



**SOLDAMATIC** 

AUGMENTED TRAINING TECHNOLOGY FOR WELDING

Welding Training &  
Performance Digitalization  
Solution

2019

# VALUE PROPOSITION

## EDUCATION

Attract the new generation of young people to welding, train them better, safer, faster and reducing costs.



Metal Manufacturing Vocational Schools, technical universities.



Attract students  
Improve safety  
Spark future welders

# FACTS & FIGURES

Thousands of units in **+50** countries worldwide

**+750** clients in Education & Industry

**+90.000** professionals trained

# WHAT IS SOLDAMATIC IE

Soldamatic IE is the first Welding Training Solution powered with Augmented Reality (AR) in the world.

Soldamatic IE is the third generation Soldamatic platform, it applies new technologies like AR to enhance the learning process and uses real welding equipment to develop skills and muscle memory.

It applies gamification to improve the motivation of trainees, personalized learning to adapt to their personal needs and green & safe technology to reduce the risks for newcomers and pollution.

## ADVANCED

Bridge the gap with Industry, train in AR with competition multi-joints and different industry applications.



Welding Training Centres.



Improve efficiency  
Reduce costs  
Prepare for Industry & Welding Competitions



**68%**

average consumable savings



**56%**

real workshop time reduction



Increase the arc-on time by

**3 to 5 times**



**34%**

more certified trainees for IW than traditional methodology

## INDUSTRY

Improve the productivity of the real welding operations on the field and reduce failure rate in industry recertification processes.



Industrial companies.



Improve productivity  
Reduce % failure in recertification  
Train better welding professionals



Educate

**4 times more**

students while keeping your existing lab infrastructure

*\*Real case study of a Soldamatic classroom in a Welding Centre*



# The **AUGMENTED TRAINING** METHODOLOGY

Augmented Training proposes a new educational paradigm that promotes intensive practice, it is a dynamic and flexible model, which allows instructors to easily manage different courses with numerous students, regardless of their level of knowledge and/or learning pace.

Each student can join the training at any time, and only progresses once each stage has been satisfactorily completed, which allows them to set their own learning pace and guarantees a high level of qualification.



