ROBOTICS WELDING TRAINING

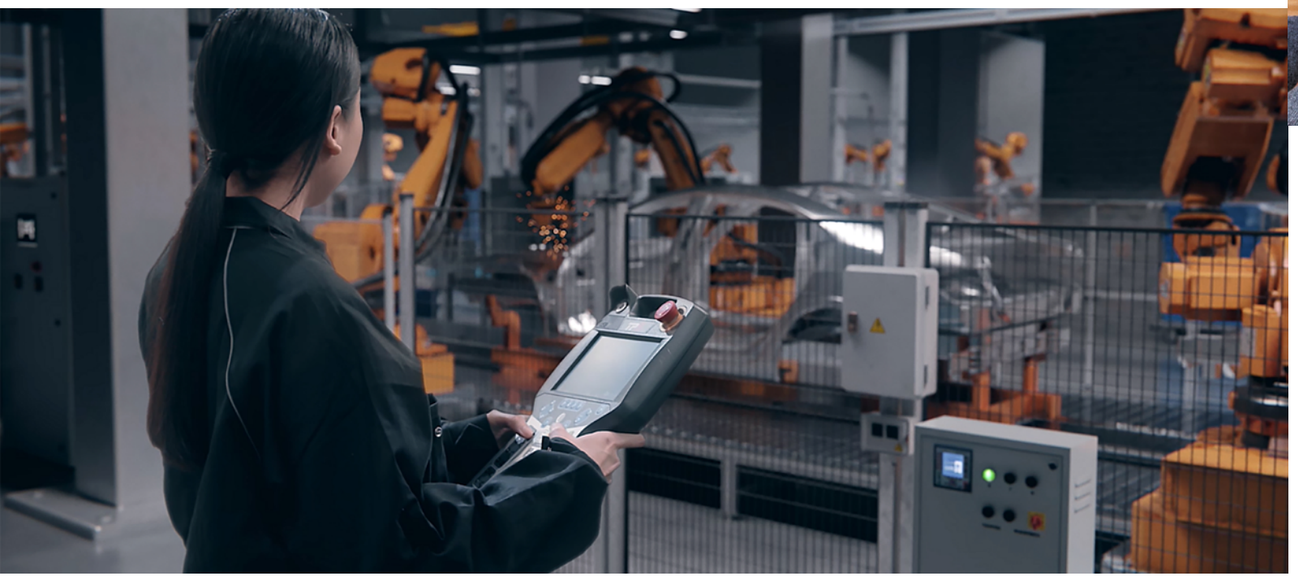
SOLDAMATIC®
ROBOTIC TRAINING

01.
Worldwide growing trends

INDUSTRY 4.0 IS ACCELERATING AUTOMATION:
Automated tasks in factories are expected to grow from 5% to 8% by 2028. Collaboration between people and machines requires increased skills for operators.

GLOBAL SHORTAGE OF WELDERS:
Global demand for welders is increasing by 8% globally.
Existing welders are retiring.
Traditional Welding Training is inefficient and doesn't **attract** young **people**.

ROBOTICS ARE THE BACKBONE OF AUTOMATION:
Since 2009, the number of **manufacturing robots** has more than doubled.
Manufacturing Industrial Robots are expected to grow by **80% by 2026.**

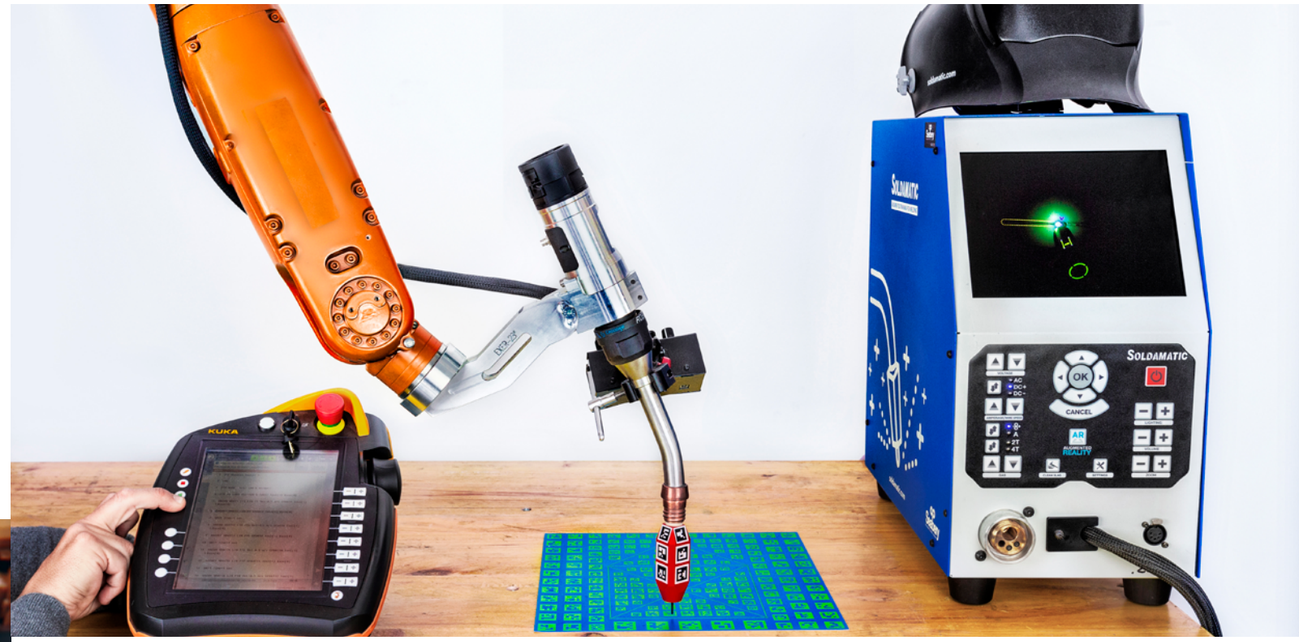


ACCELERATION OF ROBOTICS WILL UNLOCK THE PRODUCTIVITY

ROBOTICS WELDING TRAINING IS THE OPPORTUNITY

SOLDAMATIC®
ROBOTIC TRAINING

02.
Robotic Welding Training



SOLDAMATIC®
ROBOTIC TRAINING

The most hyper-realistic, comprehensive, flexible, and programmable Robotic Welding Training solution. First-of-its-kind working with Augmented Reality and real components such as the robot and the Teach Pendant, and supported by a robotics welding curricula

