ArcWorld® C-30
with DX200 Controller

KEY BENEFITS
- Designed specifically for high-mix production of small- to medium-sized parts
- Ideal for low- to medium-volume fabrication requirements
- Workcell is shipped pre-assembled on a common base
- Small footprint for efficient use of space
- Pneumatic-operated door guard for operator safeguarding
- Electromechanical dual-channel safety switch to prevent access to robot during weld process
- Complete sheet metal enclosure for arc flash protection
- Full size MA1440 robot allows for greater part coverage
- Functional Safety Unit to monitor robot position and movement
- World’s fastest MA1440 arc welding robot can reduce cycle time by 15 percent, greatly enhancing productivity
- MA-series robots are backed by the industry’s only two-year torch cable warranty
- Stationary table for low cost
- Table can be customized with ergonomic part fixtures
- Easy access to components for simplified maintenance and fast service
- Cable routing in covered tray under table for improved life and minimized trip hazard
- Ideally suited to job shops with Kinetiq Teaching™ option
- DX200 controller with dual-channel safety circuitry

SPECIFICATIONS
- 150 kg table payload capacity
- 1,800 x 690 mm max part size
- 1,651 x 2,159 mm table area
**ARCWORLD C-30**

**SPECIFICATIONS**

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<tr>
<th>MA1440 Robot</th>
<th>Operator Control</th>
<th>DX200 Controller</th>
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<td>6 kg payload</td>
<td>E-Stop</td>
<td>Programming pendant with single point of control</td>
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<tr>
<td>1,440 mm reach</td>
<td>Illuminated push button cycle start (latching relay interlocked for safety)</td>
<td>Large color touch screen</td>
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<tr>
<td><strong>ArcWorld Welding Package</strong></td>
<td>Total Safety Environment (in compliance with ANSI/RIA R15.06-2012 and Canadian safety standards)</td>
<td>USB and CF card memory storage</td>
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<tr>
<td>Weld-in-Teach mode function</td>
<td>Single point of operator control</td>
<td>Standard workcell software functions</td>
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<tr>
<td>Graphic arc files</td>
<td>Barrier guarding with protective solid panels</td>
<td>Multi-tasking (up to 7 jobs at once)</td>
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<td>Digital weld interface</td>
<td>Cycle start button interlocked with safeguards</td>
<td>Mirror copy</td>
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<tr>
<td>Integrated Tregaskiss air-cooled torch package</td>
<td>Pneumatic operated door guard</td>
<td>Ladder logic editing/display</td>
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<td>Arm-mounted 4-roll wire feeder</td>
<td>Functional Safety Unit (FSU) to monitor station axis on operator side</td>
<td>Collision detection</td>
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<td>Welding power source</td>
<td></td>
<td>Software weaving</td>
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**KINETIQ TEACHING OPTION**

Ideal for new and experienced welding programmers
Direct teaching is more intuitive and reduces programming time
App-style, icon-based menus are easy to learn
Significantly reduces training and programming time for low-volume, high-mix batch production

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