043008 240 V Economical, 3-gallon cooler designed for water-cooled torches rated up to 500 amps\*.

For Maxstar 350/700 and Dynasty 350/700. Industrial, 3.5-gallon cooler designed for water-cooled torches rated up to 600 amps\*.

Coolmate™ 4 042288 120 V

Best performer in its class - industrial, 4-gallon cooler designed for water-cooled torches rated up to 600 amps\*.

#### Coolant

Sold in multiples of four in 1-gallon recyclable plastic bottles. Miller® coolants contain a base of ethylene



glycol and deionized water to protect against freezing to -37° Fahrenheit (-38°C) or boiling to 227° Fahrenheit (108°C).

#### **Low-Conductivity Coolant** (clear, pre-mixed) 043810

For TIG and MIG applications. NOT for use in push-pull systems or systems where aluminum is in coolant path/circuit.

#### **Aluminum-Protecting Coolant** (green, pre-mixed) 043809

Primarily used in push-pull systems where aluminum is in coolant path/circuit and high frequency is NOT used

						mgn nequency is 1101 used.			
Model	Motor Input Voltage	Maximum Current Draw	Maximum Cooling Capacity	IEC Cooling Capacity	Tank Capacity	Dimensions	Net Weight		
Coolmate 1.3	115 V, 60 Hz	4.7 A (60 Hz)	3,400 W (11,600 Btu/hr.) 3.8 qt./min. (3.6 L/min.)	1,330 W (4,540 Btu/hr.) 1.1 qt./min. (1 L/min.)	1.3 gal. (4.9 L)	H: 11.25 in. (286 mm) W: 10.38 in. (264 mm) D: 24 in. (610 mm)	43 lb. (20 kg)		
Coolmate 3	115 V, 50/60 Hz 230 V, 50/60 Hz	5.9 A (50 Hz), 4.7 A (60 Hz) 2.5 A (50 Hz), 3.0 A (60 Hz)	3,820 W (13,000 Btu/hr.) 4.2 qt./min. (4.0 L/min.)	1,420 W (4,840 Btu/hr.) 1.1 qt./min. (1 L/min.)	3 gal. (11.4 L)	H: 13.25 in. (337 mm) W: 12.25 in. (311 mm) D: 23.25 in. (584 mm)	40 lb. (18 kg)		
Coolmate 3.5	115 V, 50/60 Hz	5.9 A (50 Hz), 4.7 A (60 Hz)	4,140 W (14,000 Btu/hr.) 5.0 qt./min. (4.7 L/min.)	1,660 W (5,660 Btu/hr.) 1.1 qt./min. (1 L/min.)	3.5 gal. (13.2 L)	H: 11.75 in. (298 mm) W: 15.75 in. (400 mm) D: 26 in. (660 mm)	64 lb. (29 kg)		
Coolmate 4	115 V, 50/60 Hz	5.9 A (50 Hz), 4.7 A (60 Hz)	5,500 W (18,000 Btu/hr.) 5.9 qt./min. (5.6 L/min.)	1,780 W (6,070 Btu/hr.) 1.1 qt./min. (1 L/min.)	4 gal. (15 L)	H: 16.25 in. (413 mm) W: 15.25 in. (387 mm) D: 18.75 in. (476 mm)	38 lb. (17 kg)		

### ••• Accessories

#### **Engine Drive Accessories**

Also see Trailers on page 117 and HF Arc Starters on page 120.

#### **Big Blue Accessories**



**Cable Holder 043946**For Big Blue 500 Pro/600 Series/700 Duo Pro/800 Series.



#### Vandalism Lockout Kit 399802 Field

For Big Blue 500 Pro/600 Series/700 Duo Pro. Lockable hinged steel panels cover and protect name plate gauges and ignition switch (padlock included). Also includes engine compartment door lock and key.

#### **Blue Star Accessories**



**Lifting Eye 195353**For current model Blue Star 185.



#### Running Gear 301246

For **current model** Blue Star 185. Compact and balanced, lightweight wheelbarrow-style running gear provides easy onsite mobility.

#### **Bobcat and Trailblazer Accessories (Gas/LP)**



Multi-Terrain Running Gear 300913 Inner tubes 300914 Never Flat™ tires For gas/LP Bobcat and Trailblazer. Includes two heavy-duty 15-inch tires, two 8-inch rubber swivel casters and a heavy-duty handle. Recommended for

all surfaces and applications and is easy to move around the jobsite.



Off-Road Running Gear 300909 Inner tubes 300910 Never Flat™ tires For gas/LP Bobcat and Trailblazer. Includes four heavy-duty 15-inch tires and a rugged handle to provide maximum maneuverability.



#### Off-Road Running Gear with Protective Cage and Never Flat™ Tires 300912

For gas/LP Bobcat and Trailblazer. Running gear and rugged cage with cable holders protects your investment and is easy to move around the jobsite.



### Protective Cage with Cable Holders

**300921** For gas/LP Bobcat and Trailblazer.

**300473** For Trailblazer 302 Air Pak.

Rugged cage with cable holders protects your

investment. Works with Running Gear, Gas Cylinder Mounting Assembly or LP Tank Mounting Assembly.



