

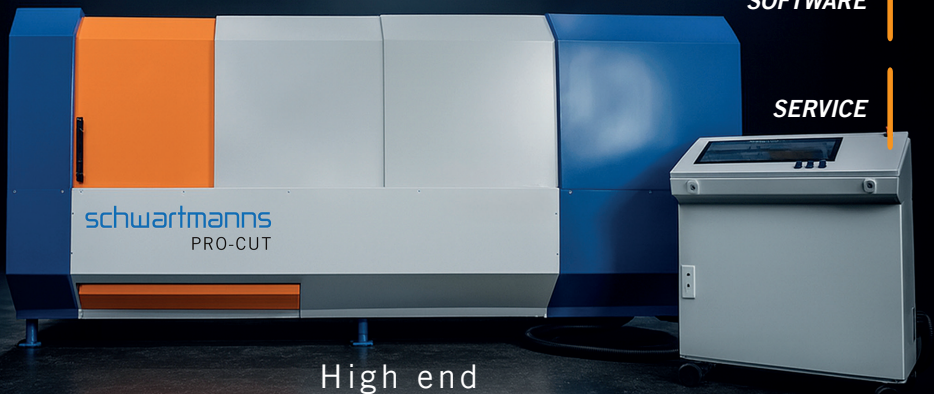
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PRODUCT CATALOGUE

MACHINES

SOFTWARE

SERVICE

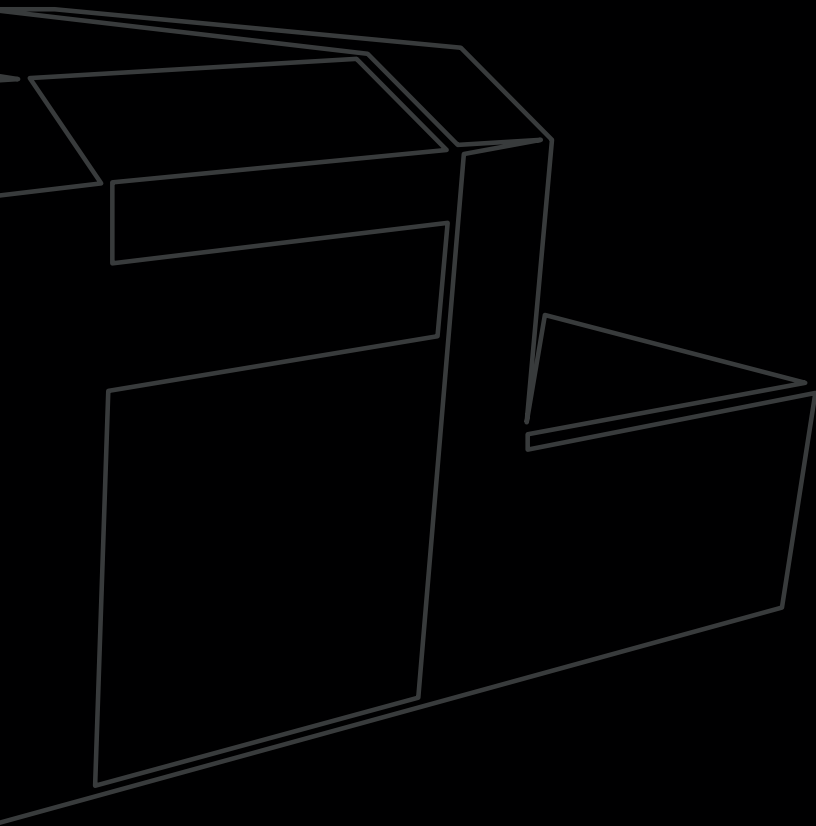


High end

POWER PACKS FOR SHEET METAL

Cutting | Rounding | Decoiling | Beading | Punching | Lasering

www.schwartmanns.com



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Machines for technical insulations



TII Technische Isolierung
Product of the Year
2022
Short List
ULTRA-CUT Laser Cutting Machine

TII Technische Isolierung
Product of the year
2020
Winner
isodot

TII Technische Isolierung
Product of the Year
2023
Winner
isoconnect

For over **60 years**, Schwartmanns has been synonymous with high-quality sheet metal working machines in the insulation industry.

