

The best value welding training solution

T-SIMWELD

KEY FEATURES

▶ 5 Physical welding coupons: Overlapped plate, V-Butt plate T-Angled plate to plate, ◀ V-Butt pipe, T-Angled pipe to plate

Real welding torches: GTAW, GMAW, SMAW

1 to 25 mm thickness

_5 Physical welding coupons: Overlapped plate, V-Butt Plate T-Angled Plate to plate,
- V-Butt pipe, T-Angled pipe to plate

Advanced features: bend test, safety checks

Aluminum, carbon steel, stainless steel

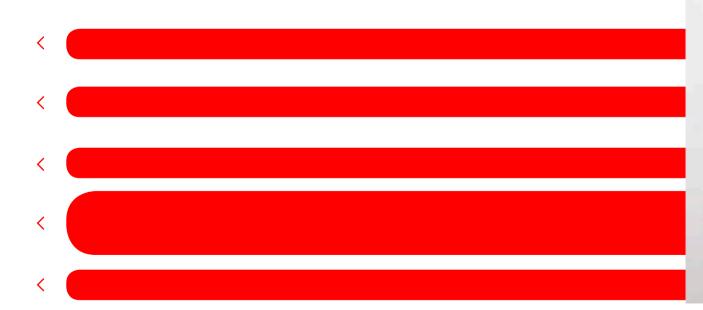
E-learning, Analysis Module

National and International contents and curricula

Hindi, English and other languages available

KEY BENEFITS

PROVEN EFFECTIVE WELDING TRAINING SOLUTION



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ENGAGING LEARNING EXPERIENCES

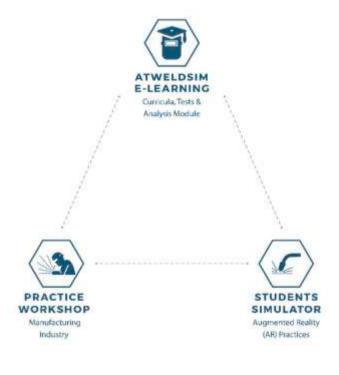
AUGMENTED LAB

SIMULATED LAB + REAL LAB



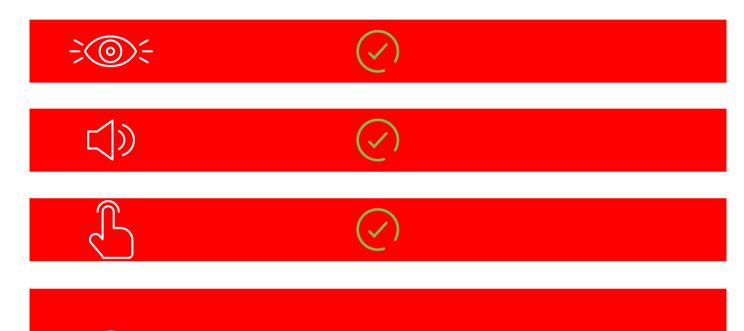
AUGMENTED TRAINING METHODOLOGY

First weld it in Augmented, then in real, using quality contents and managing your students in a personalized way.



MORE REALISTIC EXPERIENCE POWERED BY AUGMENTED REALITY

AUGMENTED REALITY







DEVELOPED BY SEABERY, THE WORLDWIDE #1 MANUFACTURER OF AR WELDING TRAINING SOLUTIONS

+750 **CLIENTS IN**

EDUCATION & INDUSTRY

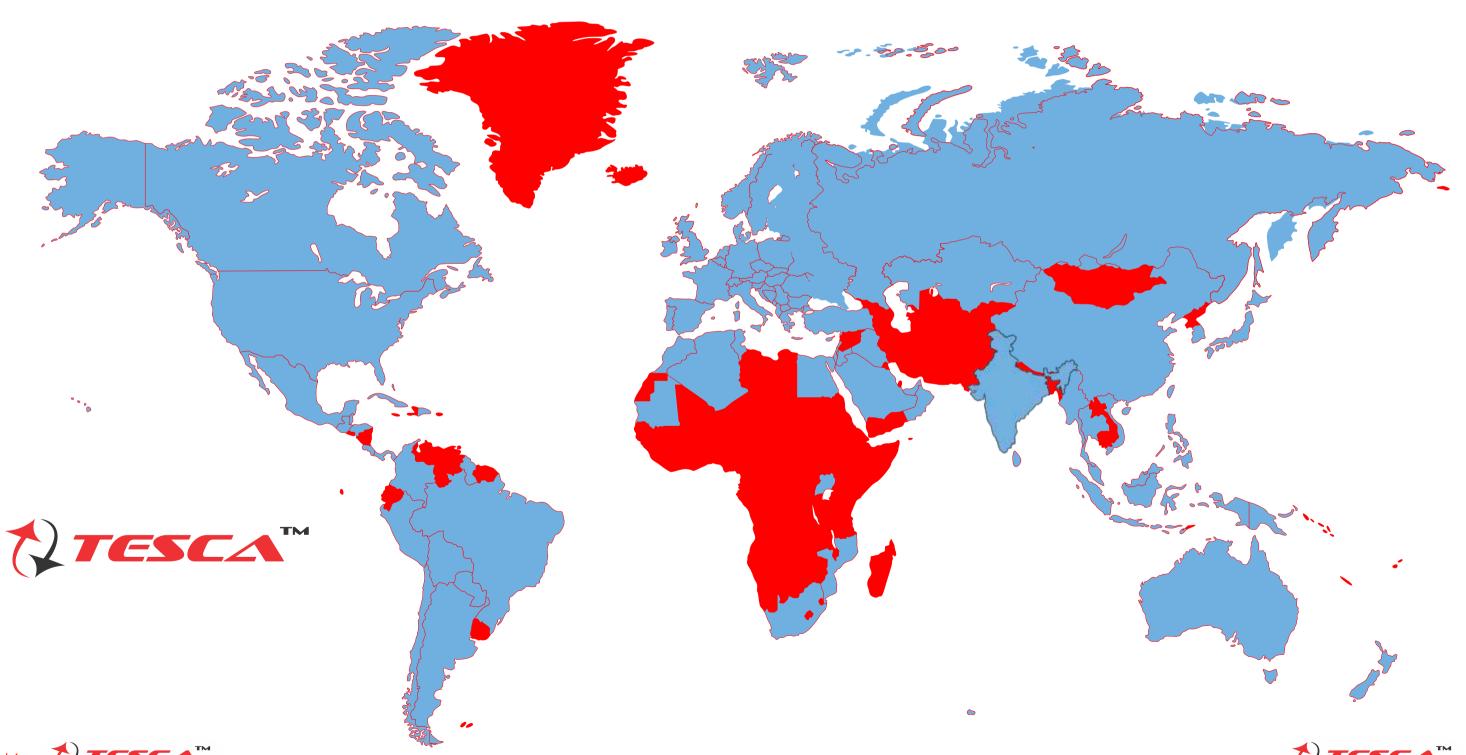
+90,000

+75

TRAINED

PROFESSIONALS COUNTRIES

Governments, educational institutions, universities and large industrial corporations are using Seabery solutions.



