

2025-06-03

Hall: 1 Booth: 1D38M

SCHWEISSEN & SCHNEIDEN

NEW Diamond Series™ TIG Torches

The new Diamond Series™ by CK Worldwide represents the next evolution in professional TIG torch design—engineered specifically for the needs of German and European fabricators. This high-performance torch line features a completely redesigned handle and body structure for enhanced cooling, improved durability, and maximum operator comfort. Whether in manual or automated TIG applications, the Diamond Series delivers the precision and reliability expected from CK Worldwide—now with manufacturing based in Germany for faster local availability and service.

Built to perform in high-amperage, high-duty-cycle environments, each torch in the Diamond Series features:

- | Enhanced cooling system for longer consumable life and reduced thermal fatigue
- | New ergonomic handle design for reduced operator strain during extended welds
- | Durable construction for heavy industrial use
- | Full compatibility with standard European interfaces and connector systems
- | Designed in the USA, manufactured in Germany—combining innovation with engineering precision

Available in multiple configurations (air-cooled, water-cooled, fixed and flex-head designs), the Diamond Series is CK Worldwide's answer to Europe's demand for uncompromising TIG performance.

Visit us at SCHWEISSEN & SCHNEIDEN to experience the Diamond Series first-hand and learn how CK Worldwide continues to set the standard in TIG welding.

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2025-07-14

Hall: 5 Booth: 5E20

SCHWEISSEN & SCHNEIDEN

ABM-50 DD Vario | AUTO-FEED HEAVY DUTY BEVELLER

The ABM-50 DD Vario is a self-propelled bevelling machine that produces high quality bevels up to 50 mm wide, on the top edge of plates from 8 mm to 80 mm thick, without thermal distortion or the creation of a heat-affected zone through efficient milling using a high speed rotary head with cutting inserts.

Adjustment of spindle speed and feed rate, together with a load level LED monitoring system, helps to optimize cutting conditions depending on the grade of material, including stainless steel, duplex, alloys, hardox and many others.

The ABM-50 DD Vario allows continuous adjustment of bevel angle over a wide range from 15 to 70 degrees.

For beveling carbon steel only, the customer can choose the basic ABM-50 DD model with fixed spindle speed.

Primary features and benefits:

- | self-propelled machine moves along the edge of the plate at speeds of up to 1.2 m/min.
- | auto-feed machining to increase ergonomics, comfort, and productivity
- | continuous bevel angle adjustment from 15° to 70°
- | high-quality bevels made without thermal distortion or creation of heat-affected zone on plate thickness range 8-80 mm
- | continuous bevel width adjustment up to 50 mm at 45 degrees
- | variable spindle speed for machining a wide range of steel grades
- | LED monitoring system indicates the load level by means of green, yellow and red signals to prevent motor damage
- | top bevelling with height adjustment between 840 and 1040 mm from the floor
- | milling head equipped with 5 pcs of 4-sided indexable cutting inserts
- | a range of cutting inserts designed for optimum performance on a variety of materials
- | spring-loaded castor wheels help compensate for unevenness between the plate and the floor, ensuring stable movement of the machine during beveling
- | stationary operation for machining small workpieces

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2025-07-09

Hall: 1 Booth: 1A14

SCHWEISSEN & SCHNEIDEN

Looking for a high-performance welder? Enjoy 16–500A range, cart and cooling system. GMAW, FCAW, SMAW ready. Buy now and elevate your welding game!

Welding processes: Gas metal arc welding with a consumable electrode in a protective gas environment (GMAW – MIG/MAG); Self-shielded flux-cored arc welding (FCAW-S); Gas-shielded flux-cored arc welding (FCAW-G); Manual metal arc welding with a coated electrode (SMAW); Tungsten inert gas welding with contact ignition (GTAW – Lift-TIG); Carbon arc cutting (CAC); Carbon arc cutting with compressed air (CAC-A).

Welding Current: 16 A – 500 A

Input Voltage: 400 V (+15 % / -15 %)

Warranty: 2-Year Warranty and Technical Support

Wire Feed System: 4-roller feeder | for wire spools up to 18 kg

Duty Cycle (MIG/MAG): 71 % at 500 A, 100 % at 420 A

Duty Cycle (TIG): 72 % at 500 A, 100 % at 424 A

Duty Cycle (MMA): 70 % at 500 A, 100 % at 418 A

Weight: 110.0 kg

Dimensions: 510 × 180 × 385 mm

Protection Rate: IP33

Standards and Approvals: EN 60204-1:2018 | EN IEC 60974-1:2022 | EN 60974-10:2021

The professional, digitally controlled MIG Welding Machine PATON™ ProMIG-500-WK-15-4, equipped with a dedicated trolley and cooling system, combines versatility with high energy efficiency. It supports SMAW (covered electrode), GMAW (MIG/MAG), FCAW (with or without shielding gas) and GTAW LIFT (TIG). With a welding current range from 16 to 500 A, one can fine-tune parameters for various materials and thicknesses, whether in the workshop or on-site. The ProMIG-500-WK-15-4 model accommodates covered electrodes (1.6–8.0 mm), welding wires (0.6–1.6 mm) and tungsten electrodes (1.0–5.0 mm), making it ideal for serial production and steel construction in heavy industry.

A robust four-roller wire feeding system with full drive, compatible with spools of 5, 15 or 18 kg, ensures stable and accurate wire feeding – even with soft aluminium, crucial for welding this metal. Fitted with wheels for ease of mobility, it can also connect to a communication cable up to 30 metres, enhancing flexibility in large industrial settings or constr

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2025-08-11

Hall: 1 Booth: 1D39, Hall: 1 Booth: 1C30

SCHWEISSEN & SCHNEIDEN

EWS presents new TIG torch series and MIG/MAG fume extraction torch at SCHWEISSEN & SCHNEIDEN 2025

Joint stand with Autogen Ritter: Hall 1, Stand 1C30

Additional stand with CK Worldwide: Hall 1, Stand 1D39

At this year's SCHWEISSEN & SCHNEIDEN, EWS European Welding Service GmbH showcases two exhibition stands focused on practical torch solutions, accessories, and PPE for professional use in TIG, MIG/MAG, and plasma applications.

At the joint stand with Autogen Ritter, the spotlight is on the new TIGZONE eVo-X Series – a modular TIG torch line designed for industrial demands. With unified consumables for all four models, a durable X-collet system, flexible torch necks, and proven EWS ergonomics, the eVo-X series simplifies work and reduces downtime. Alongside, the MIGZONE AiR WeldGuard fume extraction torch is featured – a proven solution for clean MIG/MAG welding.

Rhino Protection PPE products are also back on display, including welding jackets and aprons made in Italy, plus robust welding gloves with externally printed size markings – a detail that makes selection and stock handling easier for both dealers and end users.

At the second stand, EWS and CK Worldwide present the new Diamond Series™ (EDS): five TIG torch models (EDS9, EDS17, EDS26, EDS18, EDS230), available gas- or water-cooled, with rigid or flexible necks. Built in Germany, these torches offer improved cooling, ergonomic grips, robust construction, and compatibility with common European systems – ensuring fast availability, consistent quality, and optimal service.

The presentation highlights the long-standing partnership between CK Worldwide and EWS, established in 2008. As exclusive distributor and local manufacturing site in Germany, EWS delivers practical innovation, short delivery times, and full product integrity – professional welding technology without compromise.

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2025-05-06

Hall: 5 Booth: 5A20

SCHWEISSEN & SCHNEIDEN

RESTAK

Long lasting, green base, Antispatter spray.

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2025-07-11

Hall: 6 Booth: 6H18

SCHWEISSEN & SCHNEIDEN

ER316LSi/ERNiCrMo-3/E71T-GS

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Contact:

Qingdao Tensileweld Welding Consumables Co. Ltd.

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2025-07-07

Hall: 6 Booth: 6H18

SCHWEISSEN & SCHNEIDEN

ERTi-2 Grade 2, DIN 3.7035 Ti(99.6%) Titanium Welding Wire, Filler rod

Category: GMAW-GTAW Solid wires

AWS A5.16 Classification: ERTi-2

Applications: ER Ti-2 is developed for welding Titanium grade 1, 2, 3 and 4. This alloy finds his applications in chemical industry and offers excellent weldability.

Properties: The weld deposit is ductile and offers excellent corrosion resistance in oxidizing environments. The unique combination of mechanical strength and corrosion resistance makes the alloy a preferred choice in many applications to prevent or solve problems. The wire is cleaned in a very special way to obtain porosity free and a ductile weld deposit.

Weld metal analysis%:

C:

2025-07-10

Hall: 5 Booth: 5E23

SCHWEISSEN & SCHNEIDEN

Welding machines range-NV series

NV series, the "Truly Digital" welding. HUGONG NV series combines a clean-sheet industrial design with digital waveform control technology, truly achieving multiple welding process.

Machine benefits:

- | DIGITAL PLATFORM: Utilizes a 32-bit Cortex M4 chip that can perform 500,000 operations per second.
- | USER-FRIENDLY UI: HDVision is applied; up to 5/7 inch size LCD; Easy parameter-setting
- | SYNERGIC AND EXPERT MODE: Fine control of the droplet transfer process, yielding precise heat input and weld formation.
- | ROBUST DESIGN: Conducted the complete testing including LVD, EMC, Vibration, IP dropping test etc. and Full RoHS 2.0 compliance.
- | FLEXIBLE REMOTE CONTROL: Different remote controls can be selected, like torch, handle, foot pedal.
- | IOT AND ROBOT CONNECTION: Available for connecting to IOT system through 5G, WIFI, blue tooth, to robot through DeviceNet, CAN Open, EtherNet/IP etc.

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2025-06-24

Hall: 8 Booth: 8C21.E

SCHWEISSEN & SCHNEIDEN

TIG200F Pro AC/DC

TIG200F Pro AC/DC welding machine is a professional inverter type tig welder for both steel and aluminium welding with the following six features:

- | DC cold welding;
- | AC cold welding;
- | AC Direct Bond welding mode, Aluminium welding without the filler?
- | Weld Bead cleaning?
- | Pre-darkening mask(optional blue tooth version);
- | EN/EP independent current adjustment to optimise the adjustment between aluminium cleaning and penetration

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2025-07-11

Hall: 3 Booth: 3A17

SCHWEISSEN & SCHNEIDEN

Innovative Cylinders

ZentraGas supplies industrial gases and innovative packaging solutions tailored to sectors such as welding, food processing, analysis, HVAC, and general industry. Our services include the supply of lightweight high-pressure cylinders, gas bundles, customized mixtures, ADR-compliant logistics, and private label solutions. Starting in 2026, a new filling plant in France will allow us to serve European markets more efficiently.

Innovative Cylinders

ZentraGas offers:

┆ Ultralight composite cylinders (13.3 / 20 / 50 liters – 200 bar)

┆ High-pressure composite cylinders (18 / 45 liters – 300 bar)

┆ Bundles of 18 cylinders (200 and 300 bar)

Made from carbon fiber with epoxy reinforcement, our cylinders are up to three times lighter than traditional steel bottles. They offer superior safety, improved ergonomics, and easier handling. The hexagonal shape allows for better stacking and transport stability. Suitable for both industrial and food-grade gases.

Contact:

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2025-07-21

Hall: 2 Booth: 2C10

SCHWEISSEN & SCHNEIDEN

Handheld Laser Welder Cobot

Solution Features

A solution using a cobot with a handheld laser welder can support your highly flexible, multi-batch automated production needs while reducing operator skill requirements for intelligent manufacturing.

Advantages:

1.High flexibility

The cobot cell can be easily applied to various scenarios, and the design is obtained

2.High usability

Debugging is simple, and track teaching can be accomplished by simple drag and drop

3.High Security

The joint of the cobot is equipped with current detection, which can respond in time and stop the operation

4.High integration

Control all process equipment through a single demonstrator

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2025-06-24

Hall: 2 Booth: 2A10

SCHWEISSEN & SCHNEIDEN

The Mini Torch Kit - Precise and Flexible Oxy-Fuel Solution

This kit is ideal for precision tasks like jewelry repair, electronics, crafts, and metalwork. Works with multiple fuels: acetylene, propane, propylene, hydrogen, or natural gas. Lightweight for reduced fatigue and better control. Includes flexible, high-quality hoses and versatile tips offering various flame lengths and heat outputs for working with different metals and thicknesses.

Contact:

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2025-07-15

Hall: 8 Booth: 8A08.1

SCHWEISSEN & SCHNEIDEN

SSW Tool Holder

The SSW Tool Holder by Keihin Ramtech is an innovative friction stir welding (FSW) tool that can be mounted on the automatic tool changer (ATC) of existing cutting machines, eliminating the need for dedicated FSW equipment. At its core is Synchronized Stir Welding (SSW)—a patented process using micro-vibrations in both rotational and vertical directions to enable precise, defect-free fusion at low temperatures (around 150°C).