Dear partners, customers and friends of Schwartmanns,

Our new product catalogue shows what we stand for: machines, software and service from a single source, developed to meet the requirements of the insulation industry.

With the new PRO-CUT, we are expanding our portfolio below the ULTRA-CUT. More compact in design and therefore space-saving, yet powerful in performance and precision – the ideal choice for anyone looking for efficiency and flexibility in a smaller space.

For many years, we have been combining technical expertise with passion and the desire to create solutions that simplify processes, save time and improve results. Whether in planning, daily use or service – our goal is to be a reliable partner at your side.

Discover the diversity of our products and services and find the solution that perfectly suits your projects.

Best regards from Wesseling



M. Schwartmann

ULTRA/CUT



Our top model for maximum performance

The ULTRA-CUT is the high-end system in our laser cutting technology range – developed for maximum precision, speed and a consistently stable production process. With its 1.5 kW fibre laser source, it works directly from the coil and processes sheet widths of up to 1500 mm with impressive repeat accuracy.

The laser allows maximum design freedom: holes, cut-outs and complex contours are precisely implemented in all dimensions – without tool changes, without compromises. In addition, the ULTRA-CUT marks position numbers, part numbers or edge lines directly on the shaped parts. An ink marking system is also available for special requirements.

The integrated software ensures clear processes, intuitive operation and maximum transparency in daily use. The ULTRA-CUT is the right choice for anyone who wants to get the most out of their production – quickly, reliably and with consistently high quality.

- **Direct from coil processing**
for maximum efficiency and continuous processes
- **1.5 kW fibre laser**
for maximum cutting quality and high throughput
- **Up to 1500 mm sheet width**
for large and complex moulded parts
- **Laser or ink marking**
for IDs, edge lines or individual labels
- **Intuitive Software**
for clear process control, stable procedures and high repeatability



PRO/CUT



Compact, flexible and powerful performance

The PRO-CUT expands our portfolio below the ULTRA-CUT and offers a powerful solution for businesses that need precision and efficiency in a smaller space. Thanks to its compact design, it can be easily integrated into existing workshops and is ideal for flexible applications and changing requirements.

The focus is on versatility: the PRO-CUT is particularly suitable for smaller batch sizes, changing contours, individual shapes and scrap sheets – cut precisely and without time-consuming set-up times. Markings such as position numbers, part numbers or edge lines can also be applied directly by laser; alternatively, an ink marking system is available.

With its own software, intuitive operation and service that supports you at every stage, the PRO-CUT is the ideal introduction to laser technology and perfect for efficient everyday workshop use.

■ Compact design

Ideal for workshops with limited space

■ Laser or ink marking

for IDs, edge lines or individual labels

■ Flexible contour editing

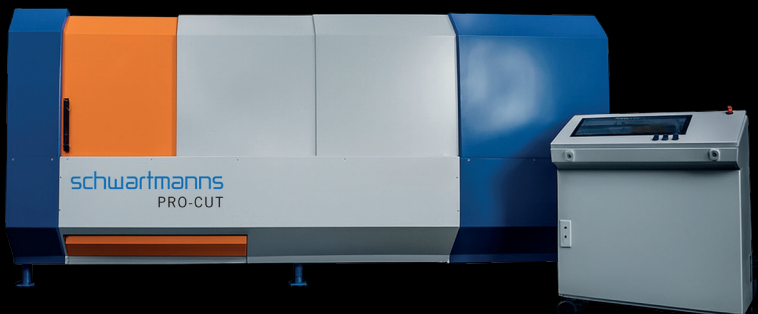
Perfect for smaller batch sizes and changing shapes

■ Intuitive operating software

and easy transition from old models

■ Easy integration

into existing workflows and production environments



UNI-CUT



Versatile, reliable and economical

The UNI-CUT is our proven universal cutting system for flexible workshop use. It covers a wide range of shaped parts and offers stable, precise processing for everyday needs. The UNI-CUT really comes into its own when it comes to efficiency: the integrated automatic scrap sheet system supports optimum material utilisation and enables economical working. The open machine frame also facilitates all maintenance and service work and reduces downtime. This makes the UNI-CUT the ideal solution for companies looking for a robust, versatile and reliable cutting system for everyday workshop use.