DIMENSIONS (WITHOUT ACCESSORIES)	259x424x236mm			
WEIGHT (WITHOUT HELMET)	8.8 kg			
WEIGHT (WITH HELMET)	9.8 kg			
WELDING PROCESSES SUPPORTED	GMAW (MIG/MAG) & FCAW G/S, SMAW (MMA Electrode), GTAW (TIG)			
WELDING POSITIONS	1F, 2F, 3F, 4F, 1G, 2G, 3G, 4G, 5G, 5F, 6G, 6F			
DEFAULT WELDING JOINTS INCLUDED	YES, Education Welding Joints: Overlapped plate, V-Butt plate, T-Angled plate to plate, V-Butt pipe, T-Angled pipe to plate			
REAL WELDING TORCHES	Yes			
WELDING SOUNDS	Recorded in a real welding lab			
ACCESORIES	Filler rod, welding gloves, Wi-Fi antennas. OPTIONAL: Workstand, lab server including router, and flight case			
VOLTAGE SELECTION	YES, it can be modified during the exercise			
INTENSITY (AMPERAGE) SELECTION	YES, it can be modified during the exercise			
SHIELDING GAS SELECTION	YES, the flow can be modified during the exercise			
WIRE SPEED SELECTION	YES, in GMAW (MIG/MAG) and FCAW, it can be modified during the exercise			
COUPON MATERIAL SELECTION	Carbon steel, stainless steel, aluminum			
GAS COMPOSITION	MATERIALGMAWGTAWFCAWCarbon SteelArgon - Co², CO²ArgonArgon - Co², CO²AluminiumArgonArgon-Stainless SteelArgon - O²Argon-			
COUPON THICKNESS SELECTION	3mm, 6mm, 10 mm 1mm, 15mm,20 mm & 25mm			
ELECTRODE STICK /FILLER ROD DIAMETER SELECTION	GMAW: carbon and stainless steel: 0.8mm 1mm 1.2 mm aluminum: 1mm 1.2mm SMAW: carbon and stainless steel: 2.5 mm 3.25mm 4mm GTAW: carbon steel, stainless steel and aluminum: 2mm 2.4 mm 3.2 mm FCAW: carbon steel: 1.0, 1.2mm			
ELECTRODE STICK / FILLER ROD SELECTION	GMAW: carbon steel: ER70S-6 stainless steel: E316LSi aluminum: ER5356 SMAW: carbon steel: E7018, E6010, E6013 stainless steel: E316L GTAW: carbon steel: ER70S-6 stainless steel: ER316L Aluminum: ER5356 FCAW: carbon steel: E71T-1, E71T-7			
MULTIPASS EXERCISE WITH DIFFERENT PROCESSES	YES			
WELDING PROCESSES	Straight, Triangle, Convex, Circle, Zigzag			
WELDING PATTERN/WEAVE	Push / Drag			
TRANSFERENCE MODES	Short circuit, globular, spray			



DEFECTS ANALYZED	Porosity, spatter, slag inclusion			
REPORT FEATURES	CTWD, Travel Speed, Work Angle, Travel Angle, Trajectory, Voltage, Wirefeed Speed, Technical Parameters, Equipment Settings			
ANALYSIS MODULE	YES			
ON-SCREEN HELP GUIDES	YES, they can be added/removed			
PREDEFINED WELDING EXERCISES	YES, AT Welding curricula			
LMS APPLICATION	YES, E-Learning: manage students, create curricula and exercises and monitor the training			
LMS APPLICATION: STUDENTS ACCESS	YES, Visualize contents, progress, take tests			
REMOTE TRAINING / DISTANCE LEARNING	Yes			
STUDENT PERSONALIZED PROFILE	YES, practices report and progression			
CUSTOMIZED PRACTICES	YES, customized in E-Learning			
POSSIBILITY TO TRY DIFFERENT SETTINGS DURING THE EXERCISE AND THEIR EFFECTS IN THE WELDING BEAD	YES			
VISION TECHNOLOGY	Augmented Reality			
PIECE CAN BE MANIPULATED SEPARATELY	YES, it can be manipulated at any time during the exercise to perform a visual inspection of the welding bead. The workpiece is not attached in any way to the workstand			
REAL ENVIRONMENT DURING SIMULATION	YES			
UNIT CAN BE USED WITH GLASSES	YES			
POWER SUPPLY	NOX Hummer Bronce 500W			
PROCESSOR	Intel® Core™ i5-9500E			
CHIPSET	Intel H310			
RAM	8+8 GB DDR4			
GRAPHIC CARD	Intel UHD Graphics			
HARD DISK	M.2 SSD 128Gb			
AUDIO	Realtek Audio			
OPERATING SYSTEM	Seabery Operating System optimized for AT Weldsim			
BACK PANEL PORTS	1 x HDMI 4 x USB 2 x Ethernet 2 x Wifi Antennas 1 x jack			
AR VISION MODULE RESOLUTION	MIPI LCD 4,7" HDMI Display input up to 1280×720 Ultra-low video distortion 24-bit True Colour			



CAMERAS RESOLUTION (X2)	640x480 / 800x600 Autofocus			
OPERATING TEMPERATURE	-30 ~ +70° Celsius			
HUMIDITY	10 to 90 percent relative humidity non-condensing			
UPDATES	Software updates and bugfixing (Same version) included			
REMOTE MAINTENACE	Yes			
REGULATIONS	ISO 9001 Quality Management System ISO 14001 Environmental Management System			
WARRANTY	1 year. Up to 2 more years optional			
SERVER				
INSTALLATION TYPE	On-Premise			
RAM MEMORY	4GB DDR4 2400MHz			
MOTHERBOARD	ASUS H110M-D			
MICROPROCESSOR	Intel Core I3-7100			
POWER SUPPLY	550W 100-240\dc			
HARD DISK	1TB SATA3			
NETWORK CARD	Gigabit Ethernet PCIe 10/100/1000Mbps			
E-LEARNING REQUIREMENTS				

WINDOWS

WINDOWS 10 64 BITS Processor: Intel i5 2.5ghz

RAM: 8GB

Graphic card specifications: Nvidia Geforce 950

LANGUAGES AVAILABLE

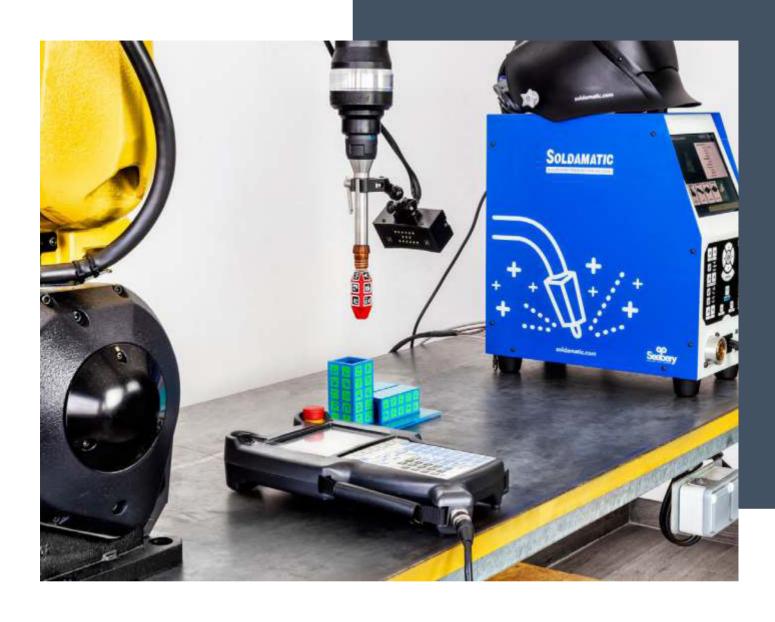
ENGLISH / HINDI / TELUGU / MARATHI /TAMIL





I-SEVIVELD

More info at info@tesca.in www.tescaglobal.com



ROBOTICS WELDING TRAINING





Worldwide growing trends

INDUSTRY 4.0 IS ACCELERATING AUTOMATION:
Automated tasks in factories are expected to grow from 5% to 8% by 2028. Collaboration

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.

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.**

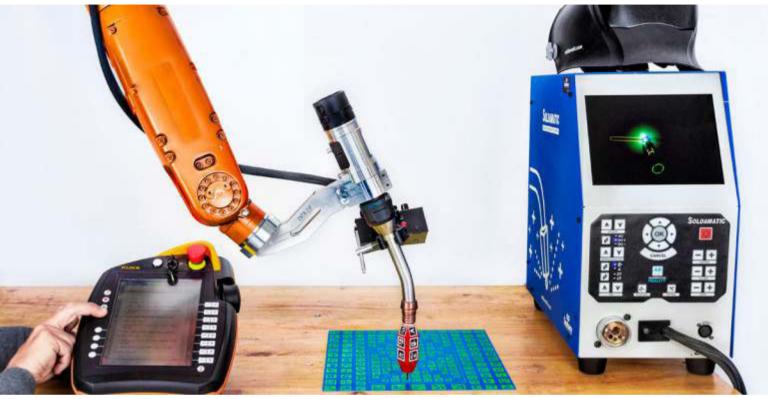


ACCELERATION
OF ROBOTICS WILL UNLOCK
THE PRODUCTIVITY

ROBOTICS WELDING TRAINING IS THE OPPORTUNITY



Robotic Welding Training





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









Robotics Welding Training



INNOVATE

State-of-the-art AR technology.

