



- The fast and graphical interface makes all operations practical.
- Welding parameters are adjusted easily and quickly.
- With full trajectory learning, the robot arm can be dragged by hand to quickly create a position or trajectory.
- Teaching and programming processes are completed in a short time.
- Created trajectories can be easily converted into a welding procedure through graphical programming.
- The welding process package supports digital/analog signal and DeviceNet control.
- Parameters such as voltage, current, and baud rate can be configured quickly.
- Functions such as arc start, arc detection, wire forward/backward, and gas control can be directly controlled.
- In emergency stop or pause situations, the robot arm immediately stops the welding.
- Collision detection reduces risks in hazardous environments.
- Compatible with linear, triangular, spiral, trapezoidal, and sinusoidal shapes

Weight (kg)	Kg	40
Payload (kg)	Kg	10
Working Radius (mm)	mm	1300
Max Reach (mm)	mm	1525
Rated Voltage (V)	V	DC48
Maximum Speed of TCP (m/sn)	m/sn	4
Repeatability (mm)	mm	±0.03
Communication		DI-16, DI/DO-16, AI/AO-2, ABZ Incremental Enc-1
IP Rating	IP	IP54
Temperature	°C	0°C-45°C
Power (W)	W	350
Materials		Aluminum alloy, ABS plastic

## ADVANTAGES OF COBOT WELDING APPLICATIONS

 **EASY PROGRAMMING**  
Fast teaching with hand guidance and an intuitive interface

 **FAST INSTALLATION**  
Requires minimal integration: short commissioning time

 **LOW CELL COST**  
Does not require protective barriers or complex safety systems

 **FLEXIBLE PRODUCTION**  
Fast job changeover, high efficiency in low and medium-volume production

 **PORTABILITY**  
Can be easily moved to different stations thanks to its lightweight structure

 **SAFE OPERATION**  
Built-in torque sensors and collision detection allow cage-free operation

 **SPACE SAVING**  
Compact structure; suitable for narrow workspaces

 **REPEATABLE WELD QUALITY**  
Stable arc and precise control ensure consistent weld quality

## STANDARD & OPTIONAL EQUIPMENTS

<p>This order code includes the cobot, control unit, and pendant.</p> <p><b>6021000121</b></p>							
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