Key benefits include twice the welding speed of traditional FSW, 95% tensile strength compared to base material, and a smaller shoulder diameter without the need for a tool tilt angle. Its compatibility with compact setups makes it ideal for applications requiring high precision and strength.

The SSW Tool Holder is used across sectors such as EVs, automotive, aerospace, and space, where reliable, low-distortion welding is essential. Keihin Ramtech also provides technical support through R&D testing and parameter optimization.

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2025-07-10

Hall: 1 Booth: 1A12

SCHWEISSEN & SCHNEIDEN

Gas-free MIAB welding technology is an innovative, highly productive process for the mass production of steel pipes and automotive tubular parts

Developed in PWI

The SPEED SOLUTION

MIAB welding technology & machines

Magnetically impelled arc butt welding

The welding arc under the influence of an external magnetic field moves in a narrow gap between butts of the tubes. The high speed of the arc, up to 300 m/s, allows for uniform heating of the ends over the entire welded surface of the pipes. The welded joint is formed by upset and joint plastic deformation butts of tubes.

Main practical advantages:

- | welding consumables and shielding gas are not required;
- | short welding time, tube OD 120x5 mm — 22 s;
- | control and registration of the main parameters during the welding process;
- | uniform and concentrated heating around the butt perimeter;
- | the strength and ductility properties of welding joints at level of the base metal;
- | automation of the welding process;
- | high efficiency for industrial mass production.

Contact:

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2025-02-17

Hall: 6 Booth: 6G14

SCHWEISSEN & SCHNEIDEN

Perfection in Laser Welding and Laser Cleaning

novoflow - Perfection in laser welding and laser cleaning

Innovative technology for precise weld seams and residue-free cleaning. Efficient, sustainable and reliable for the highest quality standards.

Visit us at our booth and experience our solutions live!

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2025-07-08

Hall: 6 Booth: 6G14

SCHWEISSEN & SCHNEIDEN

World premiere - 500 W air-cooled laser cleaning device GTS-500

| only 54 kg = small and light, makes outdoor work more flexible and comfortable!

| versatile in use

| higher efficiency

| lower costs

Contact:

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2025-09-10

Hall: Galeria Booth: GA39

SCHWEISSEN & SCHNEIDEN

Formlabs Form 4L

The Form 4L from Formlabs is a large-format SLA 3D printer for professional applications. Thanks to its high printing speed, large build platform and proven precision, it is ideal for producing prototypes, functional components and small series. Typical areas of application include product development, architecture, medical technology and manufacturing.

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2025-07-03

Hall: Galeria Booth: GA27

SCHWEISSEN & SCHNEIDEN

Cordless Hot Air Gun – Powered by gas

Most of the cordless hot air guns come with a battery which is heavier and takes a long time to charge.

With the hot air gun powered by lighter gas, you only need 3 seconds to charge it and it can work for 1 hour.

You do not have to carry a battery which makes the product more compact. Also, since the hot air created by the flame which bring it higher temperature, 550 °C.

MULTIPURPOSE HOT AIR GUN: A versatile hot air gun, used on heat shrink tubing, wire connectors to soldering and de-soldering. Gas Hot Air Gun for quick and effective heating ability. Like loosen rusted bolts, defrost frozen metal, terminate electrical wire connectors and terminals, and more.

Contact:

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2022-11-15

Hall: 5 Booth: 5A27

SCHWEISSEN & SCHNEIDEN

Energy-efficient: Yaskawa robots with regenerative braking

Yaskawa offers a technical solution for the recovery of robot braking energy into the power grid – as a standard and without additional hardware. All larger MOTOMAN robot series with a payload upwards of approximately 50 kilogram and the latest YRC1000 robot controls are able to convert kinetic energy from down and sideways movements directly into 400 V AC at 50 Hz and feed it back into the net. Depending on its movement pattern, the robot's energy requirements are therewith significantly reduced.

Prerequisite for this energy recovery is the standard YRC1000 robot controller in conjunction with the larger robots with payloads upwards of approximately 50 kilogram.

In their very diverse tasks – such as handling, palletizing, joining and processing – industrial robots make many down or sideways movements, during which the servomotors dissipate energy and potentially generate electricity. Up until now, in older or other robot models on the market, the resulting energy has been converted to waste heat by control technology through electrical resistance and lost to the environment.

In the Yaskawa solution, the electric energy is fed back into the operator network without additional hardware and reused. Savings in the eight to 25 per cent range can be anticipated. This may well result in annual feed-ins of about 2,800 kWh, with savings of about 1,600 kilogram CO₂ and 1200 Euro.

With this hitherto unique technical solution, Yaskawa has applied its experience as manufacturer of drive technology – after all, all servo drives and control packages are in-house products, and accordingly optimal tailored to industrial robots. MOTOMAN robots open up further efficiency potential due to their slim and compact design with low moving masses and fast application of brakes during movement intervals, in order to switch off the active position control when not in use.

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2025-02-17

Hall: 8 Booth: 8C11

SCHWEISSEN & SCHNEIDEN

NDT ITALIANA presents the new Liquid Penetrants for High Temperature, up to 200 °C on Hot Weldings!

Elite K71HT is the red penetrant; Elite RHT1 is the remover; Elite D200 is the white developer.

All these products are used together in liquid penetrant testing at high temperatures, up to 200 °C (400 °F).

▮ Save on cooling time of large masses: it is enough to decrease temperature down to 200 °C (or less) instead of 50 °C as required by the standards

▮ Save on necessary energy to bring the piece at the preheating temperature

▮ Low content of sulfur and halogens according to the standards

▮ In accordance to standards EN 571, EN ISO 3452-2, EN ISO 3452-5, ASTM E1417, AMS 2644, ASME Sez. V Art.6, RCC-M, REACH

NDT ITALIANA works with over 70 years of experience in the field of non-destructive testing.

The headquarters are in Italy near Milan on a large area devoted to production and goods stocking, to guarantee quick supply to customers.

Our Company is certified UNI EN ISO 9001 and approved NATO AQAP-120 and is equipped with internal chemical and electronic laboratories, technical service, specialised consulting at the service of our customers.

NDT Italiana manufactures: liquid penetrants, magnetic powders, ultrasonic couplants, UV lamps, manual and automatic testing systems, updating its range to the latest technologies, caring for product safety and environmental protection.

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2025-08-12

Hall: 2 Booth: 2E36

SCHWEISSEN & SCHNEIDEN

Laser welding helmet

Grand helmet for laser welding applications with a wavelength between 950 and up to 1100 nm. Laser optical filter EN207:2017: 950 - 1100 nm OD8+ shade 4, D LB7 + IR LB8 and ISO 16321-2: 2021. Mask EN207:2017: 900 - 1100 nm D LB5 + IR LB8 and ISO 16321-2: 2021 W4 1-M. Includes anti-heat protective shield.

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2025-07-14

Hall: 1 Booth: 1C28

SCHWEISSEN & SCHNEIDEN

Metalynx Ceramic Non-woven Cleaning and Stripping Products

Metalynx Ceramic strip discs clean up to 20% more material and are up to 20% faster than a leading competitive product, delivering superior cleaning power and extended product life for steel and stainless steel. The self-sharpening ceramic grains effortlessly clean welds and remove thick coatings and stubborn rust, maintaining a consistent cut rate for greater efficiency. The ultra-flexible non-woven nylon fiber and resin formula create a wider footprint and increases the contact area with the work surface, boosting productivity without compromising wheel life. This results in industry-leading material removal and cleaning power for maximum surface cleaning efficiency. These discs are ideal for weld cleaning, surface preparation and blending, as well as removing thick coatings and heavy rust.

In addition, Weiler Abrasive has upgraded its Metalynx SiC strip discs for improved performance and life. These silicon carbide discs clean up to 30% more material than the industry leader in this category, offering a fast-cleaning, long-life solution for steel and stainless steel. Silicon carbide grains provide a high initial cut and penetration, making them ideal for cleaning hard surfaces such as hard-grade steel, structural steel, hot-rolled steel and stainless steel. The ultra-flexible non-woven nylon fiber and resin formula creates a wider footprint and increases the contact area with the work surface, boosting productivity without compromising wheel life. The discs are low sparking, which is necessary for confined spaces and areas where hot work is not permitted. Metalynx SiC strip discs provide best-in-class material removal, ensuring a durable and long-lasting solution for user's surface cleaning needs. These discs are ideal for removing paint, rust, light mill scale and varnish as well as for weld cleaning.

The Metalynx Ceramic and Metalynx SiC strip discs use a contaminant-free formula that provides a worry-free solution for stainless steel.

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2025-04-15

Hall: 3 Booth: 3C16

SCHWEISSEN & SCHNEIDEN

Automated AI Programming of Welding Robots

ArcNC – The Leader in Automated Welding Robot Programming

ArcNC is the industry leader in automated programming for welding robots.

Our innovative solution enables fully collision-free robot programming in just minutes – including automatic part measurement without the need for additional sensors such as lasers or cameras.

Your Benefits at a Glance:

- Ready in Minutes: Fully collision-free programs in record time
- Automatic Part Measurement: No external measuring systems required
- Intuitive Operation: Only two hours of training needed
- Maximum Efficiency: Faster commissioning, reduced setup times, highest precision

Experience ArcNC Live!

Bring your own workpiece – our expert team will demonstrate how quickly and reliably ArcNC can program it in just a few minutes.

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2025-05-14

Hall: 3 Booth: 3A53

SCHWEISSEN & SCHNEIDEN

Aerservice equipment for welding fume extraction

Aerservice offers a wide range of solutions for welding fumes and dust extraction

2023-06-09

Hall: 4 Booth: 4F35

SCHWEISSEN & SCHNEIDEN

Traceless welding gun

Milco&Welform presents its traceless welding gun.

Traceless surface: A perfectly balanced traceless surface can be obtained on the static side.

Meltcore: Reliable core size.

High pressure: Output pressure up to 4KN.

Modular: Replaceable dual drive unit.

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2025-08-05

Hall: 3 Booth: 3B12

SCHWEISSEN & SCHNEIDEN

Visual Components OLP 5.0

Fastes and easiest robot programming. Even more automated.

Visual Components 5.0 brings robot offline programming (OLP) automation to its most advanced level yet, empowering manufacturers to fully leverage model-based engineering. With support for model-based definition (MBD) and product manufacturing information (PMI), it connects product design with manufacturing for seamless early-stage collaboration across industrial processes.

Automate with accuracy and consistency

Visual Components 5.0 extracts PMI from companion files or embedded metadata in supported CAD formats to automatically generate accurate robot toolpaths. This minimizes manual input and reduces interpretation errors—making the path from design to production faster and more reliable.

Flexible across brands and scalable for growth

Visual Components 5.0 enables easy programming across 22 robot brands with built-in post-processors. It automates robotic welding parameters application and robot path solving to avoid collisions. The new Fronius power source connector streamlines weld job management within the software.

Whether expanding automation or programming across brands and processes, you can reduce manual effort and boost production with model-based precision.

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2025-07-03

Hall: 5 Booth: 5C15

SCHWEISSEN & SCHNEIDEN

High-Performance Contact Tips Made From a New Material

Long-service life contact tips for arc welding: that is the product CEP Freiberg is renowned for. CEP's contact tips exhibit service lifetimes up to five times longer than such made of CuCr1Zr. They are manufactured from a double-walled composite tube, with a shell consisting of highly conductive pure copper and a core of copper-based high-temperature material. The latter is more resistant to the high-temperature wear that contact tips are exposed to.

CEP has now developed a new core material that is even more wear-resistant: in fact, it exhibits up to eight times higher wear resistance than CuCr1Zr. It's called Wolfram-DISCUP® ("Wolfram" means tungsten in German), and is particularly suitable for long welding operations where, for quality control reasons, any interruption due to the changing of contact tips is ruled out. Such operations include long seams on large installations. Continuous welding is also often required for vehicle bodies, ships' hulls, and aircraft fuselages – and especially where safety is a priority. In particular, however, weld cladding operations must not be interrupted, and this is exactly the context for which the new material and the high-performance contact tips were developed. These operations can take an extraordinarily long time: a specific case involved the production of turbine blades using WAAM, a wire-based additive manufacturing process. The new high-performance contact tips from CEP Freiberg reliably achieved the required service life of 82 hours.

Does this make CEP's original, long-service life contact tips obsolete? Not at all. It's simply a question of balancing costs and benefits. However, one feature of the new product range is that the new material cannot be processed into contact tips of every conceivable design and dimension. A visit to the trade fair stand will clarify what CEP can offer.

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2025-07-11

Hall: 7 Booth: 7E18

SCHWEISSEN & SCHNEIDEN

Iron-nickel alloy welding wire, nickel-based anti-corrosion alloy welding wire

ERNiCrMo-3?ERNiCrMo-4? ERNiCr-3, ERNi-1?ERNiFeCr-2?ERNiFeCr-1,
ERNiCr-4/45CT?NiFe55/60?Ni36?Ni36Nb? ERNiCrMo-13? ERNiCrMo-14? ERNiCrCoMo-1,
ERNiCrMo-10?ERNiCu-7 and so on

Contact:

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E-Mail: contact@rhexpo.cn

2025-06-24

Hall: 8 Booth: 8C21.D

SCHWEISSEN & SCHNEIDEN

Welding Goggle SE1132

Indirect ventilation, soft, flexible vinyl frame, lightweight, polycarbonate green lens shade No.5, fits over personal spectacles.