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.

|8

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)

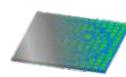
CONTENTS:

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

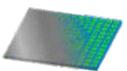
1 YEAR WARRANTY (EXTENDABLE)



AWM-001 Foundational ambidex



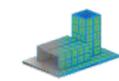
AWM-010 Robotic Foundational



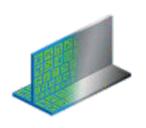
AWM-009 Robotic Foundational ?House?



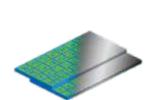
AWM-004 Automotive Chassis Assembly



AWM-015 Robotic Foundational Assembly



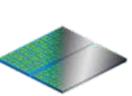
T-Angled plate to plate



Overlapped Plate



V-Butt pipe



V-Butt Plate



T-Angled pipe to plate







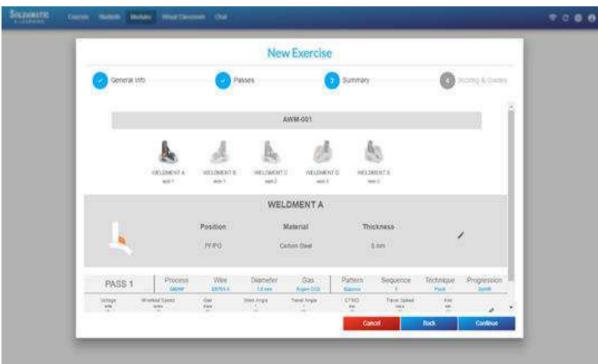


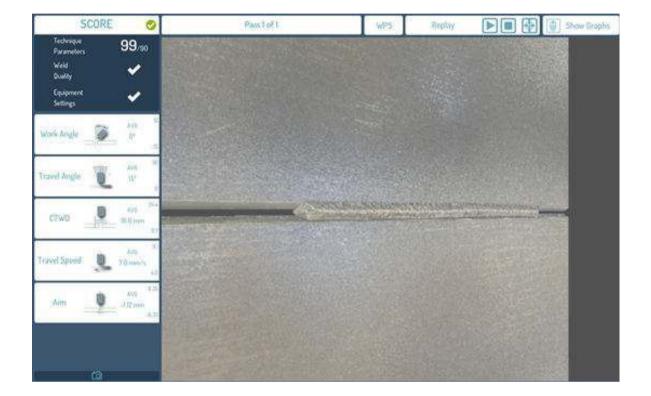
Robotics Welding Curricula

INTRODUCTION TO ROBOTIC WELDING

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















VISION TECHNOLOGY	AUGMENTED REALITY			
WELDING PROCESSES SUPPORTED	MANUAL: GMAW (MIG/MAG) &FCAW G/S, SMAW (MMAElectrode), GTAW (TIG)			
	ROBOTICS: GMAW (MIG/MAG) &FCAW G/S			
WELDING POSITIONS	PA, PB, PC, PD, PF/PG, PE, PH/PJ, HL045/JL045 - 1F, 2F, 3F, 4F 5F, 6F, 1G, 2G, 3G, 4G, 5G, 6G HL045 (6G) available in AWM-002, AWM-008, AWM-011, AW 012 and AWM-016. 6GR available in AWM-011 (Pipeline 6GR			
DEFAULT WELDING JOINTS INCLUDED				
ADDITIONAL WELDING JOINTS AVAILABLE	for manual and Automotive, Ra	dvanced Welding robot welding ballway, Shipbuildir	ased on F	oundational, Bas industries
	AWM006, AWM0	01, AWM002, AWN 007, AWM008, AW 020 available for A	/M011, AWI	M012, AWM013,
		001, AWM004, AW 117, AWM018, AWN		VMO10, AWMO15,
WELDING JOINTS FOR SPECIFIC INDUSTRIAL NEEDS	With Industrial \	Welding Services	;	
ON DEMAND TAILOR MADE COUPONS	Including the ph	nysical workpiece	. Industrial	l Welding Services
PIECE CAN BE MANIPULATED SEPARATELY	It can be manipulated at any time during the exercise to perform a visual inspection of the welding bead. The			
REAL WELDING TORCHES	MANUAL: YES, by Abicor Binzel			
REAL ADVANCED WELDING TORCHES	Handle ergonomics by Abicor Binzel			
HAPTICS	Advanced GMA	W/FCAW torch in	cludes vib	oration feature
WELDING SOUNDS	Recorded in a real welding lab			
REAL WELDING MASK	YES			
VOLTAGE SELECTION				
	ROBOTICS: in jok	o selection		
_	_			
SHIELDING GAS SELECTION				
WIRE SPEED SELECTION				
	during the exer	cise		
	ROBOTICS: in job selection			
PLUG WELDING	In AWM-005 (Au	tomotive Thin Pla	tes) and Ir	ndustrial Services
COUPON MATERIAL SELECTION	Carbon Steel, S	tainless Steel, Alu	uminium	
GAS COMPOSITION	MATERIAL	GMAW	GTAW	FCAW
	Carbon Steel	Argon - Co ² , CO ²	Helium*	Argon - Co ² , CO ²
	Aluminium	Argon	Argon	-
	Stainless Steel	Argon - 0 ²	Argon	-
COUPON THICKNESS SELECTION	YES: 3mm, 6mm, 10mm 1mm, 2mm, 7mm, 8mm, 15mm, 16mm, 20mm, 25mm available with Advanced license			
	with Advanced	licerise		



	MATERIAL	GMAW	SM	AW	GTAW	
	Carbon	0.8mm, 1mn	n, 2.5ı	mm,		
	Stainless Steel	1.2 mm	3.25mr	3.25mm, 4mm		
	Aluminium	1mm, 1.2mn	n ·	-		
	MATERIAL	GMAW	SMAW	GTAW	FCAW	
	Carbon Steel	ER70S-6	E7018, E6010, E6013	ER70S-	6 E71T-1, E71T-7	
	Stainless Steel	E316LSi	E316L	ER3161	_	
	Aluminium	ER5356	-	ER535	5	
POSSIBILITY TO TRY DIFFERENT SETTINGS DURING THE EXERCISE AND THEIR EFFECTS IN THE WELDING BEAD	YES					
MULTIPASS EXERCISE WITH DIFFERENT WELDING PROCESSES	YES					
WELDING TECHNIQUE	Push / Drag					
	Straight, Triangle, Convex, Circle, Zigzag					
WELDING DIRECTION	ROBOTICS: Right to left/ Left to right					
OPEN ROOT WELDING	In AWM-006, AWM-008, AWM-011, AWM-012, AWM-013 and AWM-015					
TRANSFER MODES	Short circuit, globular, spray, pulsed-arc (available for AW welding joints)				able for AWN	
UNDO WELDING	It is possible to undo a pass or weldment repeating only a certain part of the exercise				ating only a	
	They can be added/removed					
POSSIBILITY TO CONNECT THE UNIT TO A ROBOTIC ARM	Robotics license needed					
ANALYSIS MODULE	YES					
ADVANCED ANALYSIS MODULE	Included in Advanced licenses. Mechanical Resistance an Cross Section				sistance and	
DEFECTS ANALYZED	AWM welding jo	ints)				