- **Wide range of applications**
for a wide variety of moulded parts in everyday workshop use
- **Stable, precise mechanics**
for consistently reliable cutting results
- **automatic scrap metal collection system**
for better material utilisation and economical working
- **Open machine frame**
for quick access and easy maintenance



FLEX-CUT



Versatile, fast and perfect for the workshop

The FLEX-CUT is our multifunctional cross-cutting system for precise cutting, punching and beading of sheet metal. It combines robust mechanics with fully automatic sheet edge detection, which simplifies the work process and provides reliable support. The multilingual control panel enables quick, intuitive input and makes the FLEX-CUT particularly user-friendly. In combination with the UNI-CUT, it also unleashes its full automation advantage by punching the required holes directly instead of drilling them. The FLEX-CUT is not only a versatile single machine, but also offers real added value for anyone who wants to intelligently expand their production and noticeably optimise their workflow.

- **Cutting to length, punching**
in a compact system
- **Automatic sheet metal edge detection**
for precise and safe processes
- **Multilingual control panel**
for simple and quick entries
- **Direct cooperation with UNI-CUT**
through intelligent data linking
- **Preparatory hole patterns
on the FLEX-CUT**
relieve the UNI-CUT and
increase the degree of
automation



EASY-CUT



Compact, reliable and ideal for beginners

The EASY-CUT is a space-saving cross-cutting system that automatically straightens and precisely cuts sheets to length. Its robust eccentric guillotine shear ensures clean cuts, while the integrated variable-speed straightening machine enables consistent material guidance.

With an optional longitudinal cutting device and the 5-shaft straightening unit, the functionality can be flexibly expanded – ideal for companies that want to expand their production step by step. In combination with the UNI-CUT, the EASY-CUT can directly transfer the cutting data, which noticeably simplifies processes and optimally coordinates work steps.

This makes the EASY-CUT the ideal solution for workshops looking for a compact, reliable and easy-to-use system for producing cross-cuts.

- **Automatic straightening and cutting to length**
in a compact system
- **Robust eccentric table shear**
for clean, precise cuts
- **Straightening machine with rapid and creep speed**
for even material feed
- **Optional longitudinal section system & 5-shaft straightening machine**
for additional flexibility
- **Direct transfer of UNI-CUT cutting data**
for coordinated workflows





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ACADEMY

Knowledge that strengthens your production



**KNOWLEDGE.
PRACTICE.
SAFETY.**

At the Schwartmanns Academy, we teach you and your team everything you need to know to operate our machines safely, efficiently and independently. Our aim is to enable you to confidently operate, program and maintain your system right from the start – in a practical, understandable and directly applicable way.

This is based on our basic training course, which takes place at the same time as your machine is commissioned. It lays the foundation for optimal use, clean processes and professional maintenance. If your operating personnel change, we offer refresher

and retraining courses at any time to ensure that competence is maintained in the long term.

Our trainers have many years of service experience and pass on their knowledge in a structured and understandable way – either at your premises or at our modern factory in Wesseling. After completing each training course, every participant receives a certificate confirming the skills and expertise they have acquired.

This is how we ensure that your team can exploit the full potential of your Schwartmann machines – today and in the future.