Used for gas welding, cutting and brazing operations.

Compliance: ANSI Z87.1 CE EN175

Come to try SE1132 at Ha11 8 8C21.D

Contact:

Pan Taiwan Enterprise Co., Ltd.

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2025-08-31

Hall: 7 Booth: 7E34

SCHWEISSEN & SCHNEIDEN

FerroTiC Titanium Carbide Alloy Powder for Super Wear Resist HS-LMD Laser Deposit Cladding Euro7 Brake Disc

AMTmetalTech is producing Top Quality World Low Price FerroTiC Titanium Carbide Alloy Powder for super Abrasion Resist HS-LMD High Speed Laser Deposit Cladding Euro7 Brake Disc or PTA Plasma Weld Overlay Mud Pump Liner, which powder Volume Price is 1/4 One Quarter of Tungsten Carbide.

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2025-07-24

Hall: 5 Booth: 5F33

SCHWEISSEN & SCHNEIDEN

Discover high-quality robotic welding solutions from Panasonic with MAG/MIG/TIG technology that optimize your production.

! **Live welding in action** - See high-quality MAG/MIG/TIG processes in real time.

! **Twin Harmonized Robot Welding** - Two welding robots work together in a synchronized and harmonized system to enable particularly efficient, precise, and fast welding processes.

! **Welding of challenging materials** - Discover our special welding processes for galvanized parts, steel, and aluminum.

! **Intelligent software integration** - Discover our advanced software for reliable automation, offline programming, and traceability of welding processes.

! **Plug&Play compact cell** - Equipped with a Panasonic welding robot and a tilt and turn positioner - compact, versatile, easy to program, and ideal for small to mid-sized production lots.

We look forward to welcoming you at our booth – just weld it!

2025-07-10

Hall: 5 Booth: 5C09

SCHWEISSEN & SCHNEIDEN

"Stronger. More precise. Thinking ahead: The new BA welding robots from Kawasaki"

With the BA013N and BA013L models, Kawasaki Robotics is presenting a consistent further development of the proven BA series for arc welding at the trade fair.

Thanks to improved stability and reduced vibrations, the robots deliver even better welding quality. In the payload, reach and movement speed categories, the models are among the most powerful in their class.

Another highlight: the optimised internal cable routing, which now offers significantly more space for the complete welding equipment - for even more efficient and low-maintenance applications.

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2025-08-04

Hall: 8 Booth: 8A22

SCHWEISSEN & SCHNEIDEN

Flux Cord Wire

High-Performance Flux Cored Wire for Demanding Welding Applications

D & H India offers a reliable range of Flux Cored Wire engineered to deliver deep penetration, superior strength, and excellent arc stability—even in tough welding conditions. Our wires are widely used across industries for structural fabrication, shipbuilding, heavy machinery, and maintenance welding. With high productivity and consistent performance, our Flux Cored Wire is the go-to solution for both semi-automatic and fully automatic welding operations.

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India

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2025-07-09

Hall: 6 Booth: 6H18

SCHWEISSEN & SCHNEIDEN

ER Ti-2 Grade 2, DIN 3.7035 Ti(99.6%) Titanium Welding Wire, Filler rod

Category: GMAW-GTAW Solid wires

AWS A5.16 Classification: ERTi-2

Applications: ER Ti-2 is developed for welding Titanium grade 1, 2, 3 and 4. This alloy finds his applications in chemical industry and offers excellent weldability.

Properties: The weld deposit is ductile and offers excellent corrosion resistance in oxidizing environments. The unique combination of mechanical strength and corrosion resistance makes the alloy a preferred choice in many applications to prevent or solve problems. The wire is cleaned in a very special way to obtain porosity free and a ductile weld deposit.

Weld metal analysis%:

C:

2025-08-18

Hall: 3 Booth: 3C37

SCHWEISSEN & SCHNEIDEN

PEMA Skyline | Flexible Manufacturing System

Unmanned, software-driven manufacturing is the game-changer in high-mix, low-volume production.

PEMA Skyline FMS connects world-leading PEMA robot cells, manual welding stations, and automated material handling into a synchronized production flow.

PEMA Skyline integrates optimized layout, trusted hardware, and smart software into one powerful solution.

Everything from one supplier – Pemamek.

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Pemamek Ltd.

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2025-06-17

Hall: 1 Booth: 1A11

SCHWEISSEN & SCHNEIDEN

IOXYGEN

IOXYGEN's products cover all categories of gas welding and cutting equipment. Our main products like outfits, cutting torches, welding torches, heating torches, regulators, tips and accessories are all made in Taiwan,

Our production processes are approved by ISO 9001 quality control system and our products are manufactured according to EN ISO standard.

2023-05-13

Hall: 2 Booth: 2A21

SCHWEISSEN & SCHNEIDEN

Gas cartridge edge welding torch set

The new PERKEO UPSIDE gas cartridge edge welding torch is the perfect little torch for special and short-term uses on the roof.

It is operated with the new UPSIDE special gas cartridges and burns for up to 45 minutes with a UPSIDE gas cartridge. The burner is immediately usable "overhead" and can be used in any position. The flame from the 25 millimetre high-performance burner head is extremely powerful and enables bitumen edges and corners to be welded on quickly. UPSIDE is the ideal little helper for all repair work on the roof.

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2025-08-08

Hall: 1 Booth: 1D39, Hall: 1 Booth: 1C30

SCHWEISSEN & SCHNEIDEN

New products from EWS

TIGZONE eVo-X Series

- | Modular design, unified spare parts system
- | Flexneck options for hard-to-reach areas
- | Ideal for maintenance, machinery & plant construction

MIGZONE AiR WeldGuard

- | Integrated fume extraction
- | For industrial MIG/MAG applications

CK Diamond Series™

- | TIG torch line for Europe (EDS9, 17, 18, 26, 230)
- | Robust build, ergonomic design
- | Versions: gas-/water-cooled, rigid/flexible

Rhino PPE products

- | Welding jackets & aprons made in Italy
- | Gloves with externally visible size marking (beneficial for dealers & users)

Contact:

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2025-05-09

Hall: 2 Booth: 2B25

SCHWEISSEN & SCHNEIDEN

i5s Smart Spot Schweiss-Cobot

The World's Premier handheld Spot Welder has been seamlessly integrated into a safe, easy-to-use COBOT Automated Welding Workcell.

Patented Next Generation Auto Welding Technology

Key Features:

The most advanced welding technology.

- | Auto Weld, sense material thickness, resistance to adjust the weld profile automatically.
- | Built in library for materials, weld caps, thickness stackups for Semi-Auto mode.
- | Intuitive Touch Screen interface, with on-board training and user manuals, both in Video and PDF form.
- | Repeatable, reliable welds, with complete data capture of welding and machine data.
- | Connected: WiFi enabled keeps weld control software up-to-date. Ability to export data logs to email via WiFi for the ultimate in traceability and process control.

Automation: Increase Repeatability, Safety, and Save Labor Time and Expense.

- | Easy to teach welding positions
- | Unlimited number of recipe/job creation. Create, Edit, Save, and Load welding jobs with repeatable, traceable positions. Does the job right every time.
- | Synchronized log of welding position with weld schedule and datalog.
- | Cobot safe to work around humans without costly and awkward machine guarding.

Benefits:

- | Keeps manufacturing process in Control: Reliable, Consistent and Traceable results
- | Increase in Production while saving labor and technician time
- | Future Proof investment with wireless factory updates
- | Improves worker safety and reduces liability risks.

<https://www.prospotautomation.com/>

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2025-07-28

Hall: 3 Booth: 3D68

SCHWEISSEN & SCHNEIDEN

The Future of Metal Processing: Welding and Cutting on a single platform

With XFLARE, XTRACTION introduces an innovative 2-in-1 solution that combines welding and cutting for the first time on a single system. This compact platform not only unites two key processes in metalworking but also transforms manual, experience-based workflows into structured, digitally supported operations.

The system addresses the pressing challenges of the industry: increasing quality demands, limited personnel, time resources, and growing pressure to make processes more efficient and sustainable.

XFLARE automates, simplifies, and accelerates metal processing – at the highest technical level. A full-featured welding robot meets a high-precision CNC cutting system, delivering flawless seams and precise cuts for every workpiece. Thanks to automatic process detection and intelligent sensors, the system adapts flexibly to changing parts and production environments, ensuring reproducible results with maximum process reliability.

All process-relevant data is captured in real time to support automated quality assurance and process optimization. This brings tangible benefits in day-to-day production: shorter welding times, less rework, and consistently high quality. Intelligent assistance functions and automatic parameter adjustment during process changes also significantly reduce the workload for skilled personnel.

The 2-in-1 combination of welding and cutting opens up new production possibilities, especially for small and medium-sized companies. Complex parts and cuts can be produced in-house at low cost – enabling businesses to take on additional orders, enter new market segments, and expand their capabilities with greater independence.

With XFLARE, companies gain more flexibility, less dependency – and measurable advantages in quality, efficiency, and cost control.

Further information: xtraction-xflare.de

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2025-08-28

Hall: 8 Booth: 8B17

SCHWEISSEN & SCHNEIDEN

New drilling unit and GRIFLAM Heating Technology

Precision and efficiency down to the last detail

Another milestone is the newly developed drilling system for the ELEMENT series. This expansion allows drilling and threading directly on the machine in a seamless process – without any reclamping or manual rework. Thanks to an intelligent control concept, precise holes are drilled in diameter and depth – perfectly suited for downstream production steps. The low-vibration design protects sensitive machine components and noticeably extends their service life. The automated tool changer ensures easy operation and significantly reduces setup times. At the same time, work safety is increased because manual intervention is minimized.

Automated, Precise, and Process-Reliable

When it comes to reproducible thermal applications with the highest quality requirements, GRIFLAM heating technology from Messer Cutting Systems sets new standards. As a modular system for automated heating processes, GRIFLAM can be precisely tailored to customer-specific requirements and integrated into existing production lines – whether for flame straightening, automated flame hardening, or controlled preheating before welding. Through the use of energy-efficient burner technology, digital control solutions, and a process-optimized gas supply, users benefit from high reproducibility, process reliability, and measurable efficiency increases. The systems are compatible with robot arms, CNC systems, or customized support systems and can be flexibly configured – from stand-alone workstations to networked series production.

At the trade fair, Messer Cutting Systems will demonstrate how fully automatic flame adjustment can be implemented directly in the application. Visitors will experience first-hand how precise temperature control and digital networking work together to minimize setup times, standardize results, and reduce energy consumption at the same time.

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2025-06-26

Hall: 3 Booth: 3B63.1

SCHWEISSEN & SCHNEIDEN

Use cases: Casting and Welding

1. Casting & Cast Parts - (HPDC):• Decision support for improving process settings in cast part manufacturing. Estimate/correct the process settings that yield the best product quality (e.g., defect reduction).

• High Pressure Die Casting Plant DAK1100-112 is a fully automated, industrial-scale facility for advancing die casting processes and materials. Our services include custom alloy modification, flame-resistant magnesium alloy development, testing for microstructure and material characterization, component design focusing on mechanical properties and weight, temperature control concept development, energy management, Novaflow & Solid filling simulation, FEM component simulation, prototypes/small series production, and comprehensive die casting training. The facility serves as a versatile hub for die casting innovation and practical solutions.

2. Structural Welding - (WELDING LAB):• Data Fusion along the whole production – pre-weld, weld and post-weld; on- and offline analytics of the generated, combined data; control structures that improve the overall plant performance – via humans or directly through reconfiguring the sensors and actuators.

• The laboratory offers a range of possibilities. Besides welding of different materials, the laboratory offers the manufacturing of WAM prototypes and demonstrator parts. The Smart wire production route allows for the development of wires tailored to the needs of our customers. Other services provided by the laboratory include process and material characterization, optimization of existing welding or WAM processes, consulting, concept development, and feasibility studies. Additionally, the laboratory conducts analyses of WAM processes using numerical methods and implements online process monitoring. Calorimeters and efficiency measurements, environmental analyses (Life Cycle Assessment - LCA), dust measurements, and welding camera & process sensor technology are part of the comprehensive set.

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2025-06-24

Hall: 4 Booth: 4B29

SCHWEISSEN & SCHNEIDEN

Drilling Machine for Pipe-WS-3500CH

DRILLING MACHINE FOR PIPE

Made for round pipes or irregular objects use, drilling holes in various types of pipes quickly.

Suitable for diameter 2" to 8" pipes and less than 100 mm diameter holes.

Pipe clamps and chain clamps are built in the machine, which can adjust and fix round pipes for different sizes.

The spirit level design can align multiple holes and fix the machine accurately to avoid offset.