REPORT FEATURES	CTWD, Travel Speed, Work Angle, Travel Angle, Trajectory, Voltage, Wirefeed Speed, Technical Parameters, Equipment			
AUGMENTED TRAINING CONTENT	Developed by Seabery: Augmented Training Soldamatic Welding Course; Augmented Training Methodology; Introduction to Robot Welding; MAG position PF / PD / PH			
INTERNATIONAL PUBLISHERS CONTENT	AWS, CESOL, DVS, Ludo Breemans			
LMS APPLICATION	Soldamatic e-Learning for Teachers and Students			
LMS APPLICATION:TEACHER ACCESS	Easy web access and also desktop application			
LMS APPLICATION:STUDENTS ACCESS	Web access. Visualize contents, progress, take tests, live chat			
LMS APPLICATION:LIVE CHAT	Available for teachers and students			
LMS APPLICATION:SHAREVIEW	Teachers can see what the students see in real time in their laptop, either within the same classroom or online			
	Synchronous and asynchronous options			
	centers online, seeing in real time their progress and the welders? point of view while welding			
STUDENT PERSONALIZED PROFILE	Practices report and progression			
REPORTS	Exercises, courses, students and diploma reports. Also Control format available for end-user custom reports			
CUSTOMIZED PRACTICES	Customized in Soldamatic E-Learning			
REAL ENVIRONMENT DURING SIMULATION	YES			
SUBSCRIPTION OPTIONS	Anual or Lifetime			
UPDATES				
	the license with no additional cost New system versions included in the anual license with no additional cost			
REMOTE MAINTENACE	YES			
SPECIFIC CUSTOMER ADAPTATIONS ON DEMAND	YES			
REGULATIONS	CE and FCC			
CERTIFICATIONS	ISO 9001 Quality Management System ISO 14001 Environmental Management System			
WARRANTY	1 year by default, up to 2 more years optional			
SOLDAMATI	C SIMULATOR			
-	442,5x239,5x457,5mm (17.42x94.29x18.72 in.)			
-	9.46 Kilograms (20.85 lbs.)			
	10.5 Kilograms (23.15 lbs.)			
ACCESORIES	ROBOTICS: Vision Module, Robotics educational torch and Robotics advanced torch OPTIONAL: GTAW (TIG) Pedal, Workstand, Augmented Lab			

POWER SUPPLY	100V-240V				
PROCESSOR	Intel® Core? i5 10th gen				
CHIPSET	Intel® Q470E				
RAM	16 GB (2 x 8GB Dual-Channel) DDR4 2400Mhz				
GRAPHIC CARD	NVIDIA Quadro T1000				
HARD DISK	M.2 SSD 128GB				
AUDIO	-				
OPERATING SYSTEM	Seabery Operating System optimized for Soldamatic 2023				
AUTOMATIC SHUTDOWN	-				
DISPLAY SIZE	9.700				
DISPLAY RESOLUTION	HD LCD 1024 x 768 XGA				
BACK PANEL PORTS	Screen: HDMI/Display Ports USB: 4 x USB 3.2 Gen 1 Connection: 2x LAN 2x Antennas Intel® WiFi6 Dual Band Audio: microphone & speakers ports Others: Robotics port				
FRONT PANEL PORTS	1 X USB type A, 1 X USB type B				
AR VISION MODULE RESOLUTION	MIPI LCD 4,7? HDMI Display input up to 1280x720 Ultra-low video distortion 24-bit True Colour				
-	640x480 / 800x600 Autofocus				
UNIT CAN BE USED WITH GLASSES	YES				
OPERATING TEMPERATURE	0 - 45°				
HUMIDITY	10 - 80%				

SOLDAMATIC SERVER		
INSTALLATION TYPE ON-PREMISE OR CLOUD		
RAM MEMORY	8GB DDR4 3200MH	
MOTHERBOARD	Asus H110M-E	
MICROPROCESSOR	Intel Core i3-12100	
POWER SUPPLY	Fuente 500w	
HARD DISK 1	SSD 240GB SATA3	
	1TB SATA3	
NETWORK CARD	TP-Link TG-3468	
-		
WINDOWS	MacOS	
WINDOWS 10 64 BITS	OS Min: High Sierra 10.13	
Processor: Intel I5 2.5GHz	Processor: Intel I5 1.86GHz	



RAM: 8GB

RAM: 8GB

Graphic card: Intel Iris Plus Graphics 640



Seabery is the international leader in professional skills training with augmented reality-based simulation training solutions for the 21st century workforce, with partners and presence in more than 80 countries.

Soldamatic is leading welding training with a State-of-the-art, Turn-Key, and Scalable solution to create the next generation





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More info at info@tesca.in www.tescaglobal.com





STATE OF THE ART, TURNKEY, SCALABLE AND EFFECTIVE WELDING TRAINING SOLUTION

POWERED BY AUGMENTED REALITY







CONTEXT

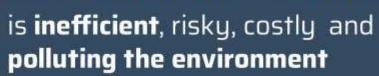
GLOBAL SHORTAGE OF WELDERS



is well documented and increasing, hence requiring the need to recruit the future generation of welders



TRADITIONAL WELDING TRAINING





NEW GENERATIONS

demand modern and engaging training solutions

STATE OF THE ART TECHNOLOGY

Soldamatic is the world's leading simulated welding training with state-of-the-art, scalable, proven effective and proprietary, augmented reality-based training solution, created by welders for welders with standarized welding curricula and official certification content.



Soldamatic is available in **BLANGUAGES**



56% decrease of real time in learning



68% decrease of workshop costs



GREEN TECHNOLOGY



84% less accidents



34% more certified welders than traditional methodology

HyperReal-SIM ®

AN EXCLUSIVE AND PATENTED PLAFTORM PROVIDED ONLY BY SOLDAMATIC THAT OFFERS THE MOST REALISTIC WELDING TRAINING SYSTEM ASIDE FROM REAL LIFE WELDING



Real welding mask and gloves



Real torches with haptic technology



Welding Joints based on industry best practices



Power source-like controls



Welding bead quality & Settings

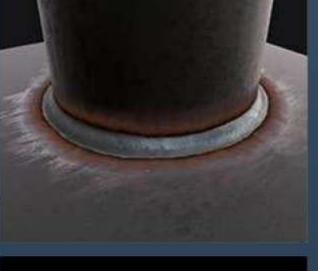


Remastered HD Welding Sound



Precisely —o calibrated







Examples of Soldamatic's real time welding simulation



ALL THE WELDING PARAMETERS, VISUALS AND SOUND HAVE BEEN

REAL WELDING LAB





AUGMENTED TRAINING

FULLY FLEXIBLE TRAINING
SOLUTION - TRANSPARENT
AND CONSISTENT EXPERIENCE
ON-PREMISE, REMOTE AND
VIDEO LEARNING

> Transparent and consistent learning > experience from classroom or remote locations with video recording

Real time server connection is not required, all information is updated once the connection is re-established

Trainers and students can access the virtual classroom, share their screen and chat in real time

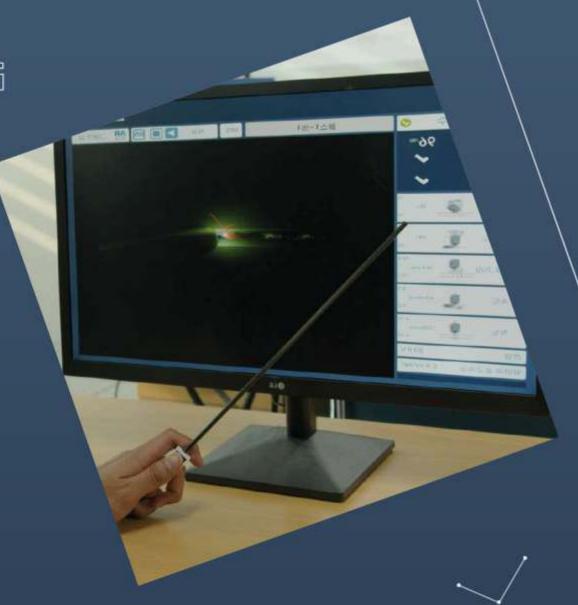


SIMULATOR Augmented Reality

(AR) Practices

WORKSHOP

Manufacturing



THE AUGMENTED TRAINING METHODOLOGY

- New educational paradigm
- > Combine AR simulation with real welding practice
- > Allows instructors to manage numerous courses and students





Soldamatic

Real Welding

UGMENTEDLAB

GLOBAL DEPLOYMENT IN EDUCATION AND INDUSTRY 4.0

Seabery – Augmented Training methodology combines the practical part of Augmented Reality with the practical part of reality. This is the concept of Augmented Lab, which allows the students to immerse in simulation environments in which they can practice in the most realistic way without limitations, risk-free, and without additional costs, until they acquire the abilities and skills necessary to move to a real environment.





