Phillips®

MOD-WELD®

Industry-Ready Robotic Welding Systems

MOD-WELD is an industry-proven robotic welding platform developed by APT and used in manufacturing environments. Education programs deploy the same production-capable system with added training, certifications, and software for instruction.

MOD-WELD CONFIGURATIONS

MOD-WELD CART

EDU. systems starting at $101,024.00

Built around the FANUC CRX-10iA cobot with tablet-based programming, hand-guided setup, a standardized fixture table, and support for **Fronius** or **Miller** power supplies. Touch Sensing and Through-Arc Seam Tracking included.

MOD-WELD TRAVELER

EDU. systems starting at $86,859.58

Designed to integrate into existing weld booths, this system uses a FANUC CRX-10iA cobot with a compact layout, teach and jog pendant, and preloaded Touch Sensing and Through-Arc Seam Tracking.

CONFIGURABLE FOR SPACE AND INSTRUCTION

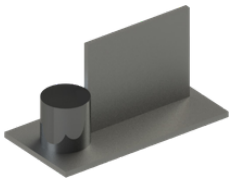
The MOD-WELD table cart system is designed around the FANUC CRX cobot's 49-inch reach envelope, with 16 mm fixture holes on 2-inch centers across the main and side carts for seamless integration. Radius-cut side carts maintain full access within the robot's working envelope. When fully assembled to 108 inches, the system provides space for torch access and allows students to work safely just outside the cobot's maximum reach.

PROJECT-BASED LEARNING OPTIONS

Welding Coupon Kit

Materials for AWS CRW-style robotic welding exercises and foundational weld training.

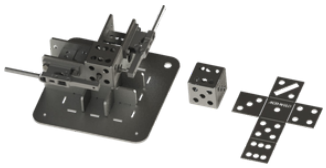
Includes: 10 sets of materials that includes bottom plate, vertical plate & solid



Weld Dice with Fixture

Reusable weld cubes that challenge students across MIG, TIG, and robotic welding applications.

ncludes: Fixture components, (2) toggle clamps, (10) Dicecoupon blanks.Weldand assembly print for fixture.



Dice Replenishment Kit

Additional weld coupons to extend hands-on training and repeated practice.

Includes: (10) Dice coupon blanks

Phillips Robotics

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Industry-Recognized Robotic Welding Education, With Built-In Grant Value

Eligible **MOD-WELD™** education systems qualify for the FANUC Education ARC Grant when purchased through approved FANUC Education Solution Providers using APT-developed robotic welding equipment.

This exclusive education grant helps schools reduce upfront costs while delivering industry-standard robotic welding training aligned with modern manufacturing environments.

WHAT THE GRANT PROVIDES

FANUC CERT Instructor Training & Certification

- Certified Education Training (CERT) for designated instructors
- Live and online FANUC ArcTool training
- Instructor tools, manuals, and simulation software

Advanced FANUC ArcTool Welding Software

- Industry-standard ArcTool (AT) software configuration
- Touch Sensing and Through-Arm Seam Tracking (TAST)
- Collision Guard, Torch Mate, 4D Graphics, and more
- Support for Fronius and Miller weld libraries

Advanced FANUC ArcTool Welding Software

- Web-based robotic welding courses
- ROBOGUIDE simulation licenses
- Tools that mirror real-world manufacturing workflows

Education programs receive industry-ready software and instructor certification at no additional cost

(Advanced CERT Software, instructor certification, and student resources included)
Each new school location qualifies independently for the FANUC Education ARC Grant.

ADDITIONAL SUPPORT

Curriculum alignment
Integrates robotic welding into existing coursework and labs.

Instructor onboarding
Supports confident teaching and effective lab instruction.

Lab layout and safety
Helps optimize space, workflow, and student safety.

Phased implementation
Allows programs to start small and expand over time.

Industry relevance
Ensures training reflects real manufacturing practices.

TALK TO AN EXPERT

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Contact us:

Email: Robotics@phillipscorp.com

Learn More: www.phillipscorp.com/robotics

EXCLUSIVE EDUCATION OFFER
Available only on APT and FANUC-developed robotic welding equipment
Sold through approved FANUC Education Solution Providers