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2025-05-13

Hall: 1 Booth: 1D38C

SCHWEISSEN & SCHNEIDEN

KHDT-C540-3

Heavy Duty Torch Kit (Victor Journeyman Style) with CGA 300

Contact:

Goss Inc.

Justin Taylor

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15116 Glenshaw

USA

Fon: +1(626) 688-4207

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2025-07-17

Hall: 5 Booth: 5H17

SCHWEISSEN & SCHNEIDEN

Scansonic at Schweißen & Schneiden 2025: Solutions for Complex Joining Tasks

At the Essen trade show, Scansonic will showcase its latest innovations in laser welding, brazing, and cutting. The focus lies on processing optics and sensor systems for demanding joining tasks, particularly involving complex geometries.

A highlight is the enhanced ALO4 optics family, designed for laser brazing and welding with filler wire and tactile seam tracking. Several variants have been developed for different types of joints, such as those in battery case production. These enable wider connection cross-sections for improved seam strength, access to deep seam areas, and – newly added – vertical welding of corner joints. This optics range covers all typical joining tasks in battery box assembly.

Also on display is Scansonic's latest innovation: the SCW (Safe Component Welding) optics, compliant with Laser Class 1. It enables laser welding without a protective cell, reducing investment costs and increasing flexibility in production environments.

The SCW is based on Scansonic's advanced FCW (Fast Component Welding) technology, originally developed for electromobility. Multiple compact scanner units are mounted on a process-specific carrier plate, allowing large components to be processed in one pass or several smaller parts simultaneously – ideal for high-throughput operations and long seams.

Together with development partner Metrolux, Scansonic will also present new sensor technologies for seam tracking in automated welding, brazing, and adhesive applications – for both arc and laser processes. Making its debut is the FH6D-Advanced sensor series for seam finding. These sensors accurately detect seam start and end points, ensuring precise robot positioning even with component tolerances. This makes them ideal for entry-level automation. The system will be demonstrated live on a robot at the booth.

The new series complements Scansonic's existing portfolio of optical seam tracking sensors, which guide robots precisely along the edge of the component during processing.

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2025-05-14

Hall: 5 Booth: 5E29

SCHWEISSEN & SCHNEIDEN

New control from EWM for MIG/MAG XQ welding machines - Precise, user-friendly and reliable: the new Expert 3.0

Quality paired with efficiency and flexibility – the Expert 3.0 control from EWM impresses with numerous advantages. It allows for precise settings and optimum adaptation to specific welding tasks. The control is characterised above all by a high level of user convenience. For instance, the high-resolution 7-inch graphic display ensures perfect visualisation, and the intuitive menu navigation makes for easy operation – even for demanding tasks.

Direct access to important functions and an overview of all parameters – the new Expert 3.0 control offers optimum support for numerous welding tasks. It is compatible with all XQ power sources in the flexFit housing (Titan XQ, Phoenix XQ and Taurus XQ) and the modular, decompact Phoenix XQ and Taurus XQ power sources. The control stands out because of its user friendliness. This includes the large display with colour image and graphic support for displaying important parameters and welding processes. The parameters are infinitely adjustable via a click wheel, so welders can operate the control even while wearing welder's gloves. The five favourites buttons make it easy to save recurring application combinations. The colour coding indicates the current status.

Lots of functions for perfect welding results

Precise setting and customisation options for specific welding tasks lead to perfect welding results. The JOB finder helps with the correct selection of the welding JOB and allows the user to set the parameters quickly via a defined selection list. Operation can be customised using the hotkey function. The double assignment of the quick selection buttons allows individual functions to be stored. The control is operated with push-buttons. The integrated Xbutton secures usage via assigned access rights and thus increases safety in the process.

As a result, the Expert 3.0 ensures a consistent and high-quality welding process with precise control of the welding parameters. The control is robust and stands up to demanding conditions.

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2025-05-28

Hall: 2 Booth: 2E16

SCHWEISSEN & SCHNEIDEN

The Experts for Soldering and Welding Technology

Since the founding of the company in 1919, in Baden-Württemberg (Germany) we have been manufacturing gas soldering equipment, welding torches, oxy-gas welding equipment, cutting torches, pressure reducers, valves and accessories for all known gas types and gas mixtures:

- | Propane
- | Propane - compressed air
- | Propane - oxygen
- | Acetylene - oxygen
- | Natural gas - oxygen
- | Hydrogen - oxygen
- | Acetylene
- | Natural gas
- | Natural gas - compressed air
- | Hydrogen

Quality tools for the craft trade and industry

The comprehensive range of PERKEO products leaves almost nothing to be desired in the field of oxy-gas soldering and welding technology. We are your experts for devices, outfits and equipment for:

• Welding • cutting • heating • melting • annealing • soft soldering • lead soldering • brazing • roofing • burning off • shrinking • thawing • cooking • tinning, etc.

Professional and reliable tools for demanding craftsmen

Product overview propane equipment:

- | Soft soldering equipment
- | Brazing equipment
- | Roofing torches

| Regulators, pressure reducers, flashback arrestors

| Hoses and accessories

| Bunsen burners and special burners

Product overview oxy-gas equipment:

| Propane-oxygen and acetylene-oxygen on-site equipment

| Outfits for welding, cutting and brazing

| Pressure reducers, flashback arrestors

| Cylinder frames, accessories, solders ...

| Torch cutting equipment

PERKEO soldering and welding equipment is used in many different areas of application. In the industrial sector the bandwidth extends from the smallest of machine-type torches for series production up to large hand-held fusion torches for heating heavy metal parts.

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2025-07-17

Hall: 3 Booth: 3A39

SCHWEISSEN & SCHNEIDEN

Nederman to Showcase Clean Air Optimised & Digital Innovation at SCHWEISSEN & SCHNEIDEN 2025

Nederman to Showcase Clean Air Optimised & Digital Innovation at SCHWEISSEN & SCHNEIDEN 2025

[SCHWEISSEN & SCHNEIDEN 2025 Press release Nederman](#)

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2025-07-17

Hall: 5 Booth: 5E23

SCHWEISSEN & SCHNEIDEN

Welding machines range-NOVI Silicon Carbide Series

Machines benefits:

Based on the latest third-generation power semiconductor devices "silicon carbide" design, the inverter frequency has been significantly increased. With high efficiency, the dynamic response speed has also been noticeably improved, thereby enabling the entire machine to achieve better welding performance.

┆ Thanks to the increase in inverter frequency, the size of the inverter core has significantly decreased, and the weight has also been significantly reduced.

┆ Utilizing a high-performance 32-bit ARM microprocessor, the industry's first Cortex M4 fully digital control technology platform is adopted to achieve intelligent management and precise control of welding data. Through real-time processing of multiple dimensions of parameters during the welding process and combined with an optimized expert database system, the welding process is ensured to be stable and controllable, ultimately achieving consistent and reliable high-quality welding results.

┆ Using a 4.3-inch high-definition resistive touch display screen, even with gloves on, the panel functions can still be accurately operated.

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2022-11-14

Hall: 2 Booth: 2C38

SCHWEISSEN & SCHNEIDEN

HFT-2000 SS Collaring Unit

Pipe branching by the T-DRILL method is also called collaring, mechanical tee forming, or simply T-DRILL tees. The T-DRILL method of pipe branching is an ideal solution for making tee joints in main run tubes in just a couple of minutes. HFT-2000 SS is used in conjunction with the T-DRILL T-65 SS collaring machine. The Hand Feed Table (HFT) is capable of producing collars O.D. 17 to 54 millimetre ($\frac{3}{4}$ " – 2") in run tubes O.D. 32 to 114 millimetre ($1\frac{1}{4}$ " – 4").

- | No T-fittings
- | No costly inventories
- | No tube cutting
- | Only one welded joint
- | Minimized inspection cost
- | Tee ratio variation flexibility
- | Smaller risk of leakage or call-backs
- | Optimized flow-characteristics
- | Hygienic, clean weld points

[T-DRILL HFT-2000 SS Product page](#)

[T-DRILL technologies](#)

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2025-08-22

Hall: 2 Booth: 2E35

SCHWEISSEN & SCHNEIDEN

Product Range

Welding electrodes, stainless steel welding wire, copper coated welding wire, flux cored arc welding wire, welding flux, submerged arc welding wire

Contact:

Royal Welding Wires Private Limited

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2025-01-30

Hall: Galeria Booth: GA62

SCHWEISSEN & SCHNEIDEN

Electric Shortwave Infrared Heaters of the Tansun Apollo series // TEL GmbH

With a heating output of 2 to 18 kW, depending on the model, the electric Apollo hall heater offers an efficient and maintenance-free heat source. It is possible to heat individual workstations or entire halls. Thanks to the long-lasting infrared tubes, regular maintenance is no longer necessary, which makes operation not only easier but also cheaper.

Short-wave infrared heaters offer the benefit of directly heating the surfaces and individuals in the radiation range rather than heating the surrounding air. This occurs similarly to sunlight, which can create a comforting warmth even on chilly days. The most important benefits of this technology are:

Instant heat: No lead time is required.

▫ **Efficiency:** Since the surfaces and not the air are primarily heated, less energy is wasted. This is especially beneficial in spaces where doors are frequently opened, such as warehouses and production facilities.

▫ **Environmental friendliness:** In combination with a climate-neutral power supply, CO₂-neutral operation is possible. Electric infrared heaters provide a more environmentally friendly alternative to gas-powered systems, which rely on hydrogen and experience energy losses during production.

Apollo infrared heaters are available with heating tubes arranged side by side or stacked and are particularly suitable for use in large halls, storage rooms and production areas. A practical example illustrates the efficiency: In order to heat an effective working area of less than 100 m² for 8 hours a day in a hall of 2500 m³ of air, conventional heating systems would be inefficient, especially with regularly opened doors.

Electrically operated short-wave infrared heaters offer a superior solution. The immediate supply of heat without preheating and the possibility of climate-neutral operation make them the ideal choice for modern, environmentally conscious companies.

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TEL GmbH | Infrarot Heiztechnik

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E-Mail: info@tel-gmbh.com

2025-08-29

Hall: 2 Booth: 2C21

SCHWEISSEN & SCHNEIDEN

TS Universal Bolts & Stops

- | Use as a clamping bolt and stop on standar or DIY holed tables for welding.
- | Locking system along the whole bar for any thickness of table and accessory.
- | Expansion rings and treated steel conical washers.
- | Ergonomic folding and replaceable handle.
- | Carbon steel body, spindle and nut.

Contact:

Piher-Industrias Piqueras, S.A.

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Fax: 0034941256156

E-Mail: export@piher.com

2025-05-12

Hall: 2 Booth: 2D12

SCHWEISSEN & SCHNEIDEN

Special machines

Birel Special machines offer quality and economical solutions according to customer needs and production requirements in many different areas.

Birel can meet all industry requirements with the revision of standard machines and accreditation according to customer needs or with the mechanical engineering service according to customer demand from scratch. All Birel Special machines, provided machine solution, increase efficiency, save time, have an important place in the production of customers in cost benefit balance.

Contact:

Birel Mühendislik Makine San. Tic. A.S.

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2025-07-09

Hall: 4 Booth: 4G24

SCHWEISSEN & SCHNEIDEN

Ambica Steels Showcases Premium Stainless Steel Welding Wires at SCHWEISSEN & SCHNEIDEN 2025

Ambica Steels Limited, a leading integrated manufacturer of stainless steel solutions, is proud to present its advanced range of Stainless Steel Welding Wires at this year's SCHWEISSEN & SCHNEIDEN Expo. Engineered for precision and performance, our welding wires are trusted by industries worldwide for their consistent quality, reliability, and adaptability across critical applications.

Product Spotlight: Stainless Steel Welding Wires

Ambica's welding wire portfolio includes:

- | TIG Wires
- | MIG Wires
- | Core Wires

Manufactured using premium raw materials and advanced drawing technology, these wires offer superior weldability, arc stability, and corrosion resistance, making them ideal for applications in automotive, fabrication, construction, shipbuilding, and process industries.

Key Features:

- | Available Grades: 202, 304, 316, 316L, ER307Si, ER308L, ER308Lsi, ER309L, ER309Lsi, ER310, ER316, ER316L, 430L, and more
- | Surface Finish Options: Bright, matt, and custom coatings
- | Mechanical Conditions: Soft to full hard, tailored to client specifications
- | Packaging: Spools, coils, and plastic or fibre tubes – optimized for ease of use and transport
- | Certifications: Compliant with global standards (ISO, CPR 305, VD TUV 1153, and more)

Why It Matters:

Ambica Steels' welding wires are not just products – they're a commitment to quality, safety, and innovation. Each batch undergoes rigorous quality testing to ensure the highest levels of performance in demanding environments.

As industries move toward more sustainable and efficient manufacturing, Ambica's stainless steel welding wires provide the strength, flexibility, and precision required to build the future.