#### Gas Cylinder Mounting Assembly 300918

For gas Bobcat and Trailblazer. Designed for use with Running Gear, Protective Cage, or by itself. Includes base tray with bottle bracket, vertical support rack and safety chain.

Note: Not for use with LP Tank Mounting Assembly. Not recommended for use with Protective Cover.



#### Hose and LP Tank Mounting Assembly 300917

For LP Bobcat and Trailblazer. Designed for use with Running Gear, Protective Cage, or by itself. Includes bracket and clamp to mount 33- and 43-pound

tanks horizontally, and hose with fittings to converter.

Note: Cannot be used with Gas Cylinder Mounting Assembly.

Not recommended for use with Protective Cover.



#### Remote Oil Drain and Filter Kit 300923 Field

For gas Bobcat and Trailblazer. Front mount for Kohler engines makes servicing easy when engine drive is mounted in tight spots.

#### **Bobcat and Trailblazer Accessories (Diesel)**



#### All-Purpose Running Gear with Never Flat™ Tires 300477

For diesel Bobcat and Trailblazer. Includes two heavy-duty 15-inch tires, two 8-inch rubber swivel casters and a heavy-duty handle. Recommended for

all surfaces and applications and is easy to move around the jobsite.



### Protective Cage with Cable Holders 195331

For diesel Bobcat and Trailblazer. Rugged cage with cable holders protects your investment. Works with Running Gear,

Gas Cylinder Mounting Assembly or with trailer. Note: Not for use with Protective Cover.



#### Gas Cylinder Mounting Assembly 195330

For diesel Bobcat and Trailblazer. Designed for use with Protective Cage, or by itself. Includes base tray with bottle bracket, vertical support rack and safety chain. Note: Not recommended for use with Protective Cover.

#### **Generator Accessories**





Female Receptacle

#### Full KVA Adapter Cord 300517

For Bobcat, Trailblazer and Big Blue models. NEMA 14-50P to NEMA 6-50R. Adapts engine drive 120/240-volt plug to common Millermatic and Spectrum 240-volt plug.



### Single-Phase Full KVA Plug Kit

For Bobcat, Trailblazer and Big Blue models. Can be wired for 120- or 240-volt loads.

#### Three-Phase Full KVA Plug Kit

165963 For Bobcat 3 Phase.

**254140** For Big Blue 500 Pro/600 Series/700 Duo Pro/800 Series.

#### **Protective Covers**



Protective covers (300919) and (195301) shown.

#### **Protective Covers**

Heavy-duty, water- and mildew-resistant covers protect and maintain the finish of the welder.

301245 For current model Blue Star 185.

**300919** For current model gas Bobcat and Trailblazer (except Air Pak) without Protective Cage or Running Gear.

**300920** For current model gas Bobcat and Trailblazer (except Air Pak) with Protective Cage or Running Gear.

**301099** For current model diesel Bobcat and Trailblazer without Protective Cage or Running Gear.

300379 For Trailblazer 302 Air Pak.

**195301** For Big Blue 350 PipePro/400 Pro/450 Duo CST.

**194683** For Big Blue 500 Pro (CA model)/700 Duo Pro.

**301113** For Big Blue 500 Pro (T4F model)/600 Series/

# Trailers See literature AY/20.0



#### HWY-Mid Frame Trailer 301438

For Bobcat, Trailblazer, and Big Blue 350/400/450 Pro models. A 1,424-pound (646 kg) capacity highway trailer with welded steel tubing frame, heavy-duty axle with roller bearing hubs and leaf-spring suspension. Includes jack stand, fenders, lights, and dual hitch with 2-inch (50 mm) ball hitch and 3-inch (76 mm) lunette eye.

#### 4 West Four-Wheel Steerable **Off-Road Trailer**

For Big Blue 500 Pro/600 Series/ 700 Duo Pro/800 Series. Heavy-duty 2,570-pound (1,166 kg) capacity trailer designed for use in mines, quarries and other rough terrain. Has narrow 22-foot (6.7 m) turning radius. Includes 3-inch lunette eye, universal hitch and safety chains.

#### HWY-225 Trailer 301338

For Big Blue models. A 2,700-pound (1,225 kg) capacity highway trailer with welded steel tubing frame, heavy-duty axle with roller bearing hubs and leaf-spring suspension. Includes jack stand, fenders, lights, and dual hitch with 2-inch (50 mm) ball hitch and 3-inch (76 mm) lunette eye.

#### Trailer accessories



#### Dual Hitch 301441

For HWY-Mid Frame and HWY-225. Combination 2-inch (50 mm) ball and 3-inch (76 mm) lunette eye in one reversible assembly.

#### Cable Tree 043826

For HWY-Mid Frame and HWY-225. Provides an area to conveniently wrap weld cables and extension cords.

#### Fender Kit 301439

For HWY-Mid Frame and HWY-225. Replacement fenders.

Note: Trailers are shipped unassembled. \*Width at outside of fenders. \*\*Does not include tongue.

