



Copilot™

Collaborative Welding System

Copilot is an entry-level collaborative welding cell for welders new to robotic welding. It's available in air-cooled and water-cooled configurations.

This small, affordable welding cell delivers the productivity and repeatability of robotic welding and utilizes the capabilities of collaborative robotics.



MIL951000110
Miller collaborative robot
with robotic arm, work
surface and mobile cart

1 Yr. Warranty.

Major components except torches, consumables, and power supplies.

Refer to specific component warranty for more information.



Entry-level collaborative welding cell. Operator loads and unloads from a single station that can be shared with the robot envelope. Great for new-to-automation welding challenges and for experienced robotic welders who need affordability and the ability to address high-mix, low-volume operating scenarios in a small footprint.

WELDING-CENTRIC SOFTWARE AND PROGRAMMING THAT IS EASY TO USE.

Ships partially assembled with a video setup guide and instructions. Copilot is mounted on castor wheels for easy positioning and placement.

Easy to relocate. Relocate your cobot workstation in four easy steps: unplug equipment and raise leveling feet, push by hand, re-level feet, and plug in equipment.

Air-Cooled System Specifications

Input Power	Standard Arc Welding Configuration	Payload Capacity	Approximate Dimensions		Approximate Shipping Weight
Copilot: 110 V Auto Deltaweld™ 350: 208/230/460 V, 3-phase, or 230 V, 1-phase, 60 Hz	Arc welder: Miller Deltaweld™ 350 or 500 or Auto-Continuum™ 350 Wire drive: see below	680 kg (1,500 lbs) with feet 340 kg (750 lbs) with casters	Height: 2,134 mm (84") Width: 1,219 mm (48") Depth: 1,321 mm (52")	Max. tool height: Contact Miller Load height: 940 mm (37")	771 kg (1,700 lbs)

Part #	Description
MIL951000108	Includes Auto-Continuum™ 350, Auto-Continuum™ wire drive motor assembly, welding robot, TOUGH GUN® CA3 robotic MIG gun, integrated welding table, Strong Hand Tools® kit and all required interconnecting cables
MIL951000110	Includes Auto Deltaweld™ 350, Auto Deltaweld™ Basic fixed wire drive, welding robot, TOUGH GUN® CA3 robotic MIG gun, integrated welding table, Strong Hand Tools® kit and all required interconnecting cables
MIL951000111	Includes Auto Deltaweld™ 500 (575V), Auto Deltaweld™ Basic fixed wire drive, welding robot, TOUGH GUN® CA3 robotic MIG gun, integrated welding table, Strong Hand Tools® kit and all required interconnecting cables

Water-Cooled System Specifications

Input Power	Standard Arc Welding Configuration	Payload Capacity	Approximate Dimensions		Approximate Shipping Weight
Copilot: 110V Auto-Continuum™ 500: Auto-Line™ 230-575V, 3-phase, 50/60 Hz	Arc welder: Auto-Continuum™ 500 Wire drive: Auto-Continuum™ wire drive motor assembly	680 kg (1,500 lbs) with feet 340 kg (750 lbs) with castors	Height: 2,134 mm (84") Width: 1,219 mm (48") Depth: 1,321 mm (52")	Max. tool height: contact Miller Load height: 940 mm (37")	771 kg (1,700 lbs)

Part #	Description
MIL951000105	System includes Auto-Continuum™ 500, Auto-Continuum wire drive, welding robot, TOUGH GUN® CA3 Welding Cell robotic MIG gun with I.C.E.® technology, Coolmate™ 1.3 with 15 L (4 gallons) of coolant 11, integrated welding table with pull-out shelf for Coolmate, Strong Hand Tools® kit, and all required interconnecting cables

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