Contact:

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2025-07-09

Hall: 3 Booth: 3D32

SCHWEISSEN & SCHNEIDEN

Seamless Flux Cored Wires

We started the production of Laser Welded Seamless Flux Cored Wires

Gedik Kaynak, which started the production of Laser Welded Seamless Flux Cored Wires , is experiencing the justified pride of being the only leading and pioneering company in this field in Türkiye, while also taking its prestigious position in global competition to a higher level.

While the number of companies in the world that can offer products of the expected quality in Seamless Flux Cored Wires, which require production processes, special technology, know-how and experience, is still limited to the fingers of one hand, as Gedik Kaynak, we are excited and happy to add our 100% domestic production Seamless Flux Cored Wires to our expanded product range.

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2023-02-20

Hall: 2 Booth: 2A26

SCHWEISSEN & SCHNEIDEN

WAAM Technology

GED?K Welding together with Istanbul GED?K University conducts R&D works in the field of Metal Additive Manufacturing, particularly in the field of Robotic Wire Arc Additive Manufacturing (WAAM).

GED?K Welding develops and produces new generation of solid and metal cored wires for innovative and challenging 3D WAAM applications, where low and high strength design requirements both may exist. Non-ferrous welding wires such as stainless steel, aluminium and bronze alloys can also be provided together with respective process and material data sheets that designers and customers can readily use for their WAAM applications.

GED?K Welding can provide “ GeKa WAAM Cell” including welding robot, power source, positioner together with respective software and special wires including GeKa WAAM Data Sheets.

Ask us about the manufacturing system for your Metal 3D part using Robotic WAAM Technology

Ask us about obtaining the best WAAM welding wires for your Metal 3D Part

Ask us about education – training – certification of your WAAM (DED-Arc) Engineers and Operators

At the booth you will learn more about the exceptional value of WAAM technology.

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E-Mail: ogursoy@gedik.com.tr

2025-07-15

Hall: 4 Booth: 4D11

SCHWEISSEN & SCHNEIDEN

Fine Submerged Arc Welding Power CC CV 1000 / 1250

Precisionly control the energy input, our fine submerged Arc Welding machine can weld wire from 1.2-6.0mm.

Contact:

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Fax: 861060716642

E-Mail: weiyx@cmes.org

2025-04-16

Hall: 2 Booth: 2D36

SCHWEISSEN & SCHNEIDEN

INTEGRATED ECONOMIZER REGULATOR RANGE - DEI

Regulators with an economizer device allowing for better weld starts and improved gas consumption management.

- | Prevents damage to the solenoid valves of your welding machine.
- | Prevents "water hammer" effects.
- | The amount of gas trapped in the pipes is divided by 4.
- | Optimal gas savings for spot welding.
- | Ideal for working with suction torches.

Contact:

Hampiaux SAS - Le Lorrain

Herr Victor DA SILVA

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2025-07-14

Hall: Galeria Booth: GA33

SCHWEISSEN & SCHNEIDEN

WVS-34

The welding camera WVS-34 is our latest development.

A wide variety of working distances are possible thanks to the C-mount lenses that can be used in different ways. The camera delivers a sharp color image and thus enables optimal viewing of the welding head, wire feed and workpiece as well as the arc, material melting, etc. Using optional LED lighting, it can also be set up in poor lighting conditions.

The camera is housed in a protective housing (D48x105mm) with integrated water cooling and can therefore also be installed in cramped systems with heat and dust. A protective glass on the front protects the camera's optics and can be easily changed if it gets dirty.

The camera control cable can be up to 50m long. This means, for example, that the camera can be controlled from a remote control center.

The camera has automatic brightness control and an automatic trigger function through the welding process.

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2025-08-21

Hall: 1 Booth: 1D18

SCHWEISSEN & SCHNEIDEN

Welding Table 28 mm

All KaiserWeld welding tables are equipped with a high-quality, plasma-nitrided surface. The 0.2 mm thick nitriding layer ensures significantly increased surface hardness, is corrosion-resistant, impact-resistant and also has excellent non-stick properties – ideal for demanding welding work.

A precise 50 mm/100 mm grid in the X and Y directions allows maximum flexibility when positioning workpieces. Rounded corners further enhance safety in the workplace and minimise the risk of injury.

Contact:

KaiserWeld - eine Marke der NIPA LUXEMBOURG SARL

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2025-09-09

Hall: 3 Booth: 3B63.1

SCHWEISSEN & SCHNEIDEN

Use cases: Casting and Welding

Structural Welding - (WELDING LAB):

▮ Data Fusion along the whole production – pre-weld, weld and post-weld; on- and offline analytics of the generated, combined data; control structures that improve the overall plant performance – via humans or directly through reconfiguring the sensors and actuators.

▮ The laboratory offers a range of possibilities. Besides welding of different materials, the laboratory offers the manufacturing of WAM prototypes and demonstrator parts. The Smart wire production route allows for the development of wires tailored to the needs of our customers. Other services provided by the laboratory include process and material characterization, optimization of existing welding or WAM processes, consulting, concept development, and feasibility studies. Additionally, the laboratory conducts analyses of WAM processes using numerical methods and implements online process monitoring. Calorimeters and efficiency measurements, environmental analyses (Life Cycle Assessment - LCA), dust measurements, and welding camera & process sensor technology are part of the comprehensive set.

Contact:

metaFacturing - EWF, Benteler, Vitronic, Fill, LKR, AIT

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2025-06-05

Hall: 3 Booth: 3A46

SCHWEISSEN & SCHNEIDEN

Robot Cell for the Weld Dressing and Satin Finishing of Diverse Stainless-Steel Parts

MAIN FEATURES

- | For weld dressing, radius + satin finishing stainless steel parts.
- | Garage with double position for simultaneous processing and loading/unloading.
- | 2 units for abrasive belts + 1 double polishing unit + 1 large satin finishing unit.
- | Measuring device for dimensional deviation.

<https://youtu.be/Yb08ZEMbiYA>

Contact:

AUTOPULIT - Maquinaria para el pulido automático S.A.

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2025-07-10

Hall: 2 Booth: 2D40

SCHWEISSEN & SCHNEIDEN

ARGWELD® purge systems and purge monitors

Huntingdon Fusion Techniques (UK) was founded in 1975. It was here that the world's first residual oxygen measuring device was developed specifically for welding applications. In Essen they present the new PurgEye® 100 purge monitor and new high tech materials for inflatable purge systems

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Pipeq Pipework Equipment BV

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E-Mail: support@huntingdonfusion.com

2025-08-12

Hall: 7 Booth: 7C19

SCHWEISSEN & SCHNEIDEN

Telescopic Electro Permanent Magnetic Beam

HM2 telescopic electro-permanent magnetic beam lifts steel plates from 5 mm thick safely and energy-efficiently, directly from the stack. Its telescopic design allows effortless handling of various lengths. Fast operation and a short payback time.

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2023-04-18

Hall: 3 Booth: 3B17

SCHWEISSEN & SCHNEIDEN

GTAW 200P PFC

GTAW 200P PFC with power factor more than 0.99 has multiple advantages such as energy saving and wider input voltage. It works with 110V and 220V.

You can select unique spot time/pulse time function and pre/post flow time freely. GTAW 200P PFC with pulse has perfect performance on ultra thin surfaces with no deformation. It is equipped with temperature, voltage and current sensors for high protection.

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2025-07-10

Hall: 7 Booth: 7E27

SCHWEISSEN & SCHNEIDEN

AUTO-DARKENING WELDING HELMET

- | 180° Panoramic view with main screen+ side window, maximizing what you can see
- | Available for multi-scenario welding
- | Auto control on sensitivity, delay and shade
- | Highest optical class V1(1/1/1/1) and perfect optical clarity with light state 3
- | Excellent performance for multi-scenario welding
- | Auto-darkening side window can be on/off shade 3/10
- | Two-ways adjustable professional headgear maximum comfort
- | True View+ Technology
- | Dark lock Function, one of the 4 scenario modes
- | Tack Function
- | Gradient Function
- | Memory Function
- | Self-check
- | Low-power consumption
- | Shade Fine-tuning adjustment for precise protection with accuracy at 0.1 INC

Contact:

WENZHOU XIDIN ELECTRONICS TECHNOLOGY CO., LTD.

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2025-08-15

Hall: 2 Booth: 2A39

SCHWEISSEN & SCHNEIDEN

3D printing in a higher dimension

SKM DCAM: 3D printing in a higher dimension!

CAM software for complex path planning with sophisticated kinematic systems in additive and hybrid processes - with metals, plastics, ceramics or multi-material.

Simplify and accelerate your manufacturing processes for components with complex geometries!

What else defines SKM DCAM:

- ▮ **Maximum flexibility through a module-based system for various processes such as LMD, WAAM, surface treatments, 3D printing processes or scan integration**
- ▮ **Optimized results through pre- and post-processing**
- ▮ **Custom made solutions and individual services**
- ▮ **Experienced and well connected in industry and research**

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2023-07-06

Hall: 4 Booth: 4F38

SCHWEISSEN & SCHNEIDEN

MetalXL

MetalXL is built by MX3D to enable 3D metal printing of large metal parts in-house, using robotic WAAM technology (Wire Arc Additive Manufacturing).

MetalXL is integrated to an off-the-shelf industrial robot and power source and transforms it into an industrial grade 3D metal printer.

Its streamlined end-to-end workflow allows users to easily manage the whole printing process from design to print, including data monitoring, logging and analytics.

MetalXL is independent of hardware configuration and easy to use. It offers diverse features to both print with preset metal alloys and process parameters, or customize the entire process to your own needs.

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2023-06-06

Hall: 5 Booth: 5C10

SCHWEISSEN & SCHNEIDEN

AL3D Metal - 3D metal printer

The AL3D-METAL makes it possible to produce complex objects from metal quickly and precisely.

By means of 3D metal printing, you produce components for high quality requirements, which are manufactured very precisely and grant an enormous freedom of design and geometry. The closed powder circuit of this metal printer increases work safety, because the operator does not come into contact with the powder during the entire printing process.

The small build platform size of the AL-3D enables powder-saving printing of precious metals such as Gold, Platinum and Silver. This makes the AL3D-METAL ideal for jewellery manufacturing companies. A large database of verified parameters for stainless steels, cobalt chrome, reactive materials such as Titanium, as well as for various precious metals is available to ALPHA LASER customers.

A big advantage is the fast powder change with short cleaning of the system. With its small footprint of 600 * 617 millimetre, the 3D metal printer is also suitable for companies with limited space.

AL3D is well known for:

- | Innovative cartridge system for safer powder handling allowing it to have a downtime of only 15 minutes
- | In-House software development
- | Intuitive user interface
- | Modular filter system
- | Provides print reports

Printing speed, precision, and safety characterize the AL3D METAL printer.

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2025-04-02

Hall: 7 Booth: 7C13

SCHWEISSEN & SCHNEIDEN

UZ 47 SkillMaster

Unique multi-purpose bevelling machine with automatic feed for applications such as V-bevel, J-bevel, Cladding Removal, Facing and +70° chamfers.

Suitable for machining structural steels including higher strength steels, stainless steels and other harder to machine materials such as Hardox or Domex.

- | Automatic workpiece clamping system.
- | Infinitely adjustable tool speed.
- | Infinitely variable machine feed speed.
- | 2 built-in displays showing cutting conditions.
- | Possibility of adjusting the height of the machining unit according to the position of the workpiece.

Contact:

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2025-08-06

Hall: 6 Booth: 6D29

SCHWEISSEN & SCHNEIDEN

Downdraft benches with cartridges BC

BC are the series of downdraft benches with cartridges, complete with metal mesh pre-filtration.

Automatic reverse jet cleaning with compressed air ensure a good lifetime of filtering media.

BC tables are complete with multifunction display with switch, pressure gauge and counter hour, to know exactly at any time when maintenance is necessary or change filters.

Contact:

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2025-07-07

Hall: 5 Booth: 5A12

SCHWEISSEN & SCHNEIDEN

COVERLIGHT - The perfect choice for laser safety goggles

The [COVERLIGHT](#) is a modern laser safety spectacle frame with a frame made from a lightweight aluminum alloy with a coating.

Thanks to the all-round soft, flexible, rubberized frame made of a special rubber, these goggles are completely sealed and offer maximum protection.

The rubberized frame is easy to wipe clean, can be replaced if necessary and ensures optimum ventilation, which prevents the goggles from fogging up.

The laser safety goggles can be worn over prescription glasses and the adjustable, elastic headband offers perfect wearing comfort even during long working hours.

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2025-05-07

Hall: 1 Booth: 1D13

SCHWEISSEN & SCHNEIDEN

New WELDING TABLE XLNC by SCHWEISSTISCH24

Plasma Nitrided Welding Table XLNC15 and XLNC25 – Precision and Durability for Professional Applications

A plasma-nitrided welding table such as the XLNC from Schweißstisch24 is the perfect choice for demanding welding and assembly work. Thanks to its robust construction, precise manufacturing and versatile functions, this table offers the ideal working basis for professionals in workshops and metalworking.