Model	Gross Axle Weight Rating	Gross Vehicle Weight Rating	Net Payload	Height of Bed	Road Clearance	Track (Center to Center of tires)	Standard Tires (Standard Rating or P-size Rating)	Dimensions	Net Weight
HWY-Mid Frame	1,605 lb. (728 kg)	1,424 lb. (646 kg)	1,424 lb. (646 kg)	19.5 in. (495 mm)	8 in. (203 mm)	46 in. (1,168 mm)	ST175/80D-13 Load Range C	L: 101 in. (2,565 mm) W: 55 in. (1,397 mm)*	181 lb. (82 kg)
4 West	2,000 lb./axle (907 kg/axle)	3,000 lb. (1,361 kg)	2,550 lb. (1,157 kg)	21.25 in. (540 mm)	8 in. (203 mm)	55.25 in. (1,403 mm)	B78-13	L: 91 in. (2,311 mm)** W: 61.25 in. (1,556 mm)	420 lb. (191 kg)
HWY-225	3,500 lb. (1,588 kg)	2,999 lb. (1,360 kg)	2,700 lb. (1,225 kg)	19 in. (483 mm)	7.5 in. (191 mm)	50 in. (1,270 mm)	ST175/80R-13 Load Range D	L: 105.5 in. (2,680 mm) W: 56.5 in. (1,435 mm)*	280 lb. (127 kg)

#### **Load Banks**



#### LBP-350 043329

Designed to provide an adjustable load for troubleshooting or calibrating welding power sources or generators. Standard equipment includes

analog meters for both AC and DC output with jacks for external metering connections. It comes with a 13-foot (4 m) 115-volt power cord and has seven 50-amp load switches, providing a maximum capacity of 350 amps.



### **Welding Power Load Bank**

Designed to load test the output of transformer-type, engine- or motor-driven generator welding power sources. This unit can be used to test AC or DC welder outputs, and to demonstrate welding equipment to customers.

### 902804

#### **MIG Accessories**

#### **Gun and Machine Accessory Kits**

MIGmatic™ M-Series Gun Consumable Kits

For M-100 and M-150 guns 234607 .023 in. (0.6 m) wire

234608 .030 in. (0.8 m) wire 234609 .035 in. (0.9 m) wire

For M-25 gun

234610 .030 in. (0.8 m) wire

234611 .035 in. (0.9 m) wire 234612 .045 in. (1.2 m) wire

M-100/M-150 kits include 10 contact tips, 1 tip adapter 1 standard nozzle and a consumable storage box. M-25 kits add 1 nozzle adapter.

#### Aluminum Conversion Kit 172136

For M-25 gun. Allows 10-foot (3 m) guns to feed 3/64-inch (1.2 mm) aluminum wire.



#### Industrial MIG 4/0 Kit

300390 For single feeders. 300957 For dual feeders.

Consists of flowmeter regulator with 10-foot (3 m) gas hose, 10-foot (3 m) 4/0 feeder weld cable with lugs, and 15-foot (4.6 m) work cable with 600-amp C-clamp. Dual kit comes with two flowmeter regulators and gas hoses.

#### Industrial MIG 4/0 Kit with Dinse Connectors

300405 For single feeders. 300956 For dual feeders.

Same as above except weld and work cables have Dinse-style connector on one end instead of lug.



#### Shopmate 300 MIG Kit 300150

Includes flow gauge regulator and 10-foot (3 m) gas hose for argon or AR/CO<sub>2</sub> mix, 10-foot (3 m) 1/0 interconnecting cable, 15-foot (4.6 m) 1/0 work cable with clamp, and consumable storage box.

#### **Protective Covers**



#### 301333

For Millermatic 125 Hobby.



#### 301262

For Millermatic 141/190/211 and Multimatic 215.



#### 195142

For Millermatic 212 Auto-Set/ 252/350P/350P Aluminum and Syncrowave 210. Features side pocket.

### ••• Accessories

#### **Plasma Cutter Accessories**

#### **Automation Kits**



Automation Kit for Spectrum 625 X-TREME 301158 Upgrades new quickconnect hand-held torch packages to add machine torch capabilities.

Includes new front panel with built-in remote control cable receptacle. Machine torches are NOT included in kits and must be ordered separately.



Automation kit (301157) shown.

Automation Kits for Spectrum 875 and 875 Auto-Line 301156 For Spectrum 875.

301157 For Spectrum 875 Auto-Line.

Automation kits upgrade hand-held torch packages to add machine torch capabilities. Automation kit for Spectrum 875 Auto-Line (301157) includes a remote pendant control for manual on/off. Machine torches are NOT included in kits and must be ordered separately.

#### **Cables and Cable Covers**



Flexible Work Cable 234838 20 ft. (6.1 m) 234930 50 ft. (15.2 m) Work cable with quick connect and heavy-duty clamp.



**Cable Covers 239642** 20 ft. (6.1 m) **231867** 25 ft. (7.6 m) **231868** 50 ft. (15.2 m)

#### **Cutting Guides**



Plasma Circle-Cutting Guides 253055

For XT30C/XT30/XT40/XT60 torches. Cut straight lines or circles up to 12 inches in diameter.





Suction/Magnetic Pivot Base 195979

Add this to your cutting guide for convenient attachment to all flat surfaces. The extended arm accommodates holes up to 30 inches in diameter.