Content by International Publishers







www.tescaglobal.com



High quality welding curricula developed by international experts to be performed with Soldamatic IE.



E-LEARNING MANAGEMENT SYSTEM (LMS) APPLICATION SPECIFICALLY

DESIGNED TO WORK UNDER THE AUGMENTED TRAINING METHODOLOGY

- Create and manage courses: Theory, practice and tests
 - > Review exercises and generate statistics and reports
 - > Share exercises, review the virtual classroom and chat live

Students have their own access to their courses, contents, practices and reports



WHAT'S NEW

HIGH REALISM GRAPHIC BASED ON PBR

The graphics are based on photorealism and physical rendering (PBR), which uses realistic shading and lighting models along with measured surface values to accurately represent real-world materials.

ADVANCED TORCHES

- New Advanced Torches with New AWM
 - New camera added to the tip of the torch to allow vision of blind spots
 - > Accuracy of solution improved due to use of multiple cameras
 - Icons have been added to the simulation to show detailed detection
 - SMAW electrode holder can be rotated to accommodate better to different welding positions
- Focus on TIG/GTAW Advance Torches: Patented New Advanced GTAW rod that simulates dipping technique









ALUMINUM





CARBON

STEEL





New Soldamatic







WELDS

SMAW







FCAW

New Soldamatic





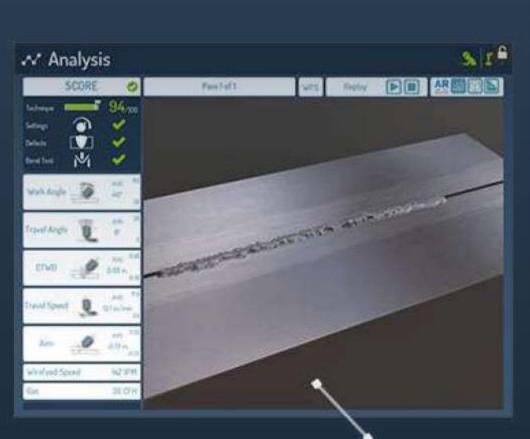


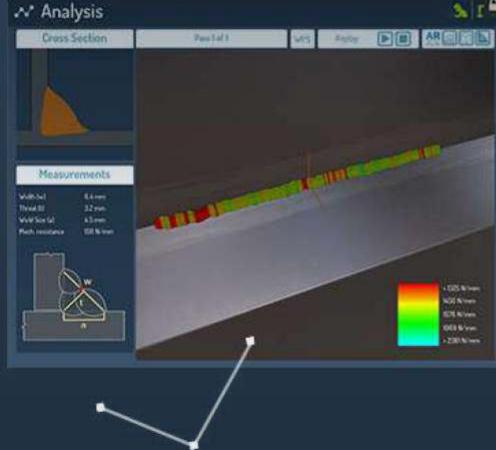


GTAW IMPROVEMENT

- Improved weld bead geometry and surface detail
- Overhauled weld puddle simulation for a more true-to-life TIG welding experience. See how the filler rod melts into the weld puddle
- Enhanced weld arc graphics representative of the real TIG welding process
- New real time guide to help students learn how to establish weld puddle and use filler rod to lay weld bead of uniform size
- New Advanced GTAW rod that simulates dipping technique

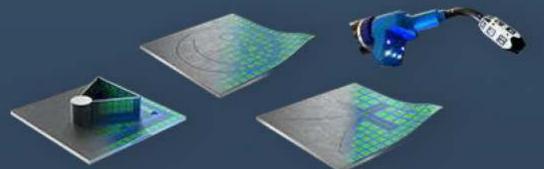
CROSS SECTION, MECHANICAL RESISTANCE AND BEND TEST





ROBOTICS

- Educational Partnership with COMAU & KUKA
- FANUC & ABB
- New Robotics Torches Options
- 1) Robotic vision module 2) Robotic educational 3) Robotics advanced torch



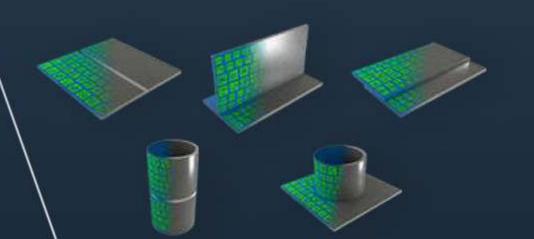
WELDING JOINTS

MOST COMPREHENSIVE AND ADVANCED **WELDING TRAINING JOINTS TO TRAIN EVERY** TYPE AND LEVEL OF WELDER, AND NEARLY **EVERY WELDING PROCESS SEQUENCE**

TRAINING

WELDING JOINTS

The most used welding joints for training in the world in accordance with the UNE-EN ISO 9606 norm.



INDUSTRIAL

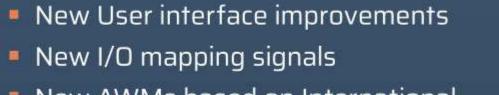
WELDING MULTIJOINTS

Bring real welding joints to Augmented Reality. Developed to cover specific welding training and performance needs.









New robots connection (Hiwin, Staubli)

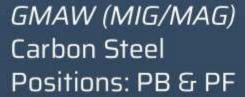
New AWMs based on International Welding Association

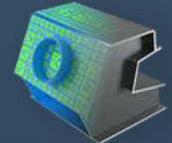
ADVANCED WELDING MULTIJOINTS

DESIGNED FOR VERTICAL SECTORS AND ADVANCED WELDERS.



Foundational Ambidex





Carbon Steel Positions: PB, PF, PD & PH







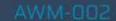
GMAW (MIG/MAG)

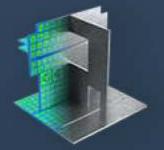
GMAW (MIG/MAG)

GMAW (MIG/MAG)

Carbon Steel

Positions: PF





Heavy Industry Specific Practices

GMAW (MIG/MAG) Carbon Steel Positions: PB, PF, PD & PA

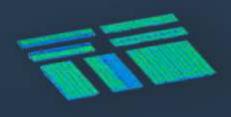




Carbon Steel Positions: PB



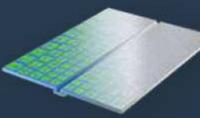




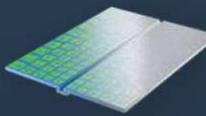
Automotive Thin Plates

GMAW (MIG/MAG) Carbon Steel Positions: PA, PB, PC, PD, PE, PF

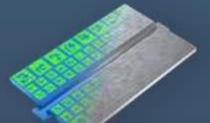




Shipbuildind Open Root







GMAW (MIG/MAG) Carbon Steel Positions: PF

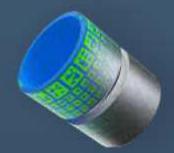
Shipbuilding Backing Strip



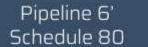
Robotic Foundacional

"Face"

AWM-007

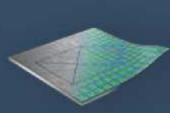


GMAW (MIG/MAG) & **FCAW** Carbon Steel Positions: 6G





800-MWA



Foundacional "House"





GMAW

(MIG/MAG)

AWM-009 /AWM-10 /AWM-10



Pipeline 6GR



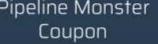


AWM-011



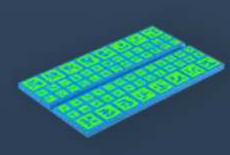
Pipeline Monster



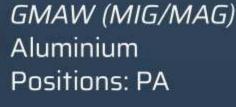




AWM-012

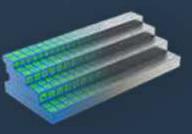


Open root with V-Groove





AWM-013

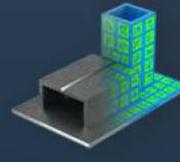


Carbon Steel Positions: PA

GMAW (MIG/MAG)