Key Features of a Plasma Nitrided Welding Table

- | **Robust construction:** With a top thickness of 15 mm and 25 mm made of high-quality S355 J2+N steel, the table offers stability for even the most demanding jobs.
- | **Precise production:** The CNC-milled surface enables precise work, which is particularly advantageous for complex welding projects.
- | **Durable surface:** The plasma-nitrided coating increases the hardness and wear resistance of the work surface, making the welding table extra durable and able to withstand even intensive use.
- | **Flexible hole grid:** A precise hole grid with 100 x 100 mm and 16 mm or 28 mm diameter offers maximum flexibility when fixing workpieces. The chamfered and milled hole openings provide additional ease of use.
- | **Advanced functionality:** An engraved scale and line grid directly on the work surface facilitate precise positioning and measurements.

Versatile dimensions

Available in the size:

- | 2000 x 1000 mm
- | 2400 x 1200 mm
- | 3000 x 1500 mm

Equipped with table legs and adjustable feet, the table allows individual height adjustment and a secure stand.

All versions and further information can be found under www.schweisstisch24.com

Contact:

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E-Mail: info@schweisstisch24.com

2025-09-01

Hall: 7 Booth: 7D13

SCHWEISSEN & SCHNEIDEN

Universal horizontal bending machines

Suitable bending solutions for metal construction, steel construction, CNC sheet metal workers, vehicle construction, steel and rail works, and mechanical engineering.

We bend a wide variety of cross-sections, metals, geometries, and shapes.

From manual universal bending machines to CNC-controlled press brakes, we cover a wide range of manufacturing technology in the field of bending technology. Expand your manufacturing capabilities with exciting bending solutions!

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E-Mail: marketing@stierli-bieger.com

2025-07-18

Hall: 6 Booth: 6A26

SCHWEISSEN & SCHNEIDEN

Extremely Dynamic Cutting System for Complex Contours (EDcut)

Customized Solution Adapted to Cutting Task Requirements

In the contour cutting of thin sheets (up to ? 1.5 mm material thickness), the dynamics of movement limit the increase in process speed. With the development of the EDcut, a development platform is now available to overcome these limits. In addition to the further development of the system technology, the optimization of the cutting technology is being driven forward. The holistic consideration of motion dynamics and the laser cutting process are the focus here. The extremely dynamic EDcut cutting system coupled with fiber-guided solid-state lasers is available for feasibility studies, technology and system engineering developments.

Contact:

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2025-07-07

Hall: 1 Booth: 1C34

SCHWEISSEN & SCHNEIDEN

Welding simulator eARC

Electric arc welding simulator is developed on modern inverter technology. eARC welding simulator is extremely efficient for training and improvement of welders skills in welding methods:

┆ MMA (Manual Metal Arc)

┆ MIG/MAG (Metal Inert Gas/Metal Active Gas)

┆ TIG (Tungsten Inert Gas)

The welding simulator is intended to acquire psychomotor skills in performing the welding process, arc ignition and maintaining of the stable arc, maintaining tool inclination angles and welding speed etc.

eARC welding simulator includes:

┆ Interface unit

┆ Manipulator

┆ Welding tools

┆ Special software

Contact:

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2025-07-14

Hall: 7 Booth: 7B29

SCHWEISSEN & SCHNEIDEN

Silicon bronze welding wire AWS A5.7 ERCuSi-A

Standardization: Numerical Symbol:

GB/T9460-2008 SCu6560

AWS A5.7:2007 ERCuSi-A

BS EN ISO24373:2009 CuSi3Mn1

DIN 1733 SG-CuSi3

AWS Chemical Composition: %

Cu incl.ag bal.

Zn 1.00

Sn 1.00

Mn 1.50

Fe 0.50

Si 2.80-4.00

Al 0.01

Pb 0.02

Total others 0.50

Physical properties of materials:

Density

Kg/m³

3.5

Melting range

?

965-1030

Thermal conductivity

W/m.K

35

Electrical conductivity

S.m/mm²

3.5-4.0

Coefficient of thermal expansion

10⁻⁶/K(20-300?) 18.1

Standard values of the weld metal:

Elongation

% 40

Tensile strength

N/mm²

345

Notched bar impact work

J

55

Brinell hardness

HB 2.5/62.5

80

Applications:

Joining and overlay welding of copper zinc alloys, low copper materials, also for an excellent wear resisting overlay welding on low and unalloyed steel as well as cast iron. For MIG overlay welding of large work pieces preheating is recommended. For multilayer welding on steels, pulsed arc welding is recommended. Appropriate for MIG brazing of zinc coated sheets.

Make up:

Diameter: 0.64 - 0.80 - 1.00 - 1.20 - 1.60 - 2.40

Spools: D100, D200, D300, D760, K300, KS300

Rods: 1.60 - 9.6 mm x 914/1000 mm

Electrodes available.

Further make ups on request.

Contact:

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E-Mail: amberzhu@tlhywelding.com

2025-05-14

Hall: 5 Booth: 5C26

SCHWEISSEN & SCHNEIDEN

MOTOMAN robot and turnkey welding systems

Yaskawa has been supplying robotic-based turnkey welding systems from its own European system construction for over 40 years.

In the demo welding cell no less than four robots of the MOTOMAN AR series will be operating on a battery carrier. Equipped with the arc welding sources of various manufacturers, they will be actively dancing, demonstrating the "multi-robot-synchro" function that ensures exact synchronization of the robots and positioner. The robots can be controlled either in sync or independently of one another in groups of two, three or four robots. The positioner, a RWV2, also originates from Yaskawa in-house production and is illustrative of welding systems of all sizes, as the company has now been planning and implementing in Europe for four decades.

For demanding tasks in arc, laser and spot welding

In addition, welding robots of the AR and SP series will be demonstrating their strengths in arc, laser and spot welding: the AR series supports every conceivable welding process. The SP series consists of highly flexible, powerful spot welding robots that are also suitable for handling applications. A laser hybrid application at the exhibition stand illustrates the advantages such as welding speeds, superior seam quality, more stable processes or reduced component distortion.

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2025-02-20

Hall: 1 Booth: 1A16

SCHWEISSEN & SCHNEIDEN

SORPAS

The welding simulation software for simulations and optimizations of resistance welding and mechanical joining processes.

Contact:

SWANTEC Software and Engineering ApS

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E-Mail: wz@swantec.com

2023-03-28

Hall: 4 Booth: 4B08

SCHWEISSEN & SCHNEIDEN

FerroTiC Titanium Carbide steel cemented hardmetal powders

Advanced Metallurgy Technology Co., Ltd. presents FerroTiC Titanium Carbide steel cemented hardmetal powders for HVOF thermal spraying at volume price 1/4 of WC-10Co-4Cr.

AMTmetalTech

Unique top quality world lowest price FerroTiC Titanium Carbide cemented hardmetal powders for HVOF thermal spraying adopt duplex stainless steel as the matrix, so that the corrosion resistance is better than 316L. Wear resistance is next to WC-10Co-4Cr. Volume price is one quarter of WC-10Co-4Cr. Also can be used for high speed laser cladding of wear and corrosion resistance.

As the world leading Metallurgy company of solutions in 1000 degree high temperature severe corrosion / erosion / cavitation / abrasion / wear resistance, AMTmetalTech philosophy is always making various alloy powders including gas atomized MCrAlY / inconel / stellite / duplex stainless steel powders, and agglomerated sintered WC-Co / Cr₃C₂-NiCr / mo powders at consistent top quality, continuous lowest price, quickest delivery in the world.

www.AMTmetalTech.com/StandardProducts/

Contact:

Advanced Metallurgy Technology Co., Ltd.

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2025-06-17

Hall: 4 Booth: 4C03

SCHWEISSEN & SCHNEIDEN

New Product with advanced Technology

Expecting new Product with advanced Technology Applicable for various Welding Machines launched at our Booth

- | Exquisite, palm-sized wire feeder with four driven rolls
- | Customized-made housing with control board assembling
- | Fully featured to achieve feeding wire precisely on welding robots

Contact:

Guangdong Epower Motor Co., Ltd

Ms. Cristy Li

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2025-07-03

Hall: 1 Booth: 1B35

SCHWEISSEN & SCHNEIDEN

PM-5000DP, 500A Double Pulse MIG/MAG

Double pulse, single pulse, and CO2 welding multifunction modes can be choose

Combined with computer technology, it adopts high-speed dual-processor DSP (Digital Sign Processor), highly

integrated in 32-bit MCU, and controls various performances and working processes of the welding machine

through precise function calculations of micro-processing. Its control is unprecedented Precise, reliable, excellent

welding performance, excellent welding quality.

The PM-5000DP belt can store 10 sets of customer welding data.

Can weld aluminum and aluminum alloy, copper, stainless steel, alloy steel, carbon steel. With 2-step, 4-step, special 4-step aluminum welding program, synergistic welding and other functions.

Special 4-step aluminum welding procedure description:

Aluminum, copper and metals with good thermal conductivity are welded. The heat is easily lost when the arc is

started, and the base metal is difficult to melt. The special 4-step program can use a large current when the arc is

started. When the arc is ignited normally, the current will gradually decay to normal. When the arc is closed, it will decay to the final arc current to fill the arc crater.

PM products are all 4-wheel drive wire feeders, and the dynamic response is several orders of magnitude higher

than that of traditional welding machines.

The software upgrade of the welding machine can be realized, and the function of the welding machine can be

expanded by changing the software to meet various needs.

Suitable for manual, mechanized, automated and robotic welding fields.

Contact:

SHENZHEN GUBANG TECHNOLOGY CO., LTD

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2025-06-12

Hall: 7 Booth: 7C24

SCHWEISSEN & SCHNEIDEN

Bevelling machine A330

The automatic edge milling machine A330 is used for precise processing of the top or bottom edges of small to large workpieces.

The adjustable angle range is between 0° and $\pm 60^\circ$, due to its 180° turning device.

Thanks to its robust design, the machine is suitable for a wide range of materials and achieves surface finishes of Ra 3.2 to 6.3.

The infinitely variable speed- and feed control also maximise tool life.

Contact:

ASSFALG GmbH

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2025-07-29

Hall: 8 Booth: 8C14

SCHWEISSEN & SCHNEIDEN

VersaDrive V18-900 Impact Wrench

The VersaDrive® V18-900 is a powerful and compact brushless impact wrench, rated for metal drilling, threading, and hole enlargement work alongside standard bolt tightening & loosening.

Quickly and safely create and modify connection holes in heavy metal components.

Optimised for use with the VersaDrive® range of cutting tools.

- | Compatible with the Makita LXT 18V battery platform Supplied with VersaDrive® Rapid-Lock adapter
- | 3 Impact settings plus Nutbuster mode
- | Powerful & efficient brushless motor
- | Rapid airflow cooling system
- | Twin LED spotlights for bright, shadow-free illumination

Contact:

Holemaker Technology Ltd

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E-Mail: sales@holemaker-technology.com

2025-06-02

Hall: 3 Booth: 3A42

SCHWEISSEN & SCHNEIDEN

Heavy Duty Induction and ultrasound heating and welding machines

- Portable, high-performance machines with a long power cable
- Adaptable inductance field measurement
- Electronic safety protection
- Heating temperature level adjustment (with optional sensor connected)
- Timer function
- Instant performance monitoring / performance curve / diagnostics
- Optional Wi-Fi connection
- User-friendly 5" or 7" color touchscreen
- Long induction cable 4.25 m to 10 m (as needed)
- 10+ alternative inductor lances available upon request
- Plug and play with inductor lance and ferrite included

Contact:

Albatros Trade Srl

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E-Mail: sales@ait-induction.com

2025-06-12

Hall: 3 Booth: 3A18

SCHWEISSEN & SCHNEIDEN

Squeezing Type Toggle Clamps Round Body

The body structure is made of high quality 4140 material so it is a long-lasting, high-strength fastening element, while it is possible to move more fluently and quickly because of using the trapezoidal profile power screw.

The product head is produced as hexagonal so maximum compression forces are obtained in the areas determined by air guns, large wrenches or alternative long-armed torque wrenches for higher compression. If desired, multiple zones can be pressed with the pressure jaw(s) welded on the upper

movable body according to the customer's request.

If it is requested, the product can also be operated in reverse to remove the jammed parts.

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2025-06-03

Hall: 1 Booth: 1C20

SCHWEISSEN & SCHNEIDEN

SOYER-power package with HYBRID power

The BMS-9 Hybrid, compatible with the newly developed HPS-1 mains adapter, is the ideal solution for flexible use in the workshop. It offers continuously high performance and reliability. This device is also optionally available with a rechargeable battery. If required, the battery can be charged using the HPS-1 mains adapter when the welding machine is not in use. Therefore, the BMS-9 Hybrid is perfectly suitable for off-grid use during assembly works.