Plasma Standoff
Roller Guide 253054
Helps maintain
recommended standoff
distance to maximize
cutting performance
and improve tip life.

#### **Filters**



#### In-Line Air Filter Kit 228926

For Spectrum 375 X-TREME/625 X-TREME/875/875 Auto-Line. Mounts to back of the plasma cutter. Includes male and female 1/4-inch NPT quick-disconnect fittings and hose for easy on/off connection. The replaceable filter element (228928) filters to .85 microns for removal of 99.9 percent of water, dirt and oil.



#### RTI Filter and Bracket 300491

For Spectrum 875/875 Auto-Line. Dryer will remove water, dirt and oil as small as one micron with 99.9 percent efficiency. Can be mounted on plasma cutter or on wall. Install as close as possible to point of air consumption. Replaceable filter element (212771).

#### **Plugs and Cords**

#### MVP™ Plugs



#### 219258

For 6-50P power cable (230/240 V, 50 A).



#### 219261

For 5-15P power cable (115/120 V, 15 A).



#### 219259

For 5-20P power cable (115/120 V, 20 A).

For Spectrum 375 X-TREME, Millermatic 211, Multimatic 200/215 and Diversion 180. Allows connection of machine to 115/120-volt or 230/240-volt receptacles without tools — just choose the plug that fits the receptacle.

#### MVP™ Adapters





Female Receptacle



#### 254328

For connection to 6-50P receptacle (240 V, 50 A).



#### 254330

For connection to 5-15P receptacle (120 V, 15 A).



#### 254331

For connection to 5-20P receptacle (120 V, 20 A).

For Spectrum 625 X-TREME. Allows connection of machine to 120- or 240-volt receptacles without tools — just choose the adapter cord that fits the receptacle.





Female Receptacle

#### Full KVA Adapter Cord 300517

NEMA 14-50P to NEMA 6-50R. Adapts engine drive 120/240-volt plug to common Millermatic and Spectrum 240-volt plug.

#### 230-Volt Extension Cord 770644

20-foot (6.1 m) NEMA 6-50P to NEMA 6-50R heavy-duty extension cord. 8-gauge cord has lighted ends that show power is on and a molded, integrated strain relief.

#### **Protective Covers**



**Protective Cover 300388** For Spectrum 875.



#### X-CASE 300184

For Spectrum 375 X-TREME/ 625 X-TREME.

301429

For Maxstar 161 models.

#### **Torches**

See your Miller® distributor for complete information on the following XT plasma torches and their consumables:



**Spectrum Plasma Cutter Hand-Held Torches** 

For Spectrum 375 X-TREME 249949 12 ft. (3.7 m) XT30 For Spectrum 625 X-TREME

**260633** 12 ft. (3.7 m) XT40 **260635** 20 ft. (6.1 m) XT40

For Spectrum 875 and 875 Auto-Line

**249953** 20 ft. (6.1 m) XT60 **249954** 50 ft. (15.2 m) XT60



#### **Spectrum Plasma Cutter Machine Torches**

For Spectrum 625 X-TREME

**259305** 25 ft. (7.6 m) long body XT40M **257462** 25 ft. (7.6 m) short body XT40M

For Spectrum 875 and 875 Auto-Line

 25 ft. (7.6 m) long body XT60M 50 ft. (15.2 m) long body XT60M 25 ft. (7.6 m) short body XT60M 50 ft. (15.2 m) short body XT60M



Each consumable kit includes a storage box.

#### Plasma Torch Consumable Kits

**253520** For XT30 torch. Includes 5 electrodes, 5 tips, 1 swirl ring, 1 retaining cup, 1 o-ring and silicone grease. **253521** For XT40 torch. Includes 5 electrodes, 5 tips (40 A), 3 tips (30 A), 1 drag shield (40 A), 2 drag shields (30 A), 1 deflector, 1 o-ring, 1 swirl ring, 1 retaining cup, 1 gouge tip (40 A), 1 gouge shield and silicone grease.

**256033** For XT60 torch. Includes 3 standard electrodes, 3 standard tips, 1 drag shield, 1 deflector, 1 o-ring, 1 swirl ring, 1 retaining cup, 1 gouge tip, 1 gouge shield and silicone grease.

127493 Empty consumable storage box.

#### **Polarity Switches/Controls**

#### Polarity Control 042871

This dual-function control is designed for use with dual wire feeders or any application where electrical isolation and/or polarity reversing of weld current is required. Both functions can be used at the same time.



### Process Selector Control 042872

For CC, CV or CC/CV welding power source. Provides easy way to change welding process. Also includes features of Polarity Control.

#### **Remote Controls**

Also see Remote Controls in TIG Accessories on pages 120 and 121



#### PRHC-14 Hand Control 195511

For all solid-state power sources after serial number JK674521. Complete current or voltage control brings 120 volts of GFCI power to work area in a single cord. Housed in a durable and light aluminum case and includes 125-foot (38 m) cord with plugs.

#### Remote On/Off Control 242197025

For Deltaweld, Dimension 302/452, and Gold Star. Allows you to turn power source on or off from a distance of 25 feet (7.6 m). This is useful if power source is up in a mezzanine.