## **SOLDAMATIC E-LEARNING**

Curricula, Tests & Analysis Module



**AUGMENTED TRAINING**



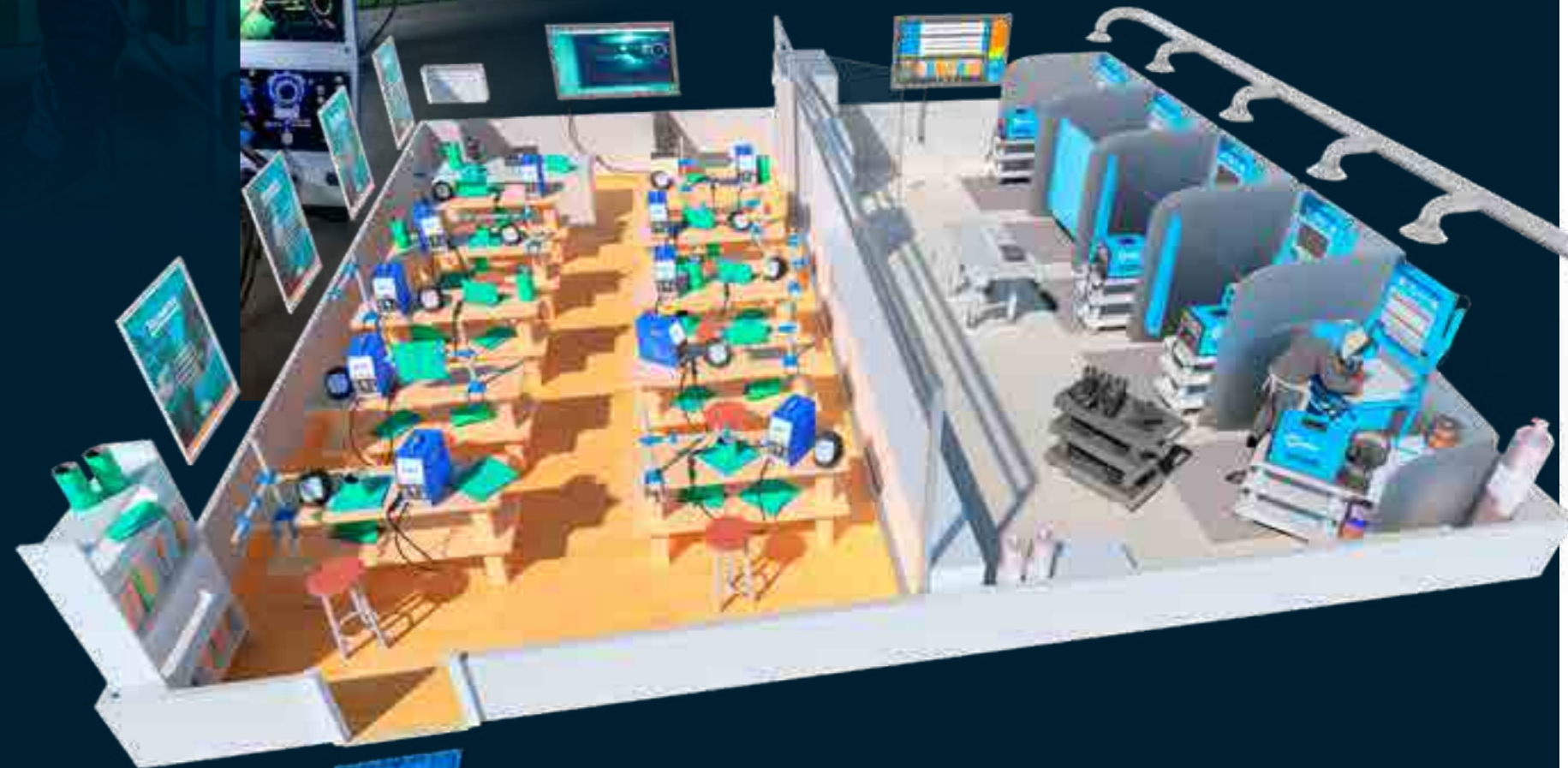
## **PRACTICE WORKSHOP**

Manufacturing Industry



## **STUDENTS SIMULATOR**

Augmented Reality (AR) Practices





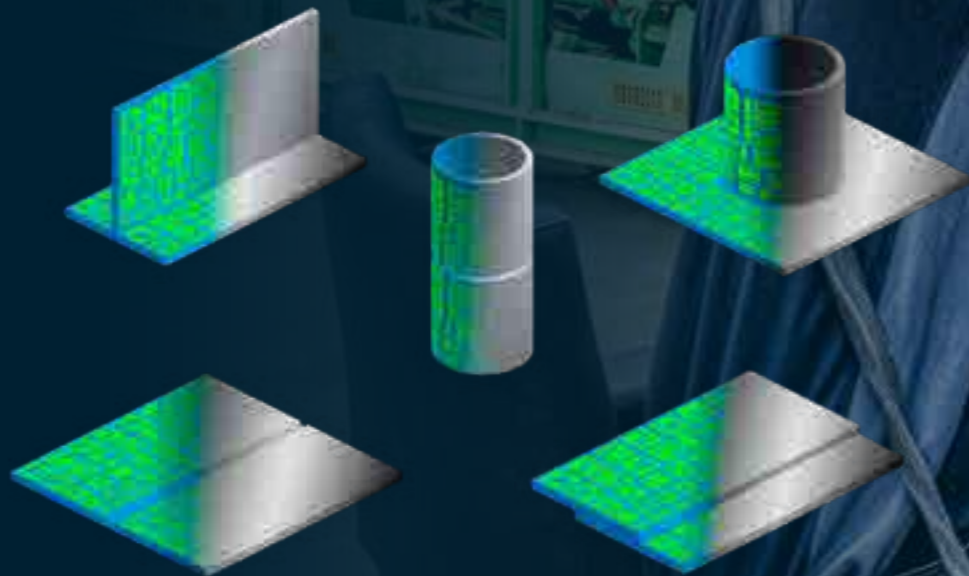
# JOINTS



## Education Welding Joint

The most used joints  
in welding training &  
certification worldwide.

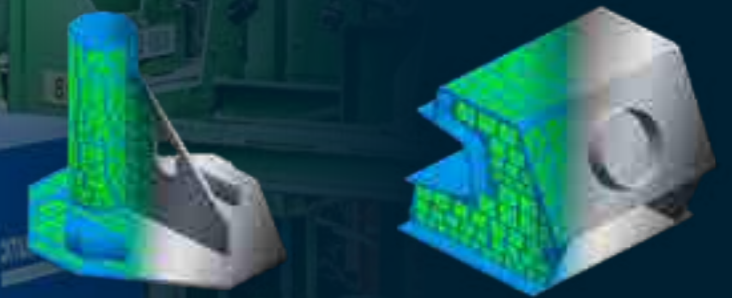
- V-Butt Plate
- V-Butt 6" Plate
- Overlapped Plate
- T-Angled Plate
- T-Angled 6" Pipe to Plate



## Advanced Welding Multijoint

Developed for International Welding  
Competition and different industries.

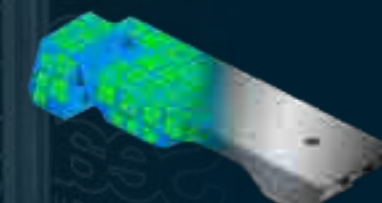
Different thicknesses, welding sequences  
and challenging positions in the same piece.



## Industrial Welding Multijoint

Made to meet customer specific training and  
performance needs.