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2025-08-05

Hall: 1 Booth: 1C29

SCHWEISSEN & SCHNEIDEN

OTTOKIND Presents Ergonomic Welding Innovation with multi4flex Series

At the Schweissen & Schneiden trade fair, OTTOKIND introduces its multi4flex series of electrically height-adjustable welding tables – a next-generation solution for ergonomic welding workstations. These tables set new benchmarks in safety, flexibility, and human-machine interaction, and are virtually unmatched in the market.

Ergonomics Meets Heavy-Duty Performance

Welding is physically demanding. The multi4flex tables offer electric height adjustment with digital display and memory function, ensuring an ergonomic position tailored to each user – regardless of height or task. This reduces strain and supports long-term health.

For Manual and Robotic Welding

A major advantage: the tables are hybrid in design – ideal for both manual welding and robotic applications. With an optional cobot adapter, any model can be upgraded to a robotic workstation, offering key benefits for companies moving toward automation. A robust steel frame supports loads up to 2,000 kg, enabling use in heavy industry.

Flexible Models for Diverse Needs

Available variants:

multi4flex Heavy Duty: For up to 2,000 kg load, with integrated system-perforated welding plate, electrical decoupling frame, drawers, compressed air and power connections, and optional mobility on castors.

multi4flex: Compact model for up to 500 kg, suited to smaller parts or tight spaces, with similar configuration.

Standard models use Siegmund plates (16 mm perforation); other sizes (Ø16/22/28 mm) are optional. Tables can be equipped with shelves, superstructures, or drawers (up to 70 kg load).

Custom & Retrofit Options

Companies with existing table tops (e.g. from Siegmund or Demmeler) can purchase frames separately.

Custom solutions for special dimensions or robot setups are available on request.

Contact:

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2025-06-26

Hall: 6 Booth: 6C11

SCHWEISSEN & SCHNEIDEN

New 250 l/h Solenoid pump

We will present you our new Solenoid pump for welding machine. The pump has a flow rate of 250 l/h and a pressure of 1.5 Bar.

Contact:

GOTEC SA

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2025-06-24

Hall: 8 Booth: 8C21.A

SCHWEISSEN & SCHNEIDEN

Laser Bevel Cutting System

- | Dual-Axis Swing Design : Allows the cutting head angle to vary in both the forward-backward (B-axis) and left-right (A-axis) directions?with a maximum bevel angle of $\pm 45^\circ$?
- | High-Precision Servo Control?Ensures an angular accuracy of $\pm 0.1^\circ$?
- | High-Rigidity and Lightweight Bevel Structure : Reduces vibration and enhances cutting stability?
- | Supported Bevel Types?K-type?V-type?Y-type?and X-type bevels?
- | Fully Enclosed Structure?All pipelines are completely internal?minimizing dust ingress into the optical system and preventing cable damage?
- | AMG CNC System with Built-in Algorithm?Compensates for minor machine
- | Can be optionally equipped with a oxyfuel torch?When the material thickness exceeds the laser's cutting capacity?oxyfuel cutting can be used as an alternative?

Contact:

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Fax: 0088687805209

E-Mail: asia92054@outlook.com

2025-07-11

Hall: 8 Booth: 8C35

SCHWEISSEN & SCHNEIDEN

SuperMIG® Welding System

A breakthrough in welding technology, SuperMIG® is a patented system that fuses Plasma Arc and MIG (GMAW) into a single high-performance torch. Designed for welding thick and long steel joints, SuperMIG® enables faster, more efficient, and more reliable results. AI-driven control algorithms power automatic and even fully autonomous operation, optimizing parameters in real time for superior performance and repeatability.

Contact:

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2023-03-10

Hall: 4 Booth: 4E12

SCHWEISSEN & SCHNEIDEN

Battery powered inverter welder AK-370

Cordless inverter welder AK-370, built-in 2405Wh li-ion pack, maximum output 150A, duty cycle 100 per cent, one single charge can weld up to 41 pieces of 3.25 millimetre electrodes or 85 pieces of 2.5 millimetre electrodes.

Cordless welders are widely used in Petrolchemical maintenance, mining, construction, steel industry, service truck, agricultural, ships, as well as bridges, they are perfect for welding in remote locations, construction sites, and highly suitable for welding in electrically hazardous environment.

This model got CE approval, distributors worldwide are welcome.

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2025-07-23

Hall: 6 Booth: 6C20

SCHWEISSEN & SCHNEIDEN

K 200

The **K 200** offers exactly what plasma cutting is all about: optimum and reliable plasma cutting quality with easy operation at lowest cost. The power source cuts with oxygen, air and nitrogen and provides a marking function. Integrated automatic gas control and direct torch connection simplify installation and maintenance of the system. Important data and parameters, as well as cutting data sets in the material thickness range from 0.036 - 2 1/4 inches can be intuitively accessed, selected and adjusted up to a maximum of 200 A.

Plasma Torch for best Cutting Results

- | Quick change K Torch QC for easier replacement of consumables and direct connection to power source
- | K-Torch M hand torch for manual plasma cutting and gouging

Contact:

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Fax: +493531500151

E-Mail: marketing@kjellberg.de

2025-08-06

Hall: 7 Booth: 7C16

SCHWEISSEN & SCHNEIDEN

Lifting Magnet TML 500

500 kg maximum load capacity with a tare weight of just 7.3 kg - the figures speak for themselves. But our TML 500 also has many other impressive advantages: As a member of the TML family (Thin Material Lifting), it develops impressive adhesive forces even on thin-walled materials thanks to patented magnet technology.

From a material thickness of 5 mm, the permanent magnet can lift loads weighing up to 300 kg; from 10 mm thick steel, the load capacity is around 490 kg.

Flexibility is ensured by the 360° rotating load swivel, which creates a secure connection to your lifting or transport device using a hook with safety flap or a load sling.

Move your metal sheets, metal plates or beams with a crane, overhead crane or wire rope hoist - you can rely on the TML 500!

We think along with you. That's why our magnets are precisely tailored to your daily processes - one example is the ergonomically shaped lever, which is aligned lengthways on the slimline housing.

The reason: this design allows the magnet to be activated even inside a T-beam.

The TML 500 will stay with you for a long time because the TiN coating on the magnetic surface is extremely robust and resistant to damage.

[Click here for the technical data!](#)

Contact:

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2025-06-24

Hall: 8 Booth: 8C21.C

SCHWEISSEN & SCHNEIDEN

Flash Butt Welding of Dissimilar Materials

Flash butt welding machine for dissimilar materials, such as aluminum to mild steel and stainless steel to high carbon steel. Dahching is continuously explore even more diverse material combinations to expand our capabilities.

Contact:

DAHCHING ELECTRIC INDUSTRIAL CO., LTD.

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2025-09-05

Hall: 1 Booth: 1C32

SCHWEISSEN & SCHNEIDEN

Meet the Future of On-Torch Extraction: High Vacuum TORFIL T1/150

Freshweld is proud to unveil the TORFIL EVO T1/150, a next-generation high-vacuum fume extraction unit designed for on-torch welding applications. This compact yet powerful mobile solution captures fumes right at the source with 99.9% efficiency, ensuring maximum operator protection.

The T1/150 features an H13 HEPA filter for ultra-fine particle capture, a washable pre-filter to extend filter life, and an intelligent filter status indicator to minimize downtime. Its quiet, energy-efficient bypass motor makes it ideal for precision welding, prototype workshops, and confined production areas where clean air is a must.

With its long filter lifetime, easy mobility, and industrial-grade reliability, the TORFIL T1/150 sets a new standard for safe and sustainable welding environments.

Contact:

Freshweld Uluslararası Ticaret Ve Sanayi A.Ş.

Ms. Imren Bilgin

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2025-07-21

Hall: 6 Booth: 6D23

SCHWEISSEN & SCHNEIDEN

More flexibility in horizontal and vertical positioning for circular seam milling machines

Our circ seam milling machines are now even more flexible and mobile, as - on request - we do supply them with customer-specific height adapters and an SPMT-compatible substructure.

The height adapters enable the customers to process pipe diameters of very different sizes on the circumferential seam milling machine. To assemble sections of cylindrical and conical sections, these have to be positioned on a constant horizontal center line. As a result, the different diameters of the cones cause different working heights for the circ seam milling machine. With the specially developed adapters, the milling machine can be positioned at different heights on the pipe sections.

The second innovation - a substructure placed underneath - allows the milling machine to be positioned and aligned quickly to the circumferential seams of the monopile sections to be processed by means of a self-propelled modular transporter (SPMT).

A substructure placed underneath allows the milling machine including adapter to be moved with the help of a self-propelled modular transporter.

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2025-06-24

Hall: 8 Booth: 8C21.F

SCHWEISSEN & SCHNEIDEN

Safety goggles LSG274

- | Wraparound wide angle lens provides superior field of view.
- | Lightweight and flexible face seal is excellent for long time wearing.
- | Optimal impact and steam resistance.
- | Protect from droplets, splash hazard and dust hazard with ANSI and CE qualified.
- | Could be used in an environment in which high speed particles at extreme temperature are present with CE certification.
- | Application fields: workplaces operation, chemical, mechanical, medical protection and outdoor activities.

Contact:

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2025-03-28

Hall: 3 Booth: 3B31

SCHWEISSEN & SCHNEIDEN

Colored Plastic Drums

THE WELDING WIRE DRUM WITH A SUSTAINABLE APPROACH

KoniK is the first recycled plastic drum designed for welding wire with an improved life cycle. Compared to the traditional cylindrical drum, it offers far greater utilisation, ensuring savings and sustainability. Thanks to the optimised production process, it reduces CO2 emissions and is 100% recyclable at the end of its cycle. An innovative solution for a more efficient and environmentally friendly future.

KoniK by Spazzolplastica is a cutting-edge **reusable** solution for welding wire. With its innovative cylindrical and conical design, it is more than just a drum, but it is a system designed to facilitate storage and optimize space in warehouses and during transport. Combining functionality and sustainability, Spazzolplastica with KoniK offers a more efficient and convenient handling for welding wire while reducing environmental impact.

Contact:

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2025-07-03

Hall: 8 Booth: 8C21.B

SCHWEISSEN & SCHNEIDEN

Hermetic sealing between heterogeneous materials

Technical Features?

| furnace brazing (vacuum/hydrogen/argon)?

| brazing by induction heating (vacuum/hydrogen)?

| hot wire brazing (hydrogen)

These technical features are also used in AI functions, such as bellows, DMMs, CDMs, evaporators and cold plates.

Contact:

Wave Power Technology Inc.

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2025-08-25

Hall: 7 Booth: 7A17

SCHWEISSEN & SCHNEIDEN

SER1200 Multibrush

Take your production process to the highest level with the SER1200 Multibrush.

The complete solution for deburring, edge rounding with Radius 2+, non-directional, or linear finish at very high speed for sheet metal parts up to 1200 mm wide.

Contact:

Q-Fin B.V.

Herr Joost Kouwenbergh

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2025-05-14

Hall: 7 Booth: 7A30

SCHWEISSEN & SCHNEIDEN

Minicut-4400 Mini Table CNC Plasma Cutting Machine

Minicut-4400 Table Model CNC Plasma cutting Machine is a kind of digital program controlled modern cutting equipment. In addition to the automation of cutting precision, high material utilization and high production efficiency.

Contact:

Shanghai Huawei Welding & Cutting Machine Co., Ltd.

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2025-08-01

Hall: 1 Booth: 1D12

SCHWEISSEN & SCHNEIDEN

World premiere at Siegmund

Visit us in Hall 1, Booth 1D12, where a world premiere awaits you – a groundbreaking innovation that is set to make waves in the industry.

Be among the first to experience our revolutionary innovation live – a true milestone you won't want to miss!

Contact:

Bernd Siegmund GmbH

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2025-07-28

Hall: 3 Booth: 3C45

SCHWEISSEN & SCHNEIDEN

FLEX - more flexible, faster and safer

FLEX stands for flexibility, speed, and safety – making it an indispensable tool in a wide range of manufacturing processes. HAEUSLER's new 3-roll bending machine forms workpieces in a single pass. A wide variety of components, materials, and geometries can be processed with precision and repeatability – even without years of in-house bending experience!

The new Traction Controller® system automatically ensures constant clamping of the plate during the entire bending process. This guarantees maximum safety, as it is impossible for the plate to slip.

A machine system for those who don't need a second try.

Contact:

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2025-03-06

Hall: 6 Booth: 6A16

SCHWEISSEN & SCHNEIDEN

Rolling Induction System

THERMOPROZESS develops **rolling induction system** for induction heating of rotating components in all dimensions (Patent-No.: 3297398).

Applications:

- | Rotating components such as pipes, containers, shafts, heat exchangers or similar.
- | Preheat and soaking of circumferential seams.

Benefits:

- | Flexible adaption to different diameters, therefore specific customer requests could be realized.
- | Flexible induction cables (natural-cooled) Ti 550 are used. So there is no risk of water, especially in the area of welding and/or heating.
- | Constant coupling distance despite possible ovalities of the heated components.
- | Uniform temperature profile.
- | Induction heat treatment unit could be operated with green electrician, CO₂-neutrally.
- | There is no need for heating with an open flame.
- | No punctual heating and overheating due to the open flame.
- | Low noise level.
- | No expensive gas consumption.
- | Low heat radiation to the environment and thus a relief for the staff.
- | No danger due to gas-oxygen-hoses lying on the ground.