AWM-014

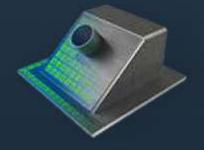


Robotic Foundational Assembly





AWM-015

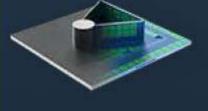


GMAW (MIG/MAG) Carbon Steel Positions: PB, PF, HL045





AWM-016



Robotics

AWS CRAW

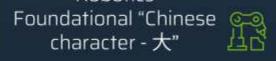
GMAW (MIG/MAG) Carbon Steel Positions: pb, pf

R

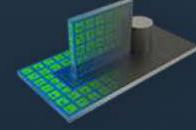
AWM-017



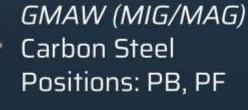
GMAW (MIG/MAG) Carbon Steel Positions: PA



AWM-018



Robotics **AWS CRAW**



M

AWM-019



AWS EDU coupons

GMAW, FCAW, SMAW, GTAW Carbon Steel Positions: PA, PB, PC, PD/PE







SOLDAMATIC ROBOTICS

IS THE MOST REALISTIC, COMPLETE, FLEXIBLE, AND PROGRAMMABLE ROBOTIC WELDING TRAINING SOLUTION.



SOLDAMATIC ROBOTICS IS CONNECTED TO A ROBOT ARM



Training operators in robot programming for specific welding routines



Modernizes the welding training center by training students in the latest industry requirements



Augmented Reality technology allows the use of the teach pendant of a real robot, thus reducing; consumption and risk



Soldamatic Robotics software works with almost any robot on the market



It incorporates different welding parts based on real market practices



- Tested content with hundreds of practices available.
- Remote access, from any place and any time.
- > It can be integrated in almost any robot in the actual market.



