Issued August 2017 • Index No. AD/7.3

SubArc Digital Series

Submerged Arc Welding Power Source



Quick **Specs**

Heavy Industrial Applications

Railcar Shipbuilding Heavy fabrication Pipe manufacturing Pressure vessel

Processes

Submerged arc (SAW) Electroslag (ESW) Air carbon arc cutting and gouging (CAC-A) **Input Power** Requires 3-phase power

Rated Output

DC 650/800: 650 A at 44 V, 100% duty cycle DC 1000/1250: 1,000 A at 44 V, 100% duty cycle AC/DC: 1,000 A at 44 V, 100% duty cycle

SubArc Digital Series

- Choice of three power sources, two interface controls and a range of wire drive motors and accessories
- Digital process control technology
- Highly reliable thyristor power regulation Digital control and communication electronics
- improve weld performance and simplify the integration of the equipment in more advanced applications



SubArc DC 650/800 Digital

Easy to integrate. Our SubArc power

sources are easy to

integrate by using a standard Modbus® connection. Different levels of integration are possible, from simple remote operation to more complex automated systems.



Two DC power source models and one AC/DC power source model. Power sources have sufficient power capacity to cover applications from traditional DC single-arc to multi-wire tandem welding. In the case of electroslag welding or other high-current demand, two or more power sources can easily be paralleled (both DC and AC/DC machines).



Power source is warranted for three years, parts and labor. Original main power rectifier parts are warranted for five years.



Miller Electric Mfg. Co. An ITW Welding Company

1635 West Spencer Street P.O. Box 1079 Appleton, WI 54912-1079 USA

Equipment Sales US and Canada

SubArc AC/DC Digital

Phone: 866-931-9730 FAX: 800-637-2315 International Phone: 920-735-4554 International FAX: 920-735-4125

Easier setup and operation.

The SubArc Digital Series interface controls recognize the power source and wire drive connected, and automatically configure the system for proper operation. The easy-tounderstand interface provides the operator with the necessary controls to set process parameters and control output. The power sources feature simplified parallel and tandem setups — just plug the cable into the appropriate connectors.

Improved flux delivery system.

Our SubArc flux hopper utilizes a flux valve mechanism that assures continuous delivery of flux to the arc. The unique valve design provides a barrier between the flux and actuation device to help prevent jamming of the solenoid actuator due to dust and debris. A sight glass is provided on the front of the flux hopper allowing the weld operator to visually monitor the remaining flux in the hopper.

Low-voltage accessory operation and improved environmental protection. The digital series accessories are powered with 24 VAC control voltage from the

power source. All power sources, interface controls and wire drives are IP23 rated providing a high level of protection for harsh environments.

All power sources also feature thermal overload protection, line voltage compensation and Fan-On-Demand[™]

Miller recommends









SubArc DC Digital



SubArc DC 650/800 Digital and DC 1000/1250 Digital

cover most single- and twin-wire applications. These traditional transformer/rectifier power sources combine high efficiency with the highest reliability. They also feature state-of-the-art digital-control electronics to provide best-in-class welding performance and repeatability.

SubArc DC Digital Specifications (Subject to change without notice.)



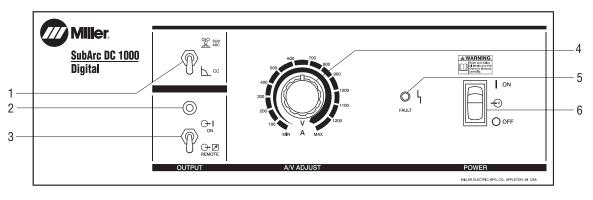
| Model | Amperage/ Voltage Ranges | Rated Output | IP Rating | Load | Output, | t Rated , 60 Hz 575 V | Load | Output, | t Rated 50 Hz 440 V | | ĸw | Maximum Open-Circuit Voltage DC** | Dimensions | Net Weight |
|---------------------------|--------------------------------|-------------------------------------|--------------|-------------|------------|-----------------------------|-------------|-------------|---------------------------|-------------|---------------|---|--|---------------------|
| SubArc DC 650 Digital | 50–815 A in CC mode | 650 A at 44 V, 100% duty cycle | IP23 | 126 3.8* | 63 1.9* | 50.4 1.4* | _ | _ | _ | 50 1.52* | 34.8 0.76* | 75 Vpk | H: 30 in. (762 mm) (including lift eye) | 593 lb. (269 kg) |
| SubArc DC 800 Digital | 20–44 V in sub arc mode | 815 A at 44 V, 60% duty cycle | | _ | _ | _ | 95 1.9* | 90 1.8* | 83 1.6* | | | | W: 23 in. (584 mm) D: 38 in. (965 mm) (not including | 603 lb. (273 kg) |
| SubArc DC 1000 Digital | 100–1,250 A in CC mode | 1,000 A at 44 V, 100% duty cycle | IP23 | 180 5.8* | 90 2.9* | 72 2.4* | _ | _ | _ | 73 3.2* | 53 0.5* | 68 Vpk | strain relief) | 682 lb. (309 kg) |
| SubArc DC 1250 Digital | 20–44 V in sub arc mode | 1,250 A at 44 V, 60% duty cycle | | _ | _ | _ | 135 5.2* | 128 5.0* | 117 4.5* | | | | | 681 lb. (309 kg) |

