

Accessories

Drive Rolls

- 132955 1/16 in. (1.6 mm)
- 132960 5/64 in. (2.0 mm)
- 132961 3/32 in. (2.4 mm)
- 132962 7/64 in. (2.8 mm)
- 132963 1/8 in. (3.2 mm)
- 193700 5/32 in. (4.0 mm)



SubArc Parallel Cable
260775015
15 ft. (4.6 m)



SubArc Tandem Cable
260878015
15 ft. (4.6 m)



1200-Amp Twin-Wire Torch
301144 Long, 16.8 in. (427 mm)
1,200 amps at 100 percent duty cycle.
For 3/64–3/32 inch (1.2–2.4 mm) wires.

Cables



- SubArc Control Cables**
- 260622030 30 ft. (9.1 m)
 - 260622050 50 ft. (15.2 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.



- 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**
- 254232005 5 ft. (1.5 m)
 - 254232010 10 ft. (3 m)
 - 254232025 25 ft. (7.6 m)
 - 254232065 65 ft. (19.8 m)

Cable between SubArc Interface or Motor Control and drive motor.



- 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. (15.2 m)
 - 263368080 80 ft. (24.4 m)
 - 263368100 100 ft. (30.5 m)

Cable between SubArc Motor Control and SubArc Remote Pendant.

Submerged Arc Torches



OBT 600 043923
600 amps at 100 percent duty cycle. For 1/16–5/32 inch (1.6–4.0 mm) wire. Torch has concentric flux flow nozzle.

OBT 600 Torch Body Extensions

- 043967 1 in. (25.4 mm)
- 043969 2 in. (50.8 mm)
- 043973 4 in. (101.6 mm)
- 043975 6 in. (152.4 mm)



OBT 1200 043900
1,200 amps at 100 percent duty cycle. For 1/16–5/32 inch (1.6–4.0 mm) wire. Torch has concentric flux flow nozzle and features a replaceable breakaway adapter end to prevent costly damage should torch run into an obstruction.

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

OBT 600	OBT 1200	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)

Accessories (continued)



Single-Wire Straightener 199733

For use with OBT 600 and OBT 1200 single-wire torches. For 1/16–5/32 inch (1.6–4.0 mm) wires.



Twin-Wire Straightener 301160

Single adjustment for 1200-amp twin-wire torch only.



SubArc Flux Hopper Digital Low Voltage 300942

25-pound-capacity flux hopper with automatic flux valve. The opening is sized to allow hook-up of any flux-hopper-mounted recovery system. Includes slag screen and 11-foot (3.3 m) power cable.



Wire Reel 108008

For 60-pound (27 kg) coil of wire. Requires Spool Support Assembly (119438).

Spool Support Assembly 119438

For 60-pound (27 kg) wire reel.



Manual Slide 301137

Manual slide for smooth and accurate movement of the welding head. Slide 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.**



SubArc Single Mounting Bracket 301134

Single mounting bracket configures single-arc welding head to mount to manual slide.



SubArc Tandem Mounting Bracket 301135

Tandem mounting bracket is a predesigned welding head configuration for tandem applications. Independent adjustments of lead and trail torches adapt to most applications.



SubArc Mounting Hinge 301136

Mounting hinge allows welding head to swivel 90 degrees with minimal effort. Ideal for changing from longitudinal to circumferential welds.



SubArc 3-Wheel Tractor Digital Package 951755

Package includes SubArc 3-Wheel Tractor, SubArc Tractor Interface Digital, SubArc Wire Drive 400, 10-pound (4.5 kg) capacity flux hopper with manual valve, 60-pound (27 kg) wire reel, OBT 600 torch and wire straightener. See literature AD/7.7 for more information.



SubArc Portable Welding System

951675 With SubArc DC 650 Digital

951676 With SubArc DC 1000 Digital

951677 With SubArc AC/DC Digital

SubArc Portable Welding System is a ready-to-weld submerged arc system for pressure vessel, pipe and welding that requires positioning equipment which can adapt to your application. See literature AD/7.6 for more information.