#### **Stick Accessory Kits**



**No. 2 Stick Cable Sets 195196** 15 ft. (4.6 m) **300836** 50 ft. (15 m)

Consists of either 15- or 50-foot electrode cable with holder and work cable with clamp. 200 A, 100% duty cycle.



#### 2/0 Stick Cable Set

**173851** 50 ft. (15 m), 350 A

**043952** 100/50 ft. (30/15 m), 300 A

Consists of either 50- or 100-foot 2/0 electrode cable with holder and 50-foot work cable with clamp. 100% duty cycle.





#### Weld Cables

195457 2/0 cable with electrode holder, 400 A
195458 2/0 cable with work clamp, 400 A
301387 1/0 cable with electrode holder, 250 A
Consists of a stud/Tweco® adapter and 10-foot (3 m) weld cable with a Tweco male connector and either an electrode holder or work clamp.



**2/0 Weld Cable Extensions 195456** 50 ft. (15 m) **195455** 100 ft. (30 m) Extends weld cables **(195457, 195458** and **301387)**.

#### **Submerged Arc Accessories**

#### Cables



#### Continuum Motor/Control Cables

263368015 15 ft. (4.6 m) 263368020 20 ft. (6.1 m) 263368025 25 ft. (7.6 m) 263368050 50 ft. (15 m) 263368080 80 ft. (24.4 m) 263368100 100 ft. (30.5 m)

Cable between SubArc Motor Control and SubArc Remote Pendant.



#### **Flux Hopper Extension Cables**

**260623010** 10 ft. (3 m) **260623025** 25 ft. (7.6 m) **260623065** 65 ft. (19.8 m)

Cable between SubArc Interface or Motor Control and flux hopper.



#### **Motor Extension Cables**

 5 ft. (1.5 m) 10 ft. (3 m) 25 ft. (7.6 m) 65 ft. (19.8 m)

Cable between SubArc Interface or Motor Control and



#### **SubArc Control Cables**

**260622030** 30 ft. (9.1 m) **260622050** 50 ft. (15 m) **260622060** 60 ft. (18.3 m) **260622080** 80 ft. (24.4 m) **260622100** 100 ft. (30.5 m)

**260622120** 120 ft. (36.6 m)

260622200 200 ft. (61.0 m)

Cable between SubArc Interface or Motor Control and power source.



**SubArc Parallel Cable 260775015** 15 ft. (4.6 m)



**SubArc Tandem Cable 260878015** 15 ft. (4.6 m)

#### **Torch Accessories**

#### **OBT 600 Torch Body Extensions**

**043967** 1 inch (25.4 mm) **043969** 2 inch (50.8 mm) **043973** 4 inch (101.6 mm) **043975** 6 inch (152.4 mm)

#### OBT 1200 Torch Body Extension 043981

Overall length with extension is 9 inches (228.6 mm). Actual length of extension is 8.5 inches (215.9 mm).

OBT Torch (	Contact Tips	
<b>OBT 600</b>	<b>OBT 1200</b>	Wire Size
192700	192141	1/16 in. (1.6 mm)
192701	199026	5/64 in. (2.0 mm)
192702	192142	3/32 in. (2.4 mm)
192703	200771	7/64 in. (2.8 mm)
192704	192143	1/8 in. (3.2 mm)
192705	192144	5/32 in. (4.0 mm)
_	192136	3/16 in. (4.8 mm)

#### 1200-Amp Torch Contact Tips

Single-Wire	Twin-Wire	Wire Size
_	264595	3/64 in. (1.2 mm)
264590	264596	1/16 in. (1.6 mm)
264591	264597	5/64 in. (2.0 mm)
264487	264588	3/32 in. (2.4 mm)
264593	_	1/8 in. (3.2 mm)
264594	_	5/32 in. (4.0 mm)

#### **Wire Drive Assembly Accessories**

#### **Drive Rolls**

 1/16 in. (1.6 mm) 5/64 in. (2.0 mm) 3/32 in. (2.4 mm) 7/64 in. (2.8 mm) 1/8 in. (3.2 mm)

**193700** 5/32 in. (4.0 mm) **193701** 3/16 in. (4.8 mm)

V-knurled drive rolls for use with hard-shelled cored wires.



#### Manual Single Slide 301137

Provides smooth and accurate movement of the welding heads. Allows for 7.87 inch (200 mm) travel adjustment with load capacity of 220 pounds (100 kg) at 1.64 feet (500 mm). *Not recommended for tandem.* 



#### Single-Wire Straightener 199733

For SubArc Wire Drive 400 Digital Low Voltage and SubArc Wire Drive 780 Digital Low Voltage. For 1/16-3/16 inch (1.6-4.8 mm) wire.



#### Twin-Wire Straighteners

**301160** Single adjustment **301162** Double/separate adjustment

For Twin-Wire torches only.



Wire Reel 108008 Supports 60-pound (27 kg) coil of wire. Requires Spool Support Assembly (119438).

# · Accessories

#### **TIG Accessories**

#### **High-Frequency Arc Starters and Stabilizers**



**HF251D-1 042388** 115 V **HF251-2 042387** 230 V

These portable 250-amp, 60-percent duty cycle units add high-frequency to the welding circuit to help start arc when using the TIG process.

