

CLASSMATE[®] PRO

INDUSTRIAL ROBOTIC WELDING TRAINER



ADVANCING THE MANUFACTURING SKILLS OF THE NEXT GENERATION

The ClassMate Pro is designed to help welding educators meet the need for advanced manufacturing training. The robotic welding training system is a pre-configured, self-contained cell constructed for quick and easy installation. The industrial-size robotic welding cell is a single-zone, small footprint system where welders learn to advance their programming and welding skills while replicating a true production environment.

Processes »

Arc Welding

Applications »

Education

Input »

208/230/380-
415/460/575/3/50/60VAC

Output »

GMAW: 550A/41.5V/40%
GMAW: 450A/36.5V/100%

Product Numbers »

AD2446-23 – without headstock
AD2446-24 – with headstock

KEY FEATURES

- » Everything you need to teach the class safely and productively
- » Integrated safety measures in system and software
- » Advanced manufacturing and technology capabilities
- » Transformational capabilities and processes
- » High production, larger work zone
- » Arc flash protectant cell
- » Industry preparation: realistic, on-the-job training

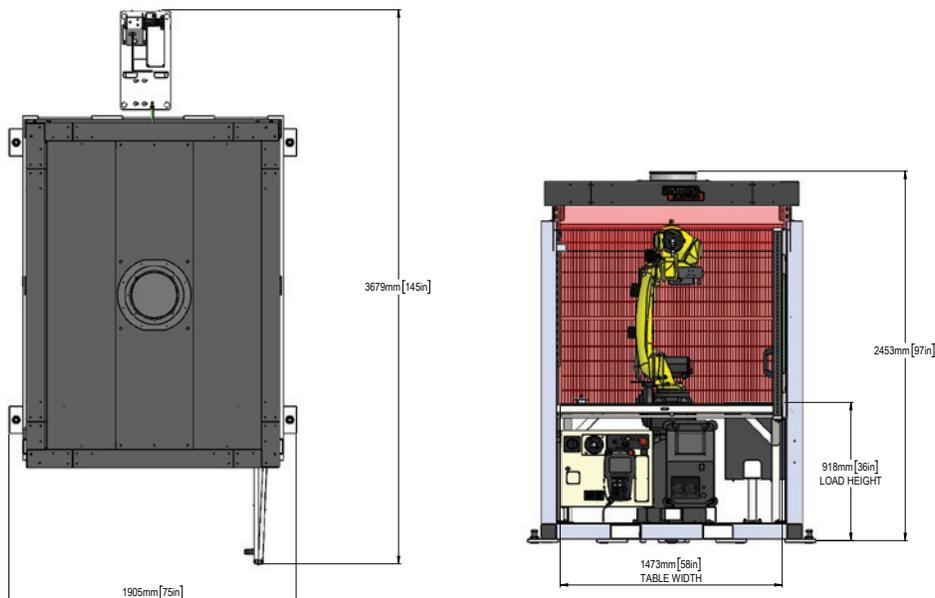
SYSTEM INCLUDES

Industrial Educational System

- Stationary system, gets lagged to ground
- Larger work zone for larger parts
- Fanuc 100iD/12 Robot - R30iB+ Controller
- 460V for robot operation
- Power Wave® R450 Robotic Power Source
- AutoDrive® 4R100 Wire Drive
- 3-in-1 Welding Fixture
- Fume Hood
- 2 Instructor seats in our automation courses

OPTIONS AVAILABLE

- Educational WeldPRO Package
- Jumpstart Package
- Fanuc 500KG Headstock
- Fume extraction: Prism Compact
- 500KG FANUC Headstock



PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output Current / Voltage/Duty Cycle	Input Current @ Rated Output	Output Range (A)	Robot & Controller	Axis	Maximum Payload lb (kg)	Arm Reach in (mm)	Dimensions H x W x L in (mm)	Weight lb (kg)
Classmate PRO	AD2446-23 without headstock	208/230/380-415/460/575/3/50/60	GMAW: 550/41.5/40%	40% Duty Cycle: 80/73/41/37/29	5 - 550	FANUC® ARC Mate® 100iD/12 with ARC Mate R30iB+ Controller	6	26.4 (12)	55.9 (1420)	81.23 x 90 x 103 (2063 x 2286 x 2616)	3281 (1488.2)
	AD2446-24 with headstock		GMAW: 450/36.5/100%	100% Duty Cycle: 60/54/30/27/21						90 x 75 x 97 (2286 x 1905 x 2453) With Door Closed	

For best welding results with Lincoln Electric® equipment, always use Lincoln Electric consumables. Visit www.lincolnelectric.com for more details.

CUSTOMER ASSISTANCE POLICY

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The Lincoln Electric Company
22801 St. Clair Avenue · Cleveland, OH · 44117-1199 · U.S.A.
www.lincolnelectric.com