

KUKA

impac
SYSTEMS
ENGINEERING



Flexible, mobile, all-in-one robotic
welding training cart

KUKA Edu_ArcWelding



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**_Fast, precise and cost-effective solution
for arc welding and training**

Complete education cart with our newest KR AGILUS-2 for hands-on training and small part manufacturing with an industrial six-axis robot offering versatility, speed and precision. Paired with Lincoln Electric R450 Power Wave, an industry-leading power supply with faster travel speeds, low splatter generation, superior gap bridging, and excellent penetration profiles.

The **KUKA Edu_ArcWelding** is a ready-to-use cell designed to easily adapt into workplaces and education facilities with inherent flexibility and easy implementation.

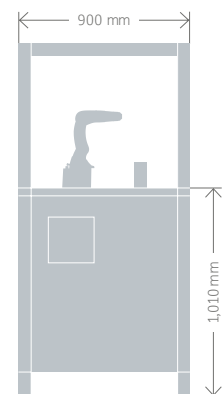
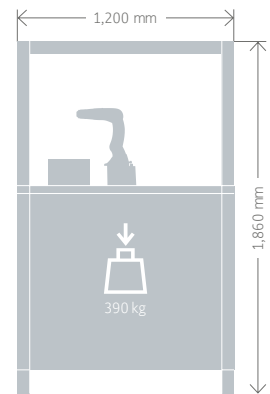
A mobile, all-in-one training cart that provides fast and accurate robotic welding programming, operation and small part manufacturing. It is ideal for schools, universities and company training.

What is included

- KR 6 R900-2 AGILUS robot with KR C5 controller and KUKA smartPad teach pendant
- 12-module digital training course and project-based lesson books
- Lincoln Electric R450 Power Wave welding power supply, which can be used on 240V or 480V
- Lincoln Electric MAGNUM Robotic Torch
- Fume extraction
- Retractable workspace
- Rugged industrial lockable casters
- Safety interlocked access doors
- Size (collapsed): 31.75" wide x 54" long, expanded: 81.5" wide x 54" long

Additional features and benefits

- KUKA Edu_ArcWelding is mobile, able to fit through standard doorways
- This cart can run on 120V and used without welder for general training
- KUKA Edu_ArcWelding cart can be used for the manufacturing of smaller parts
- Additional input/output is available for customization and learning
- Built-in fixture table for flexibility
- Optional add-ons
 - KUKA.Sim
 - KUKA.TouchSense
 - KUKA.ArcTech
 - KUKA.TRACC TCP
 - MultiLayer
- General add-ons of other KUKA software for training purposes
- Ability to handle Additive manufacturing applications



KR 6 AGILUS

KR 6 R900-2

Max. Reach	901 mm
Rated Payload	6.7 kg
Pose repeatability	±0.02 mm
No. of axes	6
Robot footprint	208 mm x 208 mm
Weight (robot only exc. controller etc.)	approx. 53 kg
Controller	KR C5 Micro