WELDING PROCESSES SUPPORTED MANUAL: SMAW (MISAMAC) SFOW GR; SMAW (MMALDELOTOR), STAW (TIG) ROBOTICS: GMAW (MISAMAC) SFOW GR; WELDING POSITIONS PA, PR, PC, PD, PP, PC, PP, PRAIL H, OBAJI OBE -15, PE, SF, 4F, 5F, 5F, 19, 26, 36, 46, 59, 36 HLOBG (SQ) and able in ARM-1-002, AWM-1008, AWM-1009,	VISION TECHNOLOGY	AUGMENTED REALITY			
PA_PE_PC_PC_PC_PC_PC_PC_PC_PC_PC_PC_PC_PC_PC_	WELDING PROCESSES SUPPORTED				
BF. RP. 16, 28, 36, 46, 50, 89 HLDAS (BS) available in AWM COS, AWM COS, AWM COT, AWM, COS, AWM COS, A		ROBOTICS: GMAW (MIG/MAG) &FCAW G/S			
ADDITIONAL WELDING JOINTS AVAILABLE 20 Additional Advanced Welding Multiplinits available for manual and robot welding based on Foundational, Automotive, Railway, Shipbuilding and ONBas Industries Manuar AMMODR, AWMODR, A	WELDING POSITIONS	5F, 6F, 1G, 2G, 3G, 4G, 5G, 6G HL045 (6G) available in AWM-002, AWM-008, AWM-011, AWM-			
for manual and robot welding based on Foundational, Automotive, Railway, Snipbulicing and Olikas industries Manuat AMMOOT, AMMOOR, AMMOOR, AWMOOR, AWM	DEFAULT WELDING JOINTS INCLUDED				
AWMOOS, AWMOOT, AWMOOS, AWMOOT, AWMOOS, AWMOOTS, AWMOOTS, AWMOOTS, AWMOOTS, AWMOOTS, AWMOOTS, AWMOOTS, AWMOOS, AWMOOS, AWMOOTS, AWMOOS, AWMOOS	ADDITIONAL WELDING JOINTS AVAILABLE	for manual and robot welding based on Foundational,			
WELDING JOINTS FOR SPECIFIC INDUSTRIAL NEEDS With Industrial Welding Services Including the physical workpiece. Industrial Welding Services Including the physical workpiece. Industrial Welding Services Including the physical workpiece. Industrial Welding Services It can be manipulated at any time during the exercise to perform a visual inspection of the welding bead. The MANUAL: YES, by Ablicor Binzel HAPTICS MANUAL: YES, by Ablicor Binzel Handle ergonomics by Ablicor Binzel Handle ergonomics by Ablicor Binzel Handle ergonomics by Ablicor Binzel Advanced GMAW/FCAW torch includes vibration feature WELDING SOUNDS REAL WELDING MASK YES VOLTAGE SELECTION ROBOTICS: in job selection WIRE SPEED SELECTION WIRE SPEED SELECTION Carbon Steel, Stainless Steel, Aluminium GAS COMPOSITION MATERIAL GMAW GTAW FCAW Carbon Steel, Stainless Steel, Aluminium MATERIAL GMAW GTAW FCAW Carbon Steel Argon - Co°, CD° Helium* Argon Argon - Stainless Steel Argon - O° Argon - Co°, CD° Aluminum Argon Argon - Stainless Steel Argon - O° Argon - Co°, CD° Aluminum, 2mm, 7mm, 8mm, 15mm, 15mm, 20mm, 25mm available with Advanced license		AWM006, AWM007, AWM008, AWM011, AWM012, AWM013,			
Including the physical workpiece, industrial Welding Services PIECE CAN BE MANIPULATED SEPARATELY It can be manipulated at any time during the exercise to perform a visual inspection of the welding bead. The MANUAL: YES, by Abicor Binzel Handle ergonomics by Abicor Binzel Hand					
PIECE CAN BE MANIPULATED SEPARATELY If can be manipulated at any time during the exercise to perform a visual inspection of the welding bead. The MANUAL: YES, by Abicor Binzel HAPTICS Advanced GMAW/FCAW torch includes vibration feature WELDING SOUNDS Recorded in a real welding lab YES VOLTAGE SELECTION PROBOTICS: in job selection WIRE SPEED SELECTION UNITE SPEED SELECTION In AWM-005 (Automotive Thin Plates) and Industrial Services COUPON MATERIAL SELECTION MATERIAL SELECTION MATERIAL SELECTION MATERIAL SELECTION MATERIAL SMAW GTAW FCAW Carbon Steel, Stainless Steel, Aluminium Argon - Co ^o , CO ^o Aluminium Argon - Argon - Stainless Steel Argon - O ^o Argon - Stainless Steel Argon - O ^o Argon - Stainless Steel Argon, 25mm available with Advanced license	WELDING JOINTS FOR SPECIFIC INDUSTRIAL NEEDS	With Industrial Welding Services			
to perform a visual inspection of the welding bead. The MANUAL: YES, by Abicor Binzel	ON DEMAND TAILOR MADE COUPONS	Including the physical workpiece. Industrial Welding Services			
HAPTICS HAPTICS HAPTICS Advanced GMAW/FCAW torch includes vibration feature Recorded in a real welding lab FEAL WELDING MASK VOLTAGE SELECTION SHIELDING GAS SELECTION WIRE SPEED SELECTION PLUG WELDING COUPON MATERIAL SELECTION MATERIAL SELECTION MATERIAL SELECTION MATERIAL GMAW GTAW FCAW Carbon Steel Argon - Co², CO² Aluminium Argon Argon - Stainless Steel Argon - O² Argon - Stainless Steel Argon - Stainless Steel Argon - Steel Argon - Stainless Steel Argon - Stainless Steel Argon - Steel Argon - Stainless Steel Argon - Steel	PIECE CAN BE MANIPULATED SEPARATELY				
HAPTICS Advanced GMAW/FCAW torch includes vibration feature Recorded in a real welding lab REAL WELDING MASK YES VOLTAGE SELECTION ROBOTICS: in job selection SHIELDING GAS SELECTION UIRE SPEED SELECTION Curing the exercise ROBOTICS: in job selection FLUG WELDING In AWM-005 (Automotive Thin Plates) and Industrial Services COUPON MATERIAL SELECTION GAS COMPOSITION MATERIAL GMAW GTAW FCAW Carbon Steel, Stainless Steel, Aluminium MATERIAL GMAW GTAW FCAW Carbon Steel Argon - Co², Co² Helium* Argon - Co², Co² Aluminium Argon Argon - Co², Co² Aluminium Argon Argon - Co², Co² Aluminium Argon - Co², C	REAL WELDING TORCHES	MANUAL: YES, by Abicor Binzel			
REAL WELDING MASK YES VOLTAGE SELECTION ROBOTICS: in job selection SHIELDING GAS SELECTION WIRE SPEED SELECTION Curjng the exercise ROBOTICS: in job selection Curjng the exercise ROBOTICS: in job selection MATERIAL SELECTION MATERIAL GMAW GTAW FCAW Carbon Steel Argon - Co², Co² Hellium* Argon - Co², Co² Aluminium Argon Argon - Stainless Steel Argon - O² Aluminium Argon Argon - Stainless Steel Argon - O² Aluminium Argon - Argon - Co², Co² Aluminium Argon - Stainless Steel Argon - O² Argon - Co², Co² Aluminium Argon - Argon - Co², Co² Aluminium - Stainless Steel Argon - O² Argon - Co², Co² Aluminium - Communium -	REAL ADVANCED WELDING TORCHES	Handle ergonomics by Abicor Binzel			
PEAL WELDING MASK VOLTAGE SELECTION ROBOTICS: in job selection SHIELDING GAS SELECTION WIRE SPEED SELECTION UITING WELDING In AWM-005 (Automotive Thin Plates) and Industrial Services COUPON MATERIAL SELECTION Carbon Steel, Stainless Steel, Aluminium GAS COMPOSITION MATERIAL GMAW GTAW FCAW Carbon Steel Argon - Co², CO² Helium* Argon - Stainless Steel Argon - O² Argon - Stainless Steel Argon, 25mm available with Advanced license	HAPTICS	Advanced GMAW/FCAW torch includes vibration feature			
VOLTAGE SELECTION ROBOTICS: in job selection SHIELDING GAS SELECTION WIRE SPEED SELECTION Ouring the exercise ROBOTICS: in job selection FLUG WELDING In AWM-005 (Automotive Thin Plates) and Industrial Services COUPON MATERIAL SELECTION GAS COMPOSITION MATERIAL GMAW GTAW FCAW Carbon Steel, Aluminium Argon GTAW FCAW Carbon Steel Argon - Co², Co² Helium* Argon - Co², Co² Aluminium Argon Argon - Stainless Steel Argon - O² Argon -	WELDING SOUNDS	Recorded in a real welding lab			
ROBOTICS: in job selection SHIELDING GAS SELECTION WIRE SPEED SELECTION Curing the exercise ROBOTICS: in job selection HAWM-005 (Automotive Thin Plates) and Industrial Services COUPON MATERIAL SELECTION Carbon Steel, Stainless Steel, Aluminium MATERIAL GMAW GTAW FCAW Carbon Steel Argon - Co², CO² Helium* Argon - Co², CO² Aluminium Argon Argon - Stainless Steel Argon - O² Argon - Stainless Steel Argon - O² Argon - COUPON THICKNESS SELECTION YES: 3mm, 6mm, 10mm 1mm, 2mm, 7mm, 8mm, 15mm, 16mm, 20mm, 25mm available with Advanced license	REAL WELDING MASK	YES			
SHIELDING GAS SELECTION WIRE SPEED SELECTION during the exercise ROBOTICS: in job selection PLUG WELDING In AWM-005 (Automotive Thin Plates) and Industrial Services COUPON MATERIAL SELECTION GAS COMPOSITION MATERIAL GMAW GTAW FCAW Carbon Steel Argon - Co², Co² Helium* Argon - Co², Co² Aluminium Argon Argon - Stainless Steel Argon - O² Argon - Stainless Steel Argon - O² Argon - COUPON THICKNESS SELECTION YES: 3mm, 6mm, 10mm 1mm, 2mm, 7mm, 8mm, 15mm, 16mm, 20mm, 25mm available with Advanced license	VOLTAGE SELECTION				
WIRE SPEED SELECTION during the exercise ROBOTICS: in job selection PLUG WELDING In AWM-005 (Automotive Thin Plates) and Industrial Services COUPON MATERIAL SELECTION Carbon Steel, Stainless Steel, Aluminium MATERIAL GMAW GTAW FCAW Carbon Steel Argon - Co², Co² Helium* Argon - Co², Co² Aluminium Argon Stainless Steel Argon - O² Argon Tmm, 2mm, 7mm, 8mm, 16mm, 20mm, 25mm available with Advanced license		ROBOTICS: in job selection			
WIRE SPEED SELECTION during the exercise ROBOTICS: in job selection PLUG WELDING In AWM-005 (Automotive Thin Plates) and Industrial Services COUPON MATERIAL SELECTION Carbon Steel, Stainless Steel, Aluminium MATERIAL GMAW GTAW FCAW Carbon Steel Argon - Co², Co² Helium* Argon - Co², Co² Aluminium Argon Stainless Steel Argon - O² Argon Tmm, 2mm, 7mm, 8mm, 16mm, 20mm, 25mm available with Advanced license					
during the exercise ROBOTICS: in job selection PLUG WELDING In AWM-005 (Automotive Thin Plates) and Industrial Services COUPON MATERIAL SELECTION Carbon Steel, Stainless Steel, Aluminium MATERIAL GMAW GTAW FCAW Carbon Steel Argon - Co², CO² Helium* Argon - Co², CO² Aluminium Argon Argon - Stainless Steel Argon - O² Argon - Stainless Steel Argon - O² Argon - WES: 3mm, 6mm, 10mm 1mm, 2mm, 7mm, 8mm, 15mm, 16mm, 20mm, 25mm available with Advanced license	SHIELDING GAS SELECTION				
ROBOTICS: in job selection PLUG WELDING In AWM-005 (Automotive Thin Plates) and Industrial Services COUPON MATERIAL SELECTION Carbon Steel, Stainless Steel, Aluminium MATERIAL GMAW GTAW FCAW Carbon Steel Argon - Co², CO² Helium* Argon - Stainless Steel Argon - O² Aluminium Argon - Stainless Steel Argon - O² Argon - O² Thickness Selection YES: 3mm, 6mm, 10mm 1mm, 2mm, 7mm, 8mm, 15mm, 16mm, 20mm, 25mm available with Advanced license	WIRE SPEED SELECTION				
PLUG WELDING In AWM-005 (Automotive Thin Plates) and Industrial Services COUPON MATERIAL SELECTION Carbon Steel, Stainless Steel, Aluminium MATERIAL GMAW GTAW FCAW Carbon Steel Argon - Co², CO² Helium* Argon - Argon - Stainless Steel Argon - O² Argon - Co², CO² Argon - Co² Argon		during the exercise			
COUPON MATERIAL SELECTION Carbon Steel, Stainless Steel, Aluminium MATERIAL GMAW GTAW FCAW Carbon Steel Argon - Co², CO² Helium* Argon - Co², CO² Aluminium Argon Argon - Stainless Steel Argon - O² Argon - Co², CO² WES: 3mm, 6mm, 10mm 1mm, 2mm, 7mm, 8mm, 15mm, 16mm, 20mm, 25mm available with Advanced license		ROBOTICS: in job selection			
MATERIAL GMAW GTAW FCAW Carbon Steel Argon - Co², CO² Helium* Argon - Co², CO² Aluminium Argon Argon - Stainless Steel Argon - O² Argon - COUPON THICKNESS SELECTION YES: 3mm, 6mm, 10mm 1mm, 2mm, 7mm, 8mm, 15mm, 16mm, 20mm, 25mm available with Advanced license	PLUG WELDING	In AWM-005 (Automotive Thin Plates) and Industrial Services			
Carbon Steel Argon - Co², CO² Helium* Argon - Co², CO² Aluminium Argon Argon - Stainless Steel Argon - O² Argon - YES: 3mm, 6mm, 10mm 1mm, 2mm, 7mm, 8mm, 15mm, 16mm, 20mm, 25mm available with Advanced license	COUPON MATERIAL SELECTION	Carbon Steel, Stainless Steel, Aluminium			
Aluminium Argon - Stainless Steel Argon - O² Argon - COUPON THICKNESS SELECTION YES: 3mm, 6mm, 10mm 1mm, 2mm, 7mm, 8mm, 15mm, 16mm, 20mm, 25mm available with Advanced license	GAS COMPOSITION	MATERIAL GMAW GTAW FCAW			
Stainless Steel Argon - 0 ² Argon - COUPON THICKNESS SELECTION YES: 3mm, 6mm, 10mm 1mm, 2mm, 7mm, 8mm, 15mm, 16mm, 20mm, 25mm available with Advanced license		Carbon Steel Argon - Co², CO² Helium* Argon - Co², CO²			
COUPON THICKNESS SELECTION YES: 3mm, 6mm, 10mm 1mm, 2mm, 7mm, 8mm, 15mm, 16mm, 20mm, 25mm available with Advanced license					
1mm, 2mm, 7mm, 8mm, 15mm, 16mm, 20mm, 25mm available with Advanced license		Stainless Steel Argon - O ² Argon -			
POSSIBILITY TO USE OTHER THICKNESSES On demand with Industrial Welding Services	COUPON THICKNESS SELECTION	1mm, 2mm, 7mm, 8mm, 15mm, 16mm, 20mm, 25mm available			
	POSSIBILITY TO USE OTHER THICKNESSES	On demand with Industrial Welding Services			