*While idling. **Open-circuit voltages in CV mode are factory set at values less than indicated for CC.

👀 SubArc DC 650 Digital and DC 1000 Digital models are certified by Canadian Standards Association to both the Canadian and U.S. Standards.

CE All SubArc DC Digital models are manufactured and certified in accordance with IEC-60974-1, -10.

SubArc DC Digital Control Panel



1. Process Selector Switch

- 2. Output Indicator Light
- 3. Output Switch (Contactor)

- 4. Amperage/Voltage Adjustment Control
- 5. Fault Indicator
- 6. Power Switch



SubArc AC/DC Digital



SubArc AC/DC Digital and SubArc AC/DC 1250

Digital. AC welding output enables the SubArc AC/DC to be used in tandem-arc welding systems with a DC lead arc and AC trailing arc, or with AC/AC arc combinations. Using multiple arcs increases deposition rate, resulting in shorter welding cycles for very thick weldments without compromising quality. All AC balance control modes can be set on the SubArc Interface Digital

or the SubArc Remote Pendant Digital. These easy-to-understand interfaces include two DC modes and 12 best-practice AC balance settings. In multiple-arc configurations, the system automatically adjusts the phase shifting between power sources thereby eliminating arc interaction. There is no need to employ a laptop PC for complex wave shaping before operation.

CC

SubArc AC/DC Digital Specifications (Subject to change without notice.)

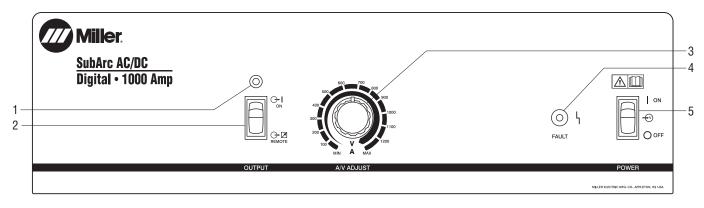
| Model | Amperage/ Voltage Ranges | Rated Output | IP Rating | Amps In Load Ou 460 V (60 Hz) | put at Rat tput 380 V (50 Hz) | ed 400 V (50 Hz) | KVA | KW | Maximum Open-Circuit Voltage DC | Dimensions | Net Weight |
|------------------------------|--------------------------------------|---|--------------|--|--|------------------------|--------------|-------------|---------------------------------------|---|-----------------------|
| SubArc AC/DC Digital | 300–1,250 A in CC mode 20–44 V | 1,000 A at 44 V, 100% duty cycle 1,250 A at 44 V. | IP23 | 122 3.0* | | | 98 2.37* | 53 0.95* | 93 Vpk | H: 43 in. (1,092 mm) <i>(including lift eye)</i> W: 28 in. (711 mm) | 1,187 lb. (538 kg) |
| SubArc AC/DC 1250 Digital | in sub arc mode | 60% duty cycle | | _ | 179 3.0* | 176 3.0* | 122 2.37* | 67 0.95* | | D: 48 in. (1,219 mm) (not including strain relief) | 1,260 lb. (572 kg) |

*While idling.

SubArc AC/DC Digital is certified by Canadian Standards Association to both the Canadian and U.S. Standards.

E Both SubArc AC/DC Digital models are manufactured and certified in accordance with IEC-60974-1, -10.

SubArc AC/DC Digital Control Panel



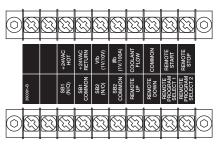
- 1. Output Indicator Light
- 2. Output Switch (Contactor)
- 3. Amperage/Voltage Adjustment Control
- 4. Fault Indicator
- 5. Power Switch



SubArc Interface



SubArc Interface Digital



Internal terminal strip is able to integrate with positioners, sidebeams, turning rolls and other peripheral equipment.

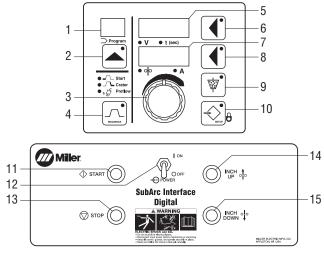
SubArc Interface Specifications (Subject to change without notice.)

| Model | Input Power from Welding Power Source | Welding Power Source Type | Weld Voltage and Amperage Capacity | Dimensions | Net Weight |
|-----------------------------|--|--|---------------------------------------|---|----------------------|
| SubArc Interface Digital | 24 VAC, single-phase, 25 A, 50/60 Hz | Constant voltage (CV), AC or DC, with remote contactor and output control capabilities | 0-100 V 0-1,500 A | H: 11.5 in. (292 mm) W: 12 in. (305 mm) D: 7 in. (178 mm) | 15.8 lb. (7.2 kg) |

() Certified by Canadian Standards Association to both the Canadian and U.S. Standards.

(E) Manufactured according to the Standard IEC-60974-1, -5, -10.

SubArc Interface Control Panel



SubArc Interface Digital

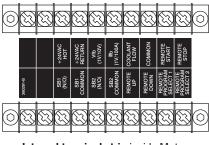
- 1. Program Display
- 2. Program Push Button
- 3. Adjust Control
- 4. Sequence Push Button
- 5. Upper Display
- 6. Upper Display Push Button
- 7. Lower Display
- 8. Lower Display Push Button
- 9. Flux Push Button
- 10. Setup Push Button
- 11. Start Button
- 12. Power Switch
- 13. Stop Button
- 14. Wire Inch Up
- 15. Wire Inch Down



SubArc Remote Operator Interface



Motor Control Digital



Internal terminal strip inside Motor Control Digital is able to integrate with positioners, sidebeams, turning rolls and other peripheral equipment.



Remote Pendant Digital

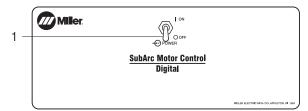
SubArc Remote Operator Interface Specifications (Subject to change without notice.)

| Model | Input Power from Welding Power Source | Welding Power Source Type | Weld Voltage and Amperage Capacity | Dimensions | Net Weight |
|---------------------------|--|--|---------------------------------------|---|----------------------|
| Motor Control Digital | 24 VAC, single-phase, 25 A, 50/60 Hz | Constant voltage (CV), AC or DC, with remote contactor and output control capabilities | 0-100 V 0-1,500 A | H: 11.5 in. (292 mm) W: 12 in. (305 mm) D: 7 in. (178 mm) | 15.8 lb. (7.2 kg) |
| Remote Pendant Digital | 42 VDC, 1 A | | | H: 11 in. (279 mm) W: 10.63 in. (270 mm) D: 3.125 in. (80 mm) | 3 lb. (1.4 kg) |

() Certified by Canadian Standards Association to both the Canadian and U.S. Standards.

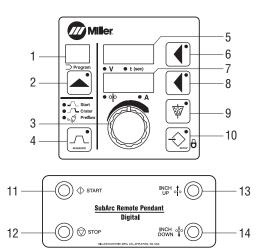
Manufactured according to the Standard IEC-60974-1, -5, -10.

SubArc Remote Operator Interface Control Panels



Motor Control Digital

1. Power Switch



Remote Pendant Digital

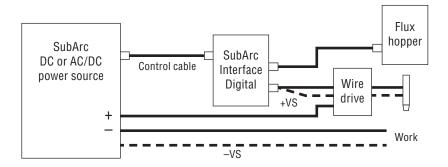
- 1. Program Display
- 2. Program Push Button
- 3. Adjust Control
- 4. Sequence Push Button
- 5. Upper Display
- 6. Upper Display Push Button
- 7. Lower Display

- 8. Lower Display Push Button
- 9. Flux Push Button
- 10. Setup Push Button
- 11. Start Button
- 12. Stop Button
- 13. Wire Inch Up
- 14. Wire Inch Down



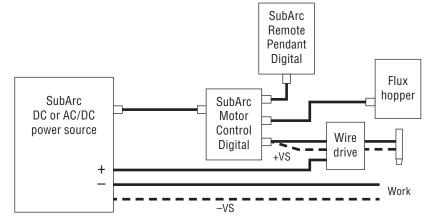
SubArc Interface and Remote Operator Interface Setups

SubArc Interface Setup

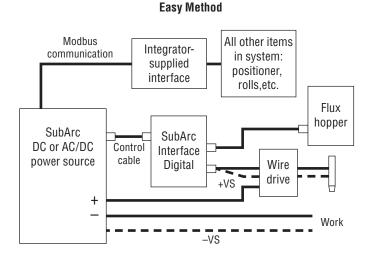


The positive sense lead is integrated in the wire feeder motor cable and control cable. A customer supplied negative sense lead is required for optimal performance.

SubArc Remote Operator Interface Setup

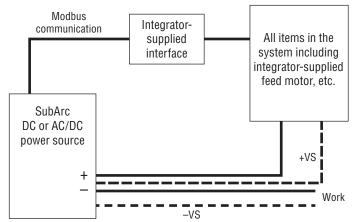


SubArc Modbus[®] Setups



Easy method of integrating standard components while controlling them over Modbus communication. Using the standard SubArc interface, wire feed motor and flux hopper, an integrator can remotely adjust settings and operation of the SubArc interface. A separate document with interfacing information is available.

High-Level Method



High-level method where the integrator solely uses the digital power sources and controls them over Modbus communication. Benefits from Miller technology-driven arc performance while integrating into a custom-made welding solution.



SubArc System Parallel and Tandem Setups

Parallel Connections

DC or AC/DC following unit(s)

DC or AC/DC controlling unit

Parallel setup. Only like power sources can be paralleled. Paralleling of two machines to increase maximum welding current is simply done by connecting the paralleling cable from RC2 on the first unit to RC1 on the second unit. This works for both DC as well as AC/DC machines. Daisy chaining multiple machines to gain higher output is done in the same way. No special tools, laptop or software needed... plug and play.

RC1 RC1 RC3 RC2 RC3 RC2 (Blue) (White) (Blue) (White) 00 To work To work White To RC1 on next unit To electrode

Tandem Connections

DC or AC/DC lead unit AC trail unit(s) RC1 RC1 RC3 RC3 RC2 RC2 (Blue) (White) (Blue) (White) 00 To AC or DC To AC output To work To work output electrode #2 electrode #1 To RC3 on White Blue next AC unit

Tandem setup. To use two or more AC arcs, the arc must be phase shifted to prevent arc to arc interaction. This is simply done by connecting the tandem cable from RC2 on the first unit to RC3 on the second unit. This automatically sets the optimum phase shift for AC welding. No special tools, laptop or software needed... plug and play.

Wire Drive Assemblies



SubArc Strip Drive 100 Digital Low Voltage 300940

Heavy-duty, right-angle wire drive assembly with mounting bracket. Designed for automated strip clad applications.



SubArc Wire Drive 400 Digital Low Voltage 300938 Standard-speed, right-angle wire drive assembly.

Wire Drive Assembly Specifications (Subject to change without notice.)

| Model | Input Power | Input Power Cord | Rating | Wire Feed Speed | Wire Diameter Capacity | Net Weight |
|---|-------------|------------------|----------------|---------------------------------|-----------------------------------|------------------|
| SubArc Strip Drive 100 Digital Low Voltage | 38 VDC | 4 ft. (1.2 m) | 1/5 hp, 21 rpm | 10–69 ipm (0.3–1.6 m/min.) | N/A (strip cladding applications) | 29 lb. (13 kg) |
| SubArc Wire Drive 400 Digital Low Voltage | 38 VDC | 4 ft. (1.2 m) | 1/5 hp, 85 rpm | 30–400 ipm (0.8–10.2 m/min.) | 3/32-3/16 in. (2.4-4.8 mm) | 26 lb. (11.8 kg) |



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) |
| 193701 | 3/16 in. (4.8 mm) |

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) 260622100 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.



SubArc Parallel Cable 260775015 15 ft. (4.6 m)



SubArc Tandem Cable 260878015 15 ft. (4.6 m)

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 1 in. (25.4 mm) 2 in. (50.8 mm) 4 in. (101.6 mm) 6 in. (152.4 mm)



OBT 1200 043900

1,200 amps at 100 percent duty cycle. For 1/16-3/16 inch (1.6-4.8 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) |
| _ | 192136 | 3/16 in. (4.8 mm) |



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.

1200-Amp Twin-Wire Torch Contact Tips

264595 3/64 in. (1.2 mm) 264596 1/16 in. (1.6 mm) 264597 5/64 in. (2.0 mm) 264588 3/32 in. (2.4 mm)



30–90 mm External Cladding Head 301167 3,000 amps at 100 percent duty cycle. For 30–90 mm strip. Water-cooled external cladding head is for use with submerged arc and electroslag cladding. See literature AY/52.0 for more information.



Accessories (continued)



Single-Wire Straightener 199733

For use with OBT 600 and OBT 1200 single-wire torches. For 1/16-3/16 inch (1.6-4.8 mm) wires.



Twin-Wire Straightener 301160 Single adjustment 301162 Double/separate 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-hoppermounted 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 951714

SubArc 3-Wheel Tractor package includes SubArc 3-Wheel Tractor, SubArc Tractor Interface (weld and travel control), SubArc Wire Drive 400, 10-pound (4.5 kg) capacity manual flux hopper with 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-toweld 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.

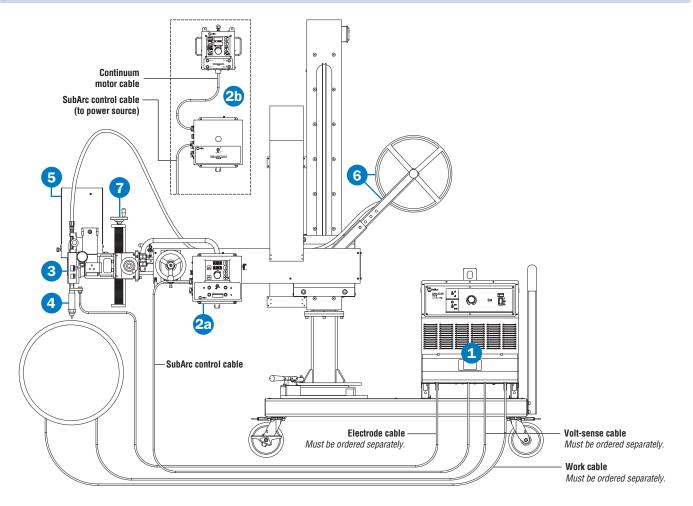


Insight Core™ to SubArc Digital Series Adapter 301295

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.
- 📀 External Cladding Head (for use SubArc Strip Drive 100 Digital Low Voltage drive motor) See page 9.

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.

Manual Slide 7

See page 10.



Ordering Information

| Equip | ment 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 | | |
| 210 | 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 | | - |
| - | | | F | | |
| 3 | Drive Motors, Extension Cables and Rolls | 200040 | Lloour duty, right angle wire drive accombly for strip sladding | | |
| | SubArc Strip Drive 100 Digital Low Voltage | 300940 | Heavy-duty, right-angle wire drive assembly for strip cladding | | _ |
| | SubArc Wire Drive 400 Digital Low Voltage | 300938 | Standard-speed right-angle drive assembly See page 9 | | _ |
| | Motor Extension Cables (if needed) Drive Rolls | | | | |
| | | | See page 9 | | |
| a | 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 | | |
| łb | 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 301162 | Single adjustment for twin-wire torch only Double/separate adjustment for twin-wire torch only | | |
| | Contact Tips | | See page 9 | | |
| 1c | Cladding Head | | | | |
| 5 | 30–90 mm External Cladding Head | 301167 | 3,000 amps, 100% duty cycle, water-cooled | | |
| | Flux Hopper and Cables | | | | - |
| 5 | SubArc Flux Hopper Digital Low Voltage | 300942 | 25 lb. (11 kg) flux capacity | | |
| | Flux Hopper Extension Cables (if needed) | JUUUTL | See page 9 | | |
| | | | ····· | | |
| 6 | Reel/Spool Assembly Wire Reel | 100000 | Ear 60 lb (27 kg) and requires 110/29 | | _ |
| | Spool Support Assembly | 108008 119438 | For 60 lb. (27 kg) coil, requires 119438 | | |
| _ | | 119430 | | | |
| 7 | Slide | | | | _ |
| | Single Manual Slide | 301137 | 7.87 in. (200 mm) travel adjustment | | |
| cces | sories | | | | |
| ubA | rc Parallel/Tandem Cables | | See page 9 | | |
| SubA | rc Brackets/Hinge | | See page 10 | | |
| ubA | rc 3-Wheel Tractor/Portable Welding System | | See page 10 | | |
| Veldi | ng Intelligence™ | | See page 10 | | |

Date:

Distributed by:

Total Quoted Price:

