

# ROBOTIC WELDING TRAINER

## Arc Mate Cart Features:

- Tinted sides to protect classroom  
*(helmet required for viewing)*
- FANUC Arc Mate 50iD/7L
- FANUC R30iB Plus controller
- Robot work area guarded for student safety

## CRX Cart Features:

- Fenceless *(helmet required for viewing)*
- FANUC CRX 10iA
- FANUC R30iB Plus Mini controller

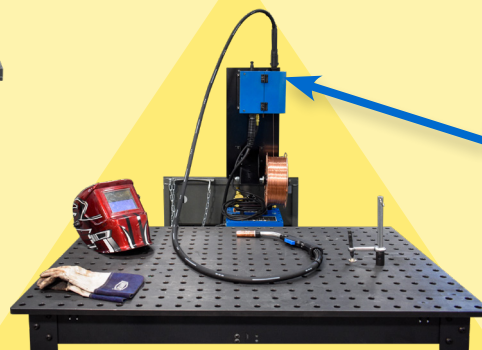
## FANUC ARC CERT:

- FANUC Education Grant ARC CERT Package for qualified schools  
*(Ask reseller for details)*
- FANUC Advanced Academic Software/ARC Bundle
- FANUC ARTool Student Certificate Program



**Both versions include :**

- *Welded construction*
- *Fully integrated collapsible mobile cart design that fits through standard 36" door*
- *Miller Welding Power Supply Training Program (brand-specific; see program details)*



Plug the optional 15' handgun into the existing Miller power source to get 2 ways to weld!

*Optional Miller all-in-one manual to robotic MIG wire weld gun designed for versatility and ease-of-use. Can be used with either cart's welding supply*



# Integrated Weld Educational Cart



## Education & Software

### OpenBook™

OpenBook™ is Miller's learning management software. It's designed to help you plan, offer, and assess student learning. It provides welding instructors, learners, and management with an easy tool to teach welding concepts and techniques to a variety of students - from those just starting out to professionals in the field who'd like to learn new skills or refresh their current techniques.



#### Insight Core™ (Standard)

Simplified, Internet-based welding information solution that reports cell productivity and weld parameter verification.

- Provides basic production metrics such as amps, volts, wire feed speed, arc on time and arc on time percentage

Transform data into actionable information that drives continuous improvement.

Learn more at [MillerWelds.com/insight](http://MillerWelds.com/insight)

## Features

### Auto-Continuum™ Systems

Take your welding to the next level.

The adaptive arcs of Versa-Pulse™ and Accu-Pulse instantly make adjustments to handle weld tacks, large gaps and inconsistent parts. The result is higher quality welds and fewer weld defects.



Better weld quality

#### Versa-Pulse™

- Fast, low-heat, low-spatter process
- Great for gap filling
- Shortest arc length/lowest pulse voltage

#### Accu-Pulse®

- The most popular process for majority of industrial welding applications
- Most adaptive arc on 16+ gauge
- Designed for all weld positions

#### RMD®

- Lowest heat process, best for gap handling
- Limited travel speed



**Auto-Continuum 350**  
11,000 watts



- Easily add new processes and custom programs
- Parameter flexibility

More power, better reliability

Easy to add capabilities

| Best for               | Standard Spray | High-Deposition MIG | Accu-Pulse | Versa-Pulse | MIG Short Circuit | RMD |
|------------------------|----------------|---------------------|------------|-------------|-------------------|-----|
| Deposition             | A              | A                   | A          | B           | D                 | D   |
| Gap Filing             | D              | D                   | B          | B           | A                 | A   |
| Low Heat Input         | D              | C                   | B          | A           | A                 | A   |
| Out-of-Position Welds  |                |                     | A          | B           | B                 | B   |
| Low Spatter            | A              | A                   | A          | A           | C                 | B   |
| Thick Metals           | A              | A                   | A          | C           | D                 | D   |
| Thin Metals            |                |                     | B          | A           | A                 | A   |
| Increased Travel Speed | A              | A                   | A          | A           | B                 | C   |

HOT  COLD

## Manufacturing Equipment



#### FILTAR® 130

- High-efficiency filter designed to capture weld fume
- FiTek™ XL cleanable filters last longer
- Lightweight and portable
- Quieter for a safer, more productive work area

Included: Work Holding Kit (APT88001132)

6" x 1.5" x 6"

3.6" x 1.7" x 3.4"

2.3" x 1.3" x 2.1"



(1) Pivot Angle 150 Mini

(1) Mini Multi Angle

(1) Mini Angle

#### Optional:

PPE Kit (APTWELDPPE)



#### Optional:

15' Industrial MIG Gun with 15' ground cable



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