Bring your real pieces to Augmented Reality, train  
your welders with these augmented pieces and  
reduce costs and recertification failure.



# CONTENTS

High quality welding curricula developed by international experts to be performed with Soldamatic IE. These courses will allow instructors to teach welding according to the most demanded international standards and using the innovative Augmented Training methodology of Soldamatic.

The Advanced and Industry licenses include the International Welder program according to the Guideline IAB-089 from the European Welding Federation (EWF) and International Institute of Welding (IIW), designed to be taught with Soldamatic IE, and also suitable for the acquisition of the SENSE certificate from the American Welding Society (AWS).

Soldamatic IE contents include theory, tests and welding practices ready to be performed in different difficulty levels, with or without help icons.

Upload your own welding courses or take advantage of the digital training content specifically developed for Soldamatic IE.

Contents provided by:

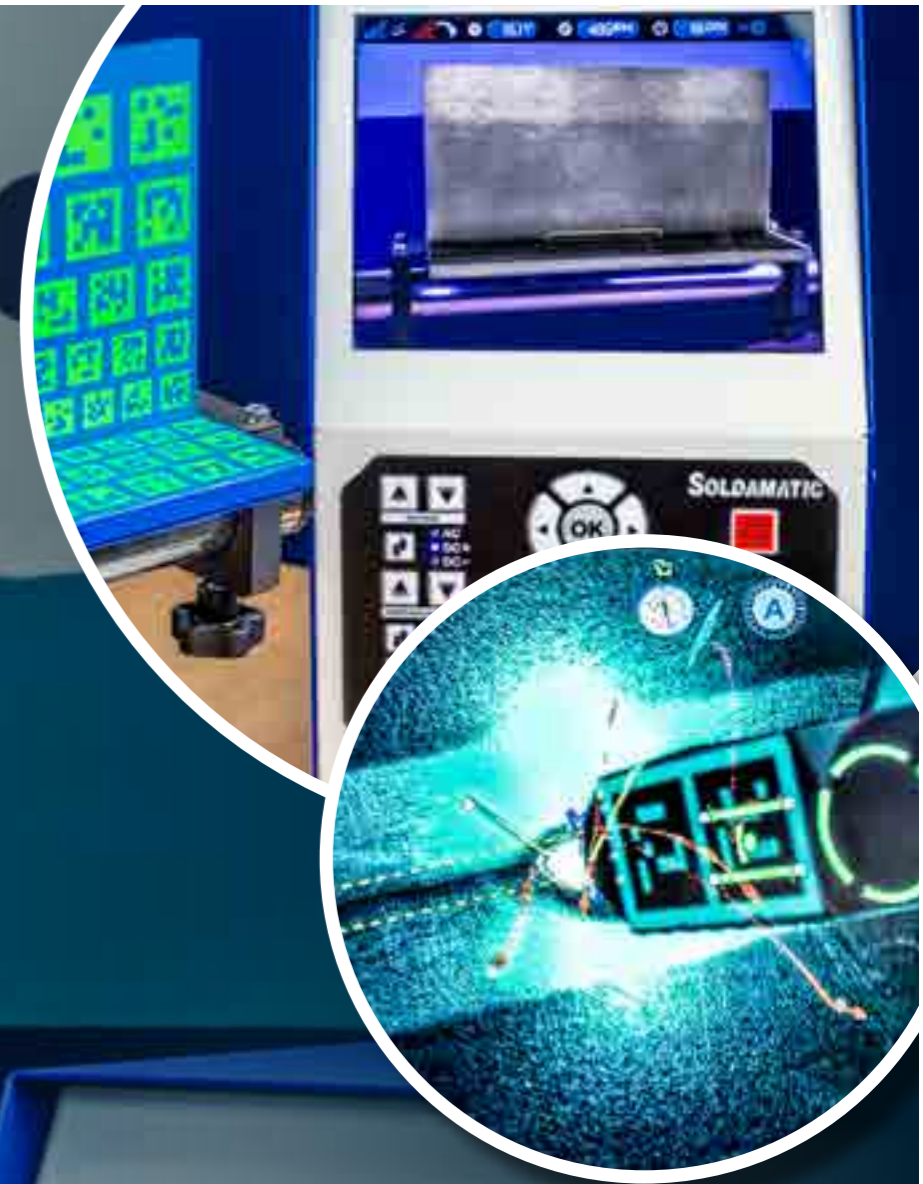


**International  
Welding  
Experts**



## SOLDAMATIC E-LEARNING

Learning Management application, focused on helping instructors to manage the whole training program, monitor and assess the trainees' performance and generate statistics and reports.

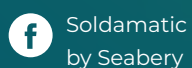




Seabery is an international company pioneering the development of Augmented Reality (AR) for professional training.

We are leading the market of Augmented Reality training solutions thanks to our large worldwide network of partners within industry, institutions and education.

**SEABERYAT.COM**



More info at  
**SOLDAMATIC.COM**