WST



Precise, handy and reliable

The WST manual lever table shear combines easy handling with precise cutting quality. Equipped with precision blades made of durable stainless steel and a maintenance-free, adjustable blade bar, it delivers clean cuts with minimal operating force. The generous support table provides a secure hold for the material, while the swivelling sheet metal hold-down device enables flexible and versatile cutting tasks. The precisely adjustable width stop with millimetre scale allows even narrow strips to be cut accurately and with repeat precision. This makes the WST a reliable tool for anyone who wants to combine precise manual work with high quality.

- **Precise hand lever panel shears**
for clean and long-lasting cuts
- **Maintenance-free, adjustable cutter bar**
for consistently high cutting quality
- **Large support table**
for secure material guidance
- **Swivel-mounted sheet metal holder**
for flexible and versatile cutting tasks
- **Precise width stop
with millimetre scale**
for precise, repeatable strips



KSM



Precise round parts, robust construction

The KSM circular shears are ideal for cutting round plates made of steel, stainless steel or aluminium. Their robust, durable construction makes them a reliable tool for everyday use. The reinforced base frame also facilitates transport and ensures stability during operation.

Operation is convenient via a foot switch with two speeds. The easy-to-read measuring scale and precise hand wheel allow the diameter and blade spacing to be set exactly. Quick cutting gap adjustment and maintenance-free blade shafts ensure that the KSM works efficiently and requires minimal maintenance.

- **For round sheet metal blanks**
made of steel, stainless steel and aluminium
- **Durable, robust construction**
for daily use
- **Reinforced undercarriage**
for easy transport and stable standing
- **Two speeds**
via foot switch for convenient operation
- **Precise adjustment**
from diameter and knife to measuring scale and handwheel



BEADY



The mobile beading machine for the construction site

The Beady is a battery-powered beading machine that has been specially developed for use on construction sites. Two powerful 5.0 Ah batteries ensure that there is always enough power available for continuous work.

The machine enables the creation of a 50 mm offset bead and offers particularly safe and comfortable handling thanks to the side-mounted screw-on handle. Its maintenance-free design means that the Beady remains reliable, robust and ready for use at all times – ideal for daily use outside the workshop.

- **Battery-powered beading machine**

for use on construction sites

- **Two 5.0 Ah batteries**

for consistent motivation

- **Possibility of 50 mm**

recessed bead

- **Side-mounted additional handle**

for optimum control

- **Maintenance-free design**

for long service life and high reliability

SECURE GRIP

thanks to the included
mounting foot for the
workbench



RSM



Rounding and beading in one step

The RSM round beading machine enables pipe material to be rounded and beaded in a single operation. Equipped with a 230 V connection, it applies both positive and negative beads in a single pass and shapes the pipe precisely. The infinitely variable speed allows the working speed to be individually adjusted to the material and application.

For additional flexibility, the optional 50 mm offset bead offers the option of applying the shape to either the left or right end of the pipe. In addition, the machine is also available as a wider 1.25 m version, the RSM 2, to meet different requirements.

- **Rounds and beads**
in a single step
- **Plus and minus beads**
in the same run
- **Infinitely adjustable**
working speed
- **Optional 50 mm recessed bead**
left or right possible
- **Also available in a wider 1.25 m version**
RSM 2 available



WSRM

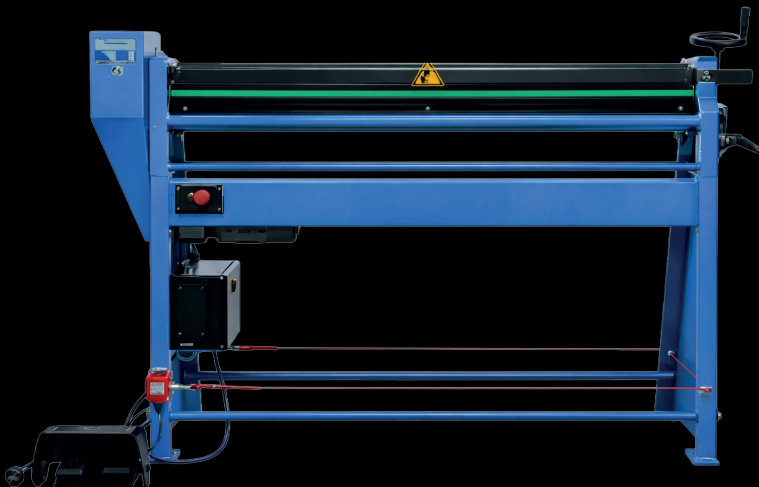


Motorised circular technology for precise results

WSRM motorised round bending machines are equipped with a modern control system and an integrated transport device, which facilitates mobile use. The infinitely adjustable working speed enables controlled and material-friendly rounding for a wide range of requirements.