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2025-07-23

Hall: 3 Booth: 3A47.1

SCHWEISSEN & SCHNEIDEN

WeldMagnet

Meet the **WeldMagnet** – the breakthrough that turns thick-section welding (10–40 mm) into a single-pass, top-quality operation. By generating tailored magnetic fields, the system holds the weld pool in perfect suspension. The payoff: reliable, defect-free seams even with rough edges or gaps up to 2 mm. Less heat input, zero rework, total process stability – and a productivity leap you will feel on the bottom line.

The package includes the active WeldMagnet and a passive control unit with intuitive software. It slots seamlessly into linear axes, turning rolls and other handling systems – wherever you need it.

Ready to see how **single-pass welding** can transform your production? Let's talk!

Contact:

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2025-07-11

Hall: 1 Booth: 1C14

SCHWEISSEN & SCHNEIDEN

New from BESSEY: One-Handed Lifting Tool BEYCEPS

The new BEYCEPS – for powerful, ergonomic and safe one-handed assembly

With the new BEYCEPS, clamping tool specialist BESSEY presents a revolutionary one-handed lifting tool that takes work in both professional and private applications to a new level. Thanks to an impressive lifting force of up to 180 kg, the BEYCEPS enables workpieces to be lifted, lowered and aligned safely and precisely – conveniently with just one hand.

When developing the powerful BEYCEPS, the focus was also on protecting the user, the product and the workpiece. The result: an ergonomic, intuitive design for maximum safety and ease of use. The pump lever made of 2-component plastic is located at the top for comfortable handling. The two levers for fine lowering and release are located separately underneath, which prevents accidental triggering and further increases work safety. The mechanism is hidden in a closed plastic housing, providing reliable protection against dust, dirt and chips – ideal for demanding everyday workshop use. In addition, the protective caps for the stand and lifting plate included in the scope of delivery protect sensitive surfaces from damage.

This versatile all-rounder impresses with its generous working range: when lifting and spreading, this ranges from 5 to 230 mm (without protective cap on the stand), while tool-free conversion to clamping allows a opening of 170 to 390 mm.

The optional installation kit BEY-IK provides even greater flexibility. This accessory set consists of an extension adapter and a rail unit. Quick, tool-free installation in combination with the BEYCEPS expands the usable area up to 620 mm, depending on the configuration, and supports up to 60 kg.

Whether in a professional workshop or for DIY enthusiasts, the BEYCEPS is the ideal CE-compliant tool for precise, powerful and gentle assembly work. With its high performance, user-friendliness and flexibility, it sets new standards in assembly and handling technology.

www.bessey.de/the-beyceps

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E-Mail: abert@bessey.de

2025-08-01

Hall: 5 Booth: 5D13

SCHWEISSEN & SCHNEIDEN

SmoothTool

Made for Welders. Built for Efficiency.

SmoothTool is a complete cobot welding package for Universal Robots.

What's Included:

- | SmoothTool Software (URCap)

- | Programming Flange

The Welder's Secret Weapon for Productivity

SmoothTool empowers welders with an intuitive software solution that makes creating and executing advanced welds effortless — so you can focus on what really matters: laying down perfect welds.

No More Tedious Programming

SmoothTool's user-friendly interface lets you quickly program intricate welds with advanced features like:

- | Touch Sense

- | Weaving Patterns

- | Multipass Welding

- | and much more

Boost your output without sacrificing precision.

Maximum Flexibility for Any Workshop

SmoothTool works seamlessly with all UR robots (separate hardware required for UR20).

The included programming flange allows you to easily Freedrive the robot and teach the welding path.

Compatible with Almost Any Power Source

The software includes a growing list of pre-integrated power sources for advanced features.

Need something custom? The optional RetroFit Kit by Smooth Robotics makes it possible to integrate with virtually any welding power source.

Learn more about SmoothTool at <https://smooth-robotics.com/smoothtool-product-page/>

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2025-07-14

Hall: 1 Booth: 1B25

SCHWEISSEN & SCHNEIDEN

eco production

Elbor Spa Welding Wires is actively involved in the implementation of new technologies environment friendly.

the purchase of green steel transported by train rather than by truck, fully recycling of internal wastes and dirty water, installation of solar panels at both manufacturing plants are all orientated to an eco sustainable production.

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2025-08-02

Hall: Galeria Booth: GA59

SCHWEISSEN & SCHNEIDEN

RMFL-2000 Rack Mount Chiller Powers Stable Cooling for 2kW Handheld Laser Welding System

TEYU RMFL-2000 rack chiller delivers precise and reliable dual-circuit cooling for 2kW handheld fiber laser welding systems. Its compact design, $\pm 0.5^{\circ}\text{C}$ stability, and full alarm protection ensure consistent laser performance and easy integration. It's an ideal choice for manufacturers seeking efficient, space-saving cooling solutions.

A laser equipment integrator recently upgraded their handheld fiber laser welding solution by combining the MAX MFSC-2000C 2kW fiber laser source with a TEYU RMFL-2000 rack mount chiller. Designed for precise and reliable cooling, the RMFL-2000 has proven to be the ideal temperature control solution for high-performance handheld welding applications.

In this case, the customer required a compact and efficient chiller to support both the fiber laser and the laser welding head. TEYU's RMFL-2000 rack chiller stood out with its dual-circuit cooling system, which independently cools the laser source and the laser optics. This ensures optimal temperature stability and consistent laser performance, even during long hours of continuous welding.

The RMFL-2000 chiller features $\pm 0.5^{\circ}\text{C}$ temperature control accuracy, along with intelligent and constant temperature modes. Its rack-mount design fits seamlessly into equipment cabinets, saving valuable space and improving system integration. The rack chiller also includes a full set of alarm protections, covering water flow, temperature, and electrical issues, to safeguard laser operation in demanding industrial environments.

Thanks to the combination of the RMFL-2000 and the MAX MFSC-2000C, the customer reported excellent welding consistency, reduced thermal errors, and more efficient on-site workflows. The RMFL-2000's quiet operation, compact footprint, and maintenance-friendly design were particularly appreciated by technicians working in enclosed spaces.

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2025-08-05

Hall: 6 Booth: 6D06

SCHWEISSEN & SCHNEIDEN

Agglomerated flux for high speed welding of nickel-based alloy

XUN-621

Classification?

EN ISO 14171 S A AF 2 DC

Characteristics and Applications?

XUN-621 is alumina-fluoride type of flux.

Excellent slag detachability, no welding spatter and surface slag adhesion. Suitable for high-speed welding up to 1.0m/min.

The weld exhibits good crack resistance, along with good stress corrosion resistance and pitting corrosion resistance. Ensure smooth weld bead and easy slag detachment while high speed horizontal welding.

Compatible with NiCrMo-3, NiCrMo-4, and NiCr-3 welding wire. It is designed for twin-wire high speed submerged arc welding of nickel-based alloys.

Ideal for high speed welding of nickel-based alloy water-cooled walls.

Grain Size?14-60 Mesh

Basicity?BIW??2.2

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2025-06-26

Hall: 1 Booth: 1D33

SCHWEISSEN & SCHNEIDEN

The innovative wire drive with constant angle of inclination

The bent welding torch cable leaving the welding machine or wire feeder is a well-known problem in the welding industry. Our PolyDrive-AF wire drive product line overcomes this challenge with a 35 degree inclined wire guide to the central adapter.

The innovative and patented design allows the central adapter to be mounted at an angle optimised to the needs of the welder.

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2025-02-03

Hall: 5 Booth: 5C23

SCHWEISSEN & SCHNEIDEN

Rhino Cart® Mobile Working Station

At Strong Hand Tools and BuildPro Tables, we value the feedback from our welding community. Your insights created the next generation of Rhino Cart: the F3. Designed with enhanced features based on your needs, the F3 takes fabrication versatility and convenience to an entirely new level.

Wholly & holey customizable – Tailor your rhino cart to your specifications

- | Every welder has unique needs. With enhanced mounting options, you can customize your cart to fit your specific requirements.
- | These customization options ensure that your Rhino Cart evolves with your projects, providing a tailored solution that meets all your fabrication needs.
- | **Accessory Mounting Holes:** 7 mm mounting holes on frames and legs allow the adaptation of accessories such as Grinder Storage Rack or Accessory Shelves.

Neat, clean & tidy – Keep your rhino workspace clear with slag trays

- | Two slag trays cover the entire width, ensuring that your workspace remains clean and free from debris.

Improved storage & organization – Streamline your setup with superior electrical access

- | Say goodbye to tangled cords and cluttered workspaces. The F3 Rhino Carts feature improved electrical access with strategically placed cutouts in the center divider panel beneath the tabletop. This innovation allows for Easy Electrical Connection & Organized Workspace.

Consistent highlights

- | **Reversible tabletop with flatness calibration:** Weld spatter, rust and scratch resistant.
- | **CNC hole pattern:** CNC precision bored 16 mm diameter holes in 50x50 mm spacing pattern.
- | **Locking casters:** Steel legs are equipped with four locking casters and leveling feet for mobile or stationary use.
- | **Compatible with 16 mm fixturing elements**

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2025-06-24

Hall: 3 Booth: 3A66

SCHWEISSEN & SCHNEIDEN

Seabery Welding Simulator

Soldamatic is a comprehensive, effective and modern welding solution.

Soldamatic's extensive selection of welded joints ranges from simple joints used in welding training and certification around the world to special joints based on application cases and **industry standards** in various sectors: shipbuilding, railways, automotive, pipelines and others.

In addition, it is possible to develop customized joints to represent **specific applications** using augmented reality technology.

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2025-09-08

Hall: 1 Booth: 1B34

SCHWEISSEN & SCHNEIDEN

Vertical Hold-Down Toggle Clamp

The vertical clamps, are toggle clamps that when locked the cable is it in the vertical, they are formed by a base that can be adapted and a arm where the fixation tip goes. More information in the video!

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2025-08-06

Hall: 5 Booth: 5A33

SCHWEISSEN & SCHNEIDEN

Simply smart – multifunctional welding with touch function

The new AC/DC WIG 200 Puls Pro Touch welding machine is powerful yet easy to operate, like a smartphone. This multifunctional professional inverter features a touch display and job memory, and covers a wide range of welding processes with program support. Rather than having complicated buttons and controls, the device has a clear digital touch display. All welding parameters can be set and adjusted quickly and intuitively. The pulse function makes welding thin sheets particularly convenient. The integrated job memory function allows you to easily save and recall your preferred settings at any time with the touch of a button. Modern IGBT inverter technology and pulse width modulation (PWM) provide excellent welding performance while reducing power consumption. The device can weld continuously at 120 amps, enabling a high duty cycle and uninterrupted operation during long welding cycles.

This powerful inverter welding machine has been specially developed for demanding industrial, trade and workshop tasks. It combines a variety of functions in a compact, robust housing. It can perform a variety of welding processes, including DC TIG, AC TIG, MMA/ARC, and DC and AC pulse functions. This makes this state-of-the-art gas-shielded welding machine the ideal choice for processing a variety of materials, including steel, stainless steel and aluminium. In addition, intelligent functions ensure greater efficiency. The welding machine can be remotely controlled using the appropriate hose package. This is another important feature for precise and safe operation.

You can see two different versions of the AC/DC WIG 200 Puls Pro Touch at the STAHLWERK stand. Also on display is the predecessor model without a touch display, which is the largest welding machine in the world.

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2025-08-08

Hall: 6 Booth: 6C20

SCHWEISSEN & SCHNEIDEN

Q-Torch Auto Change System

Automated tool change for more efficiency and availability

With the **Q-Torch Auto Change System**, Kjellberg Finsterwalde is presenting a powerful solution for **automated plasma cutting** at Schweissen & Schneiden 2025. The system enables fast and precise changing of torch heads without any operator intervention. This saves valuable machine time, reduces downtime and significantly increases system availability.

The system is based on an **innovative changeable head lock** with pneumatic control. The number of mounting stations can be expanded indefinitely and can be individually adapted to the respective production processes. Existing Q systems can **be retrofitted without any problems**. Thanks to identical TCP and consistent spacing, the system is also ideal for bevel applications.

This means the **Q-Torch Auto Change System** supports unmanned plasma cutting, lowers maintenance costs, and keeps quality consistent.

Visit us at Schweissen & Schneiden 2025 in **Hall 6 / 6C20** and experience the new automation live at the Kjellberg Finsterwalde booth – WE KNOW HOW.

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2025-05-19

Hall: 8 Booth: 8A18

SCHWEISSEN & SCHNEIDEN

Industrial Tig Welding Glove

<https://www.hundalgroup.com/product/impact-gloves/>

Industrial leather welding glove, made of cow split leather, cotton fleece lining with denim cuffs, size M to XL

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