FIRST OF ITS KIND WORKING WITH AUGMENTED REALITY

REAL COMPONENTS

SUPPORTED BY A ROBOTICS WELDING CURRICULA

SOLDAMATIC®
ROBOTIC TRAINING

02.

Robotics Welding Training

SOLDAMATIC®
ROBOTIC TRAINING

INNOVATE

State-of-the-art AR technology.
Provides efficient and effective training with unlimited practice.

HyperReal·SIM

The most realistic training experience aside from actual welding.

SCALABLE

ADAPTABLE TO ANY EDUCATIONAL INSTITUTION

WELDING JOINTS FOR DIFFERENT LEVELS FLEXIBLE CURRICULUM

REAL TIME INTERACTION
Shared visibility of practices between trainer & students.

COMPREHENSIVE

PROVEN CURRICULUM WITH HUNDREDS OF BUILT-IN PRACTICES

ON-PREMISE & REMOTE ACCESS
Transparent and consistent experience. Access anytime, from anywhere.

SOLDAMATIC COULD INTEGRATE WITH ANY ROBOT IN THE MARKET
On demand.

03.

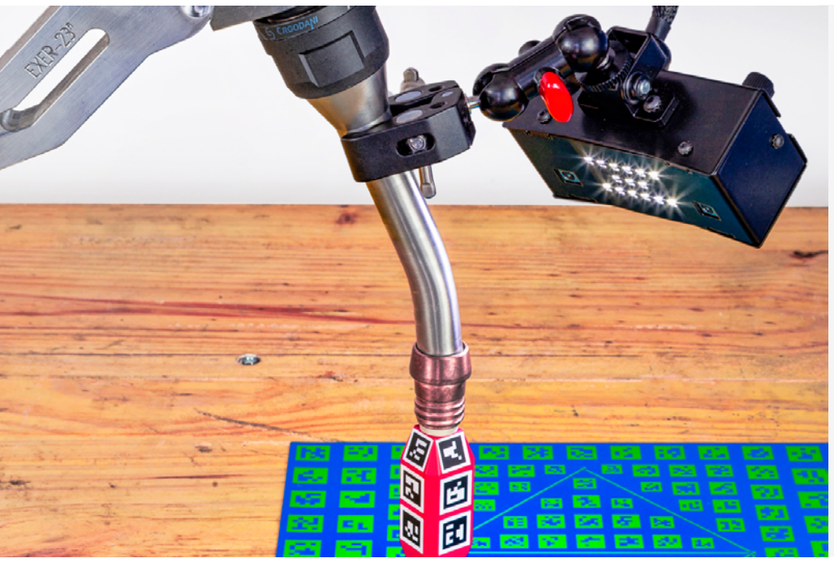
How it works

HARDWARE

SOLDAMATIC WELDING SIMULATOR

ROBOTICS WELDING TORCH OR VISION MODULE

EDUCATION WELDING JOINTS



WELDING JOINTS

Wide range of joints for robot welding.

03.

How it works

GMAW (MIG/MAG) WELDING PROCESS

CARBON STEEL WELDING MATERIAL

3, 6 & 10 MM THICKNESSES

TRAIN THE TRAINER SUPPORT

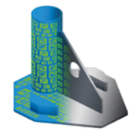
TECHNICAL SUPPORT

SOLDAMATIC E-LEARNING (LMS)

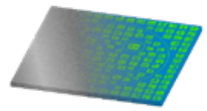
CONTENTS:

- Introduction to Robotics Welding
- Augmented Training Methodology course for welding teachers

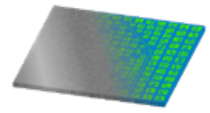
1 YEAR WARRANTY (EXTENDABLE)



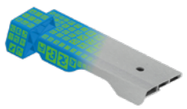
AWM-001 Foundational ambidex



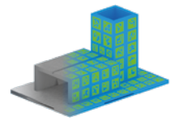
AWM-010 Robotic Foundational “Face” ”



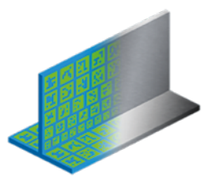
AWM-009 Robotic Foundational “House”



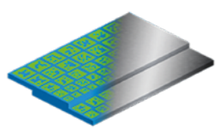
AWM-004 Automotive Chassis Assembly



AWM-015 Robotic Foundational Assembly

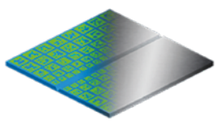


T-Angled plate to plate

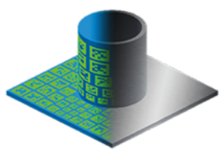


Overlapped Plate

V-Butt pipe



V-Butt Plate



T-Angled pipe to plate

03.

Robotics Welding Curricula

INTRODUCTION TO ROBOTIC WELDING

It Includes 2 modules with tests and theorical (PDF and HTML5) aand practical contents with 15 practices