	MATERIAL	GMAW	SIV	AW		GTAW	
	Carbon	0.8mm, 1mm		2.5mm,			
	Stainless Steel	1.2 mm			2mm, 2.4mm, — 3.2 mm		
	Aluminium	1mm, 1.2mm	1	-			
	MATERIAL	GMAW	SMAW	GTAV	V	FCAW	
	Carbon Steel	ER70S-6	E7018, E6010, E6013	E6010, ER70S		E71T-1, E71T-7	
	Stainless Steel	E316LSi	E316L	ER316	3L		
	Aluminium	ER5356	_	ER53	56		
POSSIBILITY TO TRY DIFFERENT SETTINGS DURING THE EXERCISE AND THEIR EFFECTS IN THE WELDING BEAD	YES						
MULTIPASS EXERCISE WITH DIFFERENT WELDING PROCESSES	YES						
WELDING TECHNIQUE	Push / Drag						
	Straight, Triangle, Convex, Circle, Zigzag						
WELDING DIRECTION	ROBOTICS: Right to left/ Left to right						
OPEN ROOT WELDING	In AWM-006, AWM-008, AWM-011, AWM-012, AWM-013 and AWM-015						
TRANSFER MODES	Short circuit, globular, spray, pulsed-arc (available for AWM welding joints)					e for AWM	
UNDO WELDING	It is possible to undo a pass or weldment repeating only a certain part of the exercise						
-	They can be added/removed						
POSSIBILITY TO CONNECT THE UNIT TO A ROBOTIC ARM	Robotics license needed						
ANALYSIS MODULE	YES						
ADVANCED ANALYSIS MODULE	Included in Advanced licenses. Mechanical Resistance and Cross Section				ance and		
DEFECTS ANALYZED	AWM welding jo	ints)					



REPORT FEATURES	CTWD, Travel Speed, Work Angle, Travel Angle, Trajectory, Voltage, Wirefeed Speed, Technical Parameters, Equipment			
AUGMENTED TRAINING CONTENT	Developed by Seabery: Augmented Training Soldamatic Welding Course; Augmented Training Methodology; Introduction to Robot Welding; MAG position PF / PD / PH			
INTERNATIONAL PUBLISHERS CONTENT	AWS, CESOL, DVS, Ludo Breemans			
LMS APPLICATION	Soldamatic e-Learning for Teachers and Students			
LMS APPLICATION:TEACHER ACCESS	Easy web access and also desktop application			
LMS APPLICATION:STUDENTS ACCESS	Web access. Visualize contents, progress, take tests, live chat			
LMS APPLICATION:LIVE CHAT	Available for teachers and students			
LMS APPLICATION:SHAREVIEW	Teachers can see what the students see in real time in their laptop, either within the same classroom or online			
	Synchronous and asynchronous options			
	centers online, seeing in real time their progress and the welders? point of view while welding			
STUDENT PERSONALIZED PROFILE	Practices report and progression			
REPORTS	Exercises, courses, students and diploma reports. Also (format available for end-user custom reports			
CUSTOMIZED PRACTICES	Customized in Soldamatic E-Learning			
REAL ENVIRONMENT DURING SIMULATION	YES			
SUBSCRIPTION OPTIONS	Anual or Lifetime			
UPDATES				
	the license with no additional cost New system versions included in the anual license with no additional cost			
REMOTE MAINTENACE	YES			
SPECIFIC CUSTOMER ADAPTATIONS ON DEMAND	YES			
REGULATIONS	CE and FCC			
CERTIFICATIONS	ISO 9001 Quality Management System ISO 14001 Environmental Management System			
WARRANTY	1 year by default, up to 2 more years optional			
SOLDAMATI	C SIMULATOR			
	442,5×239,5×457,5mm (17.42×94.29×18.72 in.)			
	9.46 Kilograms (20.85 lbs.)			
	10.5 Kilograms (23.15 lbs.)			
ACCESORIES	ROBOTICS: Vision Module, Robotics educational torch and Robotics advanced torch			
	OPTIONAL: GTAW (TIG) Pedal, Workstand, Augmented Lab			

POWER SUPPLY	100V-240V			
PROCESSOR	Intel® Core? i5 10th gen			
CHIPSET	Intel® Q470E			
RAM	16 GB (2 x 8GB Dual-Channel) DDR4 2400Mhz			
GRAPHIC CARD	NVIDIA Quadro T1000			
HARD DISK	M.2 SSD 128GB			
AUDIO				
OPERATING SYSTEM	Seabery Operating System optimized for Soldamatic 2023			
AUTOMATIC SHUTDOWN	-			
DISPLAY SIZE	9.7??			
DISPLAY RESOLUTION	HD LCD 1024 x 768 XGA			
BACK PANEL PORTS	Screen: HDMI/Display Ports USB: 4 x USB 3.2 Gen 1 Connection: 2x LAN 2x Antennas Intel® WiFi6 Dual Band Audio: microphone & Speakers ports Others: Robotics port			
FRONT PANEL PORTS	1 X USB type A, 1 X USB type B			
AR VISION MODULE RESOLUTION	MIPI LCD 4,7? HDMI Display input up to 1280×720 Ultra-low video distortion 24-bit True Colour			
	640x480 / 800x600 Autofocus			
UNIT CAN BE USED WITH GLASSES	YES			
OPERATING TEMPERATURE	0 - 45°			
HUMIDITY	10 - 80%			

SOLDAMATIC SERVER	
INSTALLATION TYPE	ON-PREMISE OR CLOUD
RAM MEMORY	8GB DDR4 3200MH
MOTHERBOARD	Asus H110M-E
MICROPROCESSOR	Intel Core i3-12100
POWER SUPPLY	Fuente 500w
HARD DISK 1	SSD 240GB SATA3
	1TB SATA3
NETWORK CARD	TP-Link TG-3468
WINDOWS	MacOS
WINDOWS 10 64 BITS	OS Min: High Sierra 10.13

Processor: Intel I5 2.5GHz

RAM: 8GB

Processor: Intel I5 1.86GHz

Graphic card: Intel Iris Plus Graphics 640

RAM: 8GB





Seabery is the international leader in professional skills training with augmented reality-based simulation training solutions for the 21st century workforce, with partners and presence in more than 80 countries.

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