Secondary Contactor Kit 041969 Field For HF-251D-1.

**041906 Field** For HF-251-2.

For power sources without a contactor. Mounts inside HF-251 cabinet.

#### **Kits**



**Contractor Kit** 

**301311** TIG/stick pkg with RCCS-14 fingertip **301309** TIG/stick pkg with RFCS-14 HD foot pedal For Maxstar 210/280 and Dynasty 210/280. All-in-one TIG/stick welding kit comes with either a RCCS-14 fingertip control **0R** RFCS-14 HD foot control, Weldcraft™ A-150 TIG torch, 200-amp stick electrode holder with 15-foot (4.6 m)

cable, 300-amp work clamp with 15-foot (4.6 m) cable, flow gauge regulator with 12-foot (3.7 m) gas hose, gas hose coupler, AK2C torch accessory kit, and TIG torch connector.



(301287) shown.

(300990) shown.

TIG Contractor Kit

**301287** For Multimatic 200. **301337** For Multimatic 215.

Kit comes with Weldcraft" A-150 TIG torch with Dinse-style connector, either a RFCS-6M foot control (Multimatic 200 kit) **0R** RFCS-RJ45 foot control (Multimatic 215 kit), flow gauge regulator with 12-foot (3.7 m) gas hose, and AK2C torch accessory kit.



Weldcraft™ Water-Cooled Torch Kits

**300185** 250 A, W-250 (WP-20)

**300990** 280 A, W-280 (WP-280)

301268 375 A. W-375

**300186** 400 A, W-400 (WP-18SC)

For Maxstar (except 161 models), Dynasty, and Syncrowave 250 DX/350 LX. Kit comes with 25-foot (7.6 m) TIG torch with Dinse-style connector (thread-lock on 400-amp kit), torch cable cover, work clamp with 15-foot (4.6 m) cable [12-foot (3.7 m) cable on 400-amp kit], flowmeter regulator with gas hose, and torch accessory kit.

#### **Protective Covers**



Protective covers (300579) and (195478) shown.

301429 X-CASE for Maxstar 161 models.

300579 For Diversion 165/180.

301381 For Maxstar 210.

**301382** For Maxstar 280 and Dynasty 210/280.

195142 For Syncrowave 210.

195320 For Syncrowave 250 DX/350 LX.

195478 For XMT 304/350.

#### **Remote Controls**



### 14-Pin to 6-Pin Adapter Cord 300507

For Maxstar 161 STL/STH and Multimatic 200. 12-inch (305 mm) cord adapts Miller<sup>®</sup> 14-pin foot control or fingertip control to a 6-pin plug.



RCC-6M (6-pin plug)

**301118** 13.25 ft. (4 m) cord with plug For Maxstar 161 STL/STH and Multimatic 200.

RCC-14 (14-pin plug)

151086 26.5 ft. (8 m) cord with plug

East/west rotary-motion fingertip current/contactor control attaches to TIG torch using two hook-and-loop fasteners. Great for production or contractors that need quick ramp-up.



RCCS-6M (6-pin plug)

**195184** 13.25 ft. (4 m) cord with plug **195503** 26.5 ft. (8 m) cord with plug For Maxstar 161 STL/STH and Multimatic 200.

#### RCCS-RI4

**301146** 13.25 ft. (4 m) cord with plug For Diversion 165/180 and Multimatic 215.

RCCS-14 (14-pin plug)

043688 26.5 ft. (8 m) cord with plug

North/south rotary-motion fingertip current/contactor control attaches to TIG torch using two hook-and-loop fasteners. Great for applications that require a finer amperage control.



RFCS-6M (6-pin plug)

**195183** 13.25 ft. (4 m) cord with plug **195504** 20 ft. (6 m) cord with plug For Maxstar 161 STL/STH and Multimatic 200.

RFCS-5 (5-pin plug)

**043716** 20 ft. (6 m) cord with plug

**RFCS-14** (14-pin plug)

**043554** 20 ft. (6 m) cord with plug

Foot pedal current/contactor control.



RFCS-14 HD (14-pin plug) 194744

Heavy-duty foot pedal current/contactor control provides increased stability and durability from larger base and heavier cord. Reconfigurable cord can exit front, back or either side of the pedal for flexibility. Includes 20-foot (6 m) cord with plug.



RFCS-RJ45 300432

For Diversion 165/180 and Multimatic 215. Foot pedal current/contactor control. Includes 14-foot (4.3 m) cord with plug.



RHC-14\* (14-pin plug)

242211020 20 ft. (6 m) cord with plug 242211100 100 ft. (30.5 m) cord with plug Miniature hand current/contactor control.

Dimensions: 4 x 4 x 3.25 inches (102 x 102 x 82 mm).

\*For additional lengths visit MillerWelds.com/equiptoweld.



RMLS-14 (14-pin plug) 129337

Momentary- and maintained-contact rocker switch for contactor control. Push forward for maintained contact and backward for momentary contact. Includes 26.5-foot (8 m) cord with plug.



**RMS-6M** (6-pin plug) **195269** *For Maxstar 161 STL/STH.* 

RMS-14 (14-pin plug) 187208

Momentary-contact switch for contactor control. Rubber-covered pushbutton dome switch ideal for repetitive on-off applications. Includes 26.5-foot (8 m) cord with plug.