Thanks to the dual safety control system and the straightforward 230 V connection, the machines can be used flexibly and safely in everyday workshop operations. Precise bending – even in conical shapes – is reliably achieved, while the stable construction ensures a long service life and low maintenance requirements.

- **Modern control system**
for comfortable and controlled working
- **Integrated transport device**
for easy mobility
- **Continuously adjustable working speed**
- **dual safety control**
and 230 V connection
- **Precise and conical rounding**
with durable, sturdy construction



WSRV



Handy round bending machines for versatile applications

The WSRV manual round bending machines are equipped with a reinforced base frame that facilitates transport and ensures a secure footing. Conical shapes can be easily produced by lowering the rear shaft on one side.

For small diameters, the upper shaft can be swivelled out, making the machine particularly flexible. The diameter can be adjusted quickly and easily using a ratchet lever, allowing the machine to be precisely adapted to different tasks.

- **Reinforced undercarriage**
for easy mobility and stable footing
- **Conical rounding**
by lowering the rear wave on one side
- **Swing-out upper shaft**
for small diameters
- **Swing-out upper shaft**
for small diameters
- **Quick and precise diameter adjustment**
by lever handle
- **Versatile solution**
for manual circular work in everyday workshop life



WSRN



**Small diameter round bending,
precise and hand-guided**

The WSRN is a hand-operated round bending machine, ideal for small diameters from around 40 mm – depending on the material and sheet thickness. It combines robust construction with very smooth handling, making it particularly well suited for finer round work. The asymmetrically arranged working shafts ensure precise results and enable clean feeding of the material. The upper shaft can be swung out with one hand and remains securely in position during operation, making the entire process more comfortable and faster. The lower and rear shafts can be conveniently adjusted from the outside: the lower shaft via a handle and clamping lever, the rear shaft via a ratchet lever and toothed segment. This allows for precise, repeatable settings at any time.

- **Ideal for small diameters**
from approx. 40 mm (depending on material)
- **Robust, smooth-running hand guide**
- **Asymmetrically arranged drive shafts**
for precise feeding
- **Upper arm can be swung out
with one hand**
and secure firmly
- **External settings**
of lower and rear shafts for
reproducible results



S1



Energy-efficient, mobile and versatile

The S1 is a motorised beading machine that stands out for its high energy efficiency, consuming up to 70 per cent less electricity than comparable models. The stop plate can be adjusted quickly and precisely using a rotary wheel, allowing the machine to be flexibly adapted to different tasks.

Thanks to its integrated transport rollers, the S1 is particularly mobile and can be moved as easily as a sack truck. A lockable storage compartment provides space for rollers and accessories and keeps everything within easy reach.

The machine has a continuously adjustable working speed and a button for jog or continuous operation. The large stop plate with replaceable, hardened screw-on plate ensures stability and durability in daily use. The S1 is operated via a 230-volt power supply as standard.



- **Up to 70 per cent lower power consumption**
compared to similar machines
- **Quick, precise adjustment**
the stop plate via rotary wheel
- **High mobility**
by integrated transport rollers
- **Lockable storage space**
for rollers and accessories
- **Continuously variable speed**
and touch or continuous operation for flexible working

SMA 56 / 80



**Robust, versatile and made for
daily workshop use**

The SMA is a robust workshop beading machine for intensive use, offering a combination of powerful motor, versatile application options and simple operation. The working speed can be adjusted continuously, and the solