SubArc Digital Series

**Quick Specs**

<table>
<thead>
<tr>
<th>Heavy Industrial Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Railcar</td>
</tr>
<tr>
<td>Shipbuilding</td>
</tr>
<tr>
<td>Heavy fabrication</td>
</tr>
<tr>
<td>Pipe manufacturing</td>
</tr>
<tr>
<td>Pressure vessel</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Processes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submerged arc (SAW)</td>
</tr>
<tr>
<td>Electroslag (ESW)</td>
</tr>
<tr>
<td>Air carbon arc cutting</td>
</tr>
<tr>
<td>and gouging (CAC-A)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Input Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requires 3-phase power</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rated Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC 650/800: 650 A at 44 V, 100% duty cycle</td>
</tr>
<tr>
<td>DC 1000/1250: 1,000 A at 44 V, 100% duty cycle</td>
</tr>
<tr>
<td>AC/DC: 1,000 A at 44 V, 100% duty cycle</td>
</tr>
</tbody>
</table>

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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-to-understand 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™.

---

Power source is warranted for three years, parts and labor. Original main power rectifier parts are warranted for five years.
SubArc DC Digital Specifications (Subject to change without notice.)

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

*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.

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.

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Amperage/Voltage Ranges</th>
<th>Rated Output</th>
<th>IP Rating</th>
<th>Amps Input at Rated Load Output</th>
<th>Maximum Open-Circuit Voltage DC</th>
<th>Dimensions</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>SubArc AC/DC Digital</td>
<td>300–1,250 A in CC mode</td>
<td>1,000 A at 44 V, 100% duty cycle</td>
<td>IP23</td>
<td>122 3.0* 2.37* 0.95* 93 Vpk</td>
<td>43 in. (1,092 mm) (including lift eye)</td>
<td>1,187 lb. (538 kg)</td>
<td></td>
</tr>
<tr>
<td>SubArc AC/DC 1250 Digital</td>
<td>20–44 V in sub arc mode</td>
<td>1,250 A at 44 V, 60% duty cycle</td>
<td>— 179 3.0* 3.0* 2.37* 0.95*</td>
<td>48 in. (1,219 mm) (not including strain relief)</td>
<td>1,260 lb. (572 kg)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*While idling.

- SubArc AC/DC Digital is certified by Canadian Standards Association to both the Canadian and U.S. Standards.
- 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 Specifications (Subject to change without notice.)

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Power from Welding Power Source</th>
<th>Welding Power Source Type</th>
<th>Weld Voltage and Amperage Capacity</th>
<th>Dimensions</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>SubArc Interface Digital</td>
<td>24 VAC, single-phase, 25 A, 50/60 Hz</td>
<td>Constant voltage (CV), AC or DC, with remote contactor and output control capabilities</td>
<td>0–100 V</td>
<td>H: 11.5 in. (292 mm)</td>
<td>15.8 lb. (7.2 kg)</td>
</tr>
<tr>
<td>SubArc Interface Analog</td>
<td>24 VAC, single-phase, 25 A, 50/60 Hz</td>
<td>Constant current (CC), constant voltage (CV), DC with remote contactor and output control capabilities</td>
<td>0–60 V</td>
<td>W: 12 in. (305 mm)</td>
<td>15.8 lb. (7.2 kg)</td>
</tr>
</tbody>
</table>

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

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

SubArc Interface Control Panels

1. Jog Speed
2. Preflux Time 0–10 Seconds
3. Run-In Speed
4. CC/CV Switch (Located on Right Side of Access Panel)
5. Crater/Burnback Output
6. Crater Speed
7. Crater Time 0–5 Seconds
8. Burnback Time 0–5 Seconds
9. Postflow Time 0–10 Seconds
10. Voltage Meter
11. Power Switch
12. Output Control Knob
13. Start Button
14. Stop Button
15. Amperage Meter
16. Wire Feed Speed Control Knob
17. Indicator Light
18. Wire Inch Up
19. Wire Inch Down
SubArc Remote Operator Interface Specifications (Subject to change without notice.)

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

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

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

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

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 Modbus™ Setups**

**Easy Method**
- Integrator-supplied interface
- All other items in system: positioner, rolls, etc.
- Flux hopper

**High-Level Method**
- Integrator-supplied interface
- All items in the system including integrator-supplied feed motor, etc.

**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** 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 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.

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.

SubArc Wire Drive 780 Digital Low Voltage 300941
High-speed, right-angle wire drive assembly.