**RPBS-14** (14-pin plug) **300666** 

Attaches to the TIG torch to remotely start and stop the TIG welding process. Includes 25-foot (7.6 m) cord with plug.

### **Wireless Remote** Foot and Hand Controls

See literature AY/6.5 (Foot) and AY/6.6 (Hand)

Increases productivity, saves money, improves safety and easy to use.



Wireless 14-pin receiver (included with both systems)

Wireless hand control

#### **Foot control**

#### Foot control is designed specifically for TIG welding

in manufacturing, fabrication and plant applications, allowing operator to adjust amperage at point of use without the limitations of remote cord.

**Auto on** feature extends the battery life up to 250 hours of welding without turning the pedal on and off.

**Easy-Glide Wear Pads** glide across concrete, making it easy to reposition the pedal for comfort and speed.

\*Some applications are not suitable for wireless communication. Keep in mind that the rated range is subjective, and depends on factors such as obstructions, frequency interference, transmission technology, and weather. The figures listed assume ideal conditions are present. **Improves productivity and maneuverability** by eliminating cord tangles. Reduces clean up time and work area cord clutter.

**Improves safety** by eliminating control cord and reducing potential trip hazard.

Improves reliability by eliminating control cord failure.

**Multiple frequency sharing** allows up to 20 systems to operate in a 90-foot (27.4 m) radius with accuracy and precision — and without delay, system interference, or crosstalk.

**Easy-to-install receiver** plugs directly into the 14-pin receptacle of Miller® machines.

**Easily programmable.** Control can be quickly and easily paired with any other Miller 14-pin wireless receiver. (Control is preprogrammed when purchased with the receiver.)

#### **Hand control**

Hand control is designed for stick, TIG, MIG and flux-cored welding, allowing operator to adjust parameters for different joint configurations, electrodes and wire types/sizes at the point of use instead of walking back to the machine.

Allows parameter adjustments up to 300 feet away from welder without returning to machine.

**Improves weld quality.** Operators can adjust their machines to optimize the parameters for different joint configurations, electrodes, and wire types and sizes.

Smart Touch™ buttons allow quick and accurate machine parameter adjustments.

**Digital meter display** allows presetting percentage of machine output before welding, and viewing amperage and voltage while welding.

#### Industrial |

#### **Processes**

■ TIG (GTAW) ■ Pulsed TIG (GTAW-P)

### The following processes are with hand control only

- Stick (SMAW) MIG (GMAW)\*
- Flux-cored (FCAW)
- \*Only with voltage-sensing feeder.

#### **Comes complete with**

- Wireless foot control (300429) or hand control (300430) transmitter
- Wireless 14-pin receiver (300722)
- Battery box (249297)
- Three AA batteries
- Four Easy-Glide Wear Pads™ (for foot control only) (sold individually, 248274)
- Belt clip (for hand control only) (249233)

#### Suggested power sources



Look throughout this catalog for the icon above signifying compatibility with a wireless remote. For a complete power source compatibility list visit **MillerWelds.com/wireless**.

Model/Stock Number	Component	Power Supply	Battery Life	Rated Range*	Temperature	Radio Frequency	RF Power	Antenna	Dimensions	Weight
Wireless Foot Control System (300429)	Foot control (transmitter)	Three AA batteries	250 hours	90 ft. (27.4 m)	-13° to +158°F (-25° to +70°C)	2.4 Ghz (ISM band)	<3 mW	Internal	H: 6 in. (152 mm) W: 5.75 in. (146 mm) D: 11.5 in. (292 mm)	3 lb. (1.4 kg) w/batteries
Wireless Hand Control System (300430)	Hand control (transmitter)	Three AA batteries	250 hours	300 ft. (91 m)					H: 5 in. (127 mm) W: 2.75 in. (70 mm) D: 1.375 in. (35 mm)	0.6 lb. (0.27 kg) w/batteries

#### **TIG Accessories (continued)**

#### **Torch and Weld Cable Connectors**

#### Air-Cooled TIG (GTAW) Torch Connectors



#### **273483**<sup>1,2</sup>

For Maxstar 161 and Multimatic 200/215. 25 mm (small) Dinse-style gas thru for one-piece air-cooled torches.



**194723** A-200 (WP26) **194722** All others For Syncrowave 210. 50 mm Dinse-style gas thru for one-piece air-cooled torches.



**195379** A-200 (WP26) **195378**<sup>2</sup> All others For CST 280, Maxstar 210/280/350, Dynasty 210/280/350, and Syncrowave 250 DX/350 LX. 50 mm Dinse-style for one-piece air-cooled torches.

#### Water-Cooled TIG (GTAW) Torch Connectors



50 mm Dinse-Style Flow Thru 195380

For Syncrowave 210. Used with all Weldcraft™ water-cooled torches.



**50 mm Dinse-Style with Water Return Line 195377** *For Maxstar* 210/280/350,

Dynasty 210/280/350, and Syncrowave 250 DX/350 LX. Used with all Weldcraft<sup>™</sup> water-cooled torches.