Welding Intelligence™



14-pin Insight Core™ Module 301072

Insight Core is a simplified, internet-based industrial welding information management solution that monitors and reports welding activity for basic productivity and quality metrics. Requires Insight Core to SubArc Digital Series Adapter (301295). See Insight Core brochure (266011) for more information.

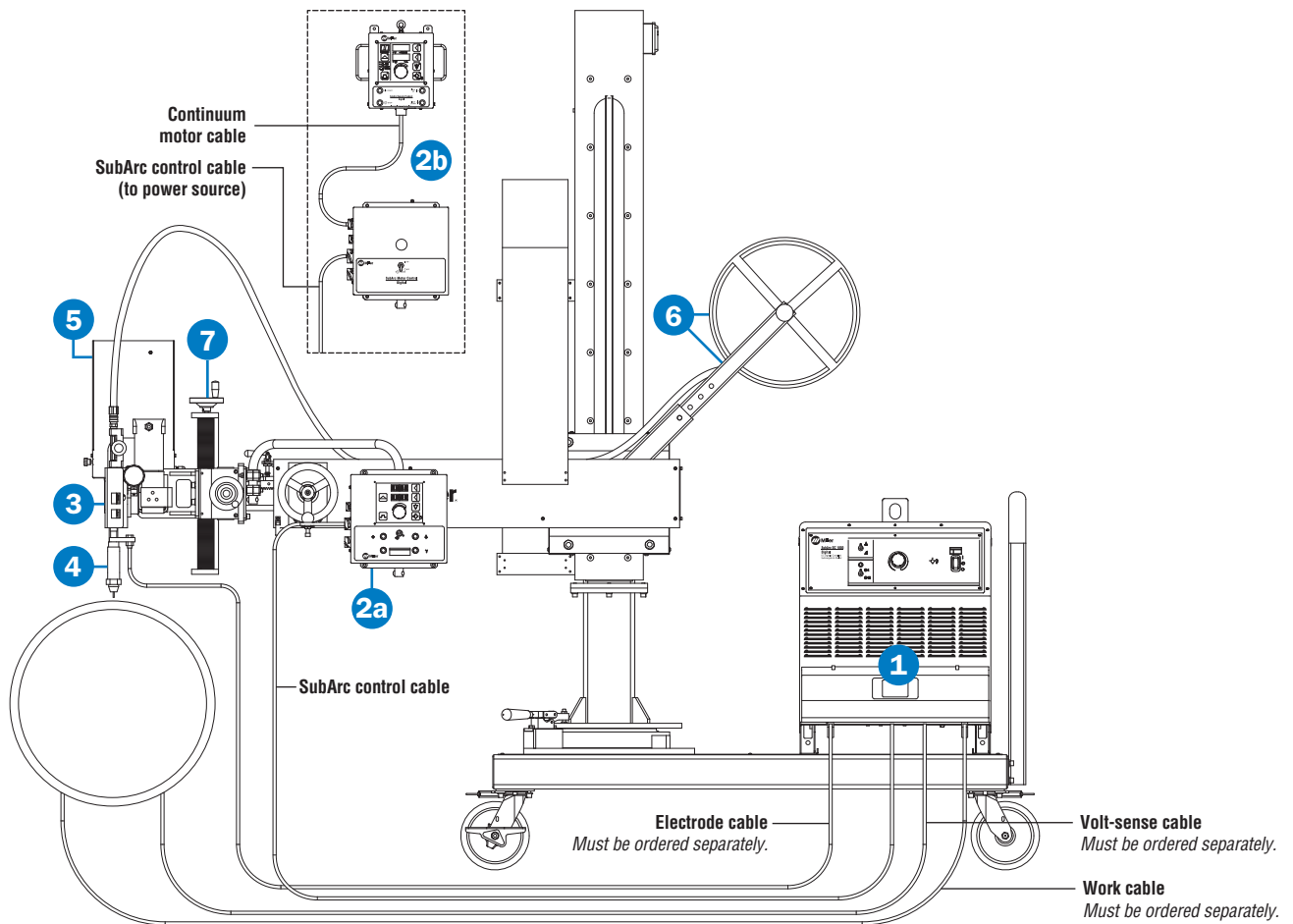


Insight Core™ to SubArc Digital Series Adapter 301295

ArcAgent™ Auto 301346

See literature WI/1.0 for more information.