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Power</th>
<th>Input Power Cord</th>
<th>Rating</th>
<th>Wire Feed Speed</th>
<th>Wire Diameter Capacity</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>SubArc Strip Drive 100 Digital Low Voltage</td>
<td>38 VDC</td>
<td>4 ft. (1.2 m)</td>
<td>1/5 hp, 21 rpm</td>
<td>10–69 ipm (0.3–1.6 m/min.)</td>
<td>N/A (strip cladding applications)</td>
<td>29 lb. (13 kg)</td>
</tr>
<tr>
<td>SubArc Wire Drive 400 Digital Low Voltage</td>
<td>38 VDC</td>
<td>4 ft. (1.2 m)</td>
<td>1/5 hp, 85 rpm</td>
<td>30–400 ipm (0.8–10.2 m/min.)</td>
<td>3/32–3/16 in. (2.4–4.8 mm)</td>
<td>26 lb. (11.8 kg)</td>
</tr>
<tr>
<td>SubArc Wire Drive 780 Digital Low Voltage</td>
<td>38 VDC</td>
<td>4 ft. (1.2 m)</td>
<td>1/4 hp, 143 rpm</td>
<td>50–780 ipm (1.3–19.8 m/min.)</td>
<td>1/16–1/8 in. (1.6–3.2 mm)</td>
<td>26 lb. (11.8 kg)</td>
</tr>
</tbody>
</table>
### 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)
  - 260622100 100 ft. (30.5 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 1/16–3/16 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: 043923
      - 192700 1/16 in. (1.6 mm)
      - 192701 5/64 in. (2.0 mm)
      - 192702 3/32 in. (2.4 mm)
      - 192703 7/64 in. (2.8 mm)
      - 192704 1/8 in. (3.2 mm)
    - OBT 1200: 043900
      - 192141 1/16 in. (1.6 mm)
      - 199026 5/64 in. (2.0 mm)
      - 192142 3/32 in. (2.4 mm)
      - 200771 7/64 in. (2.8 mm)
      - 192143 1/8 in. (3.2 mm)
    - 043981 5/32 in. (4.0 mm)
    - 192136 3/16 in. (4.8 mm)
- **1200-Amp Single-Wire Torch**
  - 301141 Short, 11.3 in. (288 mm). 1,200 amps at 100 percent duty cycle. For 1/16–5/32 in. (1.6–4.0 mm) wires.
  - **1200-Amp Single-Wire Torch Contact Tips**
    - 264590 1/16 in. (1.6 mm)
    - 264591 5/64 in. (2.0 mm)
    - 264487 3/32 in. (2.4 mm)
    - 264593 1/8 in. (3.2 mm)
    - 264594 5/32 in. (4.0 mm)
- **1200-Amp Twin-Wire Torches**
  - 301143 Short, 11.3 in. (288 mm)
  - 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, OBT 1200 and 1200-amp 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 torches 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.

**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.

**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 Tractor**
300945 Tractor only
951614 Digital weld control package
951615 Analog weld control package
SubArc tractor packages include SubArc tractor with remote start/stop control and guide rolls, SubArc Interface weld controller (digital or analog), SubArc Wire Drive 400 for tractor, 25-pound (11.3 kg) capacity flux hopper with valve, 60-pound (27 kg) wire reel, OBT 600 torch and wire straightener. See literature AD/7.5 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 OR Analog** — See page 12. Requires a SubArc control cable to connect power source to interface. 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 torches and required contact tips. See page 10 for optional wire straightener.
   
   c **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.

7 **Manual Slide**
   
   See page 10.
<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>907622</td>
<td>230/460/575 V, 60 Hz</td>
</tr>
<tr>
<td>907623</td>
<td>230/460/575 V, 50 Hz</td>
</tr>
<tr>
<td>907624</td>
<td>230/460/575 V, 60 Hz</td>
</tr>
<tr>
<td>907625</td>
<td>230/460/575 V, 50 Hz</td>
</tr>
<tr>
<td>907620</td>
<td>460 V, 60 Hz</td>
</tr>
<tr>
<td>951618</td>
<td>575 V, 60 Hz with 575 V to 460 V step-down transformer</td>
</tr>
<tr>
<td>300936</td>
<td>CV, AC/DC digital control</td>
</tr>
<tr>
<td>300937</td>
<td>CC/CV, DC analog control</td>
</tr>
<tr>
<td>301425</td>
<td>Motor control for Remote Pendant Digital</td>
</tr>
<tr>
<td>301424</td>
<td>CV, AC/DC digital control, requires 301425 and Continuum motor/control cable</td>
</tr>
<tr>
<td>300940</td>
<td>Heavy-duty, right-angle wire drive assembly for strip cladding</td>
</tr>
<tr>
<td>300938</td>
<td>Standard-speed right-angle drive assembly</td>
</tr>
<tr>
<td>300941</td>
<td>High-speed right-angle drive assembly</td>
</tr>
<tr>
<td>043923</td>
<td>600 amps, 100% duty cycle, air cooled</td>
</tr>
<tr>
<td>043900</td>
<td>1,200 amps, 100% duty cycle, air cooled</td>
</tr>
<tr>
<td>301141</td>
<td>Short, 11.3 in. (288 mm), 1,200 amps, 100% duty cycle</td>
</tr>
<tr>
<td>301143</td>
<td>Short, 11.3 in. (288 mm), 1,200 amps, 100% duty cycle</td>
</tr>
<tr>
<td>301144</td>
<td>Long, 16.8 in. (427 mm), 1,200 amps, 100% duty cycle</td>
</tr>
<tr>
<td>301140</td>
<td>Single adjustment for twin-wire torches only</td>
</tr>
<tr>
<td>301160</td>
<td>Double/separate adjustment for twin-wire torches only</td>
</tr>
<tr>
<td>301167</td>
<td>3,000 amps, 100% duty cycle, water-cooled</td>
</tr>
<tr>
<td>300942</td>
<td>25 lb. (11 kg) flux capacity</td>
</tr>
<tr>
<td>108008</td>
<td>For 60 lb. (27 kg) coil, requires 119438</td>
</tr>
<tr>
<td>301137</td>
<td>7.87 in. (200 mm) travel adjustment</td>
</tr>
<tr>
<td></td>
<td>Total Quoted Price:</td>
</tr>
</tbody>
</table>