### 50 mm Thread-Lock-Style 225028

For Maxstar/Dynasty 700. Used with all Weldcraft™ water-cooled torches.



#### Thread-Lock-Style Weld Cable Connectors 225029

For Maxstar/Dynasty 700.
Contains two male connectors that accept #1/0 to #4/0
AWG size cable.

### · · · Accessories

#### **Wire Feeder Accessories**

#### **Extension Cables (14-Pin)**

8-Conductor Cables\*

**242208025** 25 ft. (7.6 m)

**242208050** 50 ft. (15 m) **242208080** 80 ft. (24.4 m)

For XR-Control, SuitCase 12RC feeder, 20 Series feeders, and 70 Series (except MPa Plus) feeders. For 14-pin remote controls/24 VAC wire feeders. 14-pin plug to a 14-pin socket. (Not for 115-volt XR or 50 Series feeders.)

#### 11-Conductor Cables\*

**247831025** 25 ft. (7.6 m) **247831050** 50 ft. (15 m)

**247831050** 50 ft. (15 m) **247831080** 80 ft. (24.4 m)

For XR-AlumaFeed, MPa Plus feeders, and 60M feeders. Eleven conductors to support contactor control and remote voltage control on all Miller® electronic CV 14-pin power sources. Additional functions supported when using the Invision MPa or XMT MPa power sources include synergic pulsed MIG, remote process select and side select capabilities.

#### 14-Conductor Cables\*

**242205025** 25 ft. (7.6 m)

**242205050** 50 ft. (15 m) **242205080** 80 ft. (24.4 m)

For HDC and WC-115 weld controls, XR Control prior to serial number KK309906, and 50 Series feeders. Fully-loaded 14-pin extension cables for remote controls, and 24-volt and 115-volt feeders.

\*For additional lengths visit MillerWelds.com/equiptoweld.

#### **Power Supply Adapter**



#### **PSA-2 Control** 141604

Required when using SuitCase 12RC, 20 Series, and 70 Series feeders with power sources having only 115-volt power available. Control is equipped with a 14-pin receptacle and a 10-foot interconnecting cable with Hubbell connections for older-style

power sources. Can also be used with competitive power sources requiring a contact closure for contactor control.

#### PSA-2 Extension Cord 047813

25-foot (7.6 m) cord extends 10-foot (3 m) cord supplied with PSA-2 control (4-pin to 4-pin connection).

#### **Spool Adapter**

#### 047141

For use with 14-pound ( $6.4~{\rm kg}$ ) spool of Hobart or Lincoln self-shielding wire.

#### **Spool Gun Controls and Kits**

For more information see literature M/1.5, M/1.73 and M/1.76.



#### SGA 100 043856

Required to connect Spoolmate 3035 spool gun to any Millermatic 141/190/211. Also allows connection to virtually

any similar MIG welder — Miller or other brands. Includes 10-foot (3 m) 115-volt power cable with plug, 6-foot (1.8 m) interconnecting cable, and 5-foot (1.5 m) gas hose.



#### SGA 100C 043857

SGA with contactor required to connect Spoolmate 3035 spool gun to CV engine drives like the Miller Bobcat. Includes 10-foot (3 m) 115-volt power cable with plug, 6-foot (1.8 m)

interconnecting cable, and 5-foot (1.5 m) gas hose.



# WC-115A Weld Control 137 546 Without contactor 137546011 With contactor

Operates on 115-volt power and designed primarily for constantcurrent DC power sources. Can also be used with constant-voltage

power sources or DC engine drives supplying 115 volts. Used with a CC source, the control circuit functions in a voltage-sensing mode and with a CV source, it functions as a constant-speed circuit. Includes wire run-in and drive motor acceleration controls which ensure optimum arc starting performance.



#### WC-24 Weld Control 137549

For Spoolmate 200, Spoolmatic and Spoolmatic Pro. Easily mounts on power source. Designed for use with Miller CV power sources with 14-pin receptacles and supplying 24 VAC.

#### Spool Gun Extension Hose and Cable Kits

132228 25 ft. (7.6 m)

132229 50 ft. (15 m)

For Spoolmatic and Spoolmatic Pro. Extends leads, etc. between spool gun and power source.

#### **Turntable Assembly**

#### 146236

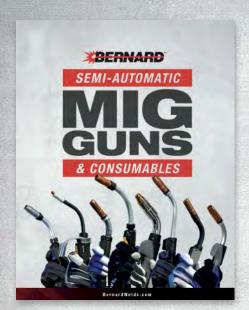
Allows feeder to rotate as operator changes work position. Reduces strain and bending of gun cable.

#### Wire Straightener



For 20 Series and 70 Series.

**141580** For .035-.045 inch (0.9-1.1 mm) wire. **141581** For 1/16-1/8 inch (1.6-3.2 mm) wire.



# **Engineered for Simplicity. Built for Durability.**

### Design the perfect MIG guns for all your welds!

Improve welding productivity by choosing the neck length and angle, handle shape and trigger style that allows welders to comfortably and efficiently reach all your welds.

Plus, longer gun life and shared parts and consumables will help to simplify inventory and minimize costs across your shop.

For additional information, please contact your local welding distributor.

To request a catalog, please call or complete our online request form.