Typical Installations (SubArc Interface and Remote Operator Interface Setups.)



1 Power Source

See page 12 for available models.

2 Interface (choose one)

- a **SubArc Interface Digital** — See page 12. Requires a SubArc control cable to connect power source to interface. See page 9 for available cable lengths.
- b **SubArc Remote Operator Interface** — See page 12. Consists of SubArc Motor Control Digital and SubArc Remote Pendant Digital. Requires a Continuum motor cable and a SubArc control cable. See page 9 for available cable lengths.

3 Drive Motor

See page 12 for available models. Includes 4-foot (1.2 m) motor control cable. See page 9 for optional cable extension lengths and required drive rolls.

4 Torch (choose one)

- a **Single-Wire** — See page 9 for single-wire torches, optional body extensions and required contact tips. See page 10 for optional wire straightener.
- b **Twin-Wire** — See page 9 for twin-wire torch and required contact tips. See page 10 for optional wire straightener.

5 Flux Hopper

See page 10. Includes 11-foot (3.3 m) flux hopper cable. See page 9 for optional cable extension lengths.

6 Reel/Spool Assembly

See page 10. Wire reel requires spool support assembly.

7 Manual Slide

See page 10.

Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
1 Power Source				
SubArc DC 650 Digital	907622	230/460/575 V, 60 Hz		
SubArc DC 800 Digital (50 Hz) CE	907623	380/400/440 V, 50 Hz		
SubArc DC 1000 Digital	907624	230/460/575 V, 60 Hz		
SubArc DC 1250 Digital (50 Hz) CE	907625	380/400/440 V, 50 Hz		
SubArc AC/DC Digital	907620	460 V, 60 Hz		
SubArc AC/DC 1250 Digital (50 Hz) CE	907621	380/400 V, 50 Hz		
2a Interface Controls and Cables				
SubArc Interface Digital	300936	CV, AC/DC digital control		
SubArc Control Cables		See page 9		
2b				
SubArc Motor Control Digital	301425	Motor control for Remote Pendant Digital		
SubArc Remote Pendant Digital	301424	CV, AC/DC digital control, requires 301425 and Continuum motor/control cable		
Continuum Motor/Control Cables		See page 9		
SubArc Control Cables		See page 9		
3 Drive Motors, Extension Cables and Rolls				
SubArc Wire Drive 400 Digital Low Voltage	300938	Standard-speed right-angle drive assembly		
Motor Extension Cables (if needed)		See page 9		
Drive Rolls		See page 9		
4a Single-Wire Torches, Straightener and Tips				
OBT 600	043923	600 amps, 100% duty cycle, air cooled		
OBT 1200	043900	1,200 amps, 100% duty cycle, air cooled		
OBT Torch Body Extensions (if needed)		See page 9		
Single-Wire Straightener	199733	For single-wire torches		
Contact Tips		See page 9		
4b Twin-Wire Torch, Straightener and Tips				
1200-Amp Twin-Wire Torch	301144	Long, 16.8 in. (427 mm), 1,200 amps, 100% duty cycle		
Twin-Wire Straightener	301160	Single adjustment for twin-wire torch only		
Contact Tips		See page 9		
5 Flux Hopper and Cables				
SubArc Flux Hopper Digital Low Voltage	300942	25 lb. (11 kg) flux capacity		
Flux Hopper Extension Cables (if needed)		See page 9		
6 Reel/Spool Assembly				
Wire Reel	108008	For 60 lb. (27 kg) coil, requires 119438		
Spool Support Assembly	119438			
7 Slide				
Single Manual Slide	301137	7.87 in. (200 mm) travel adjustment		
Accessories				
SubArc Digital Converter		See page 8		
SubArc Parallel/Tandem Cables		See page 9		
SubArc Brackets/Hinge		See page 10		
SubArc 3-Wheel Tractor/Portable Welding System		See page 10		
Welding Intelligence™		See page 10		

Date:

Total Quoted Price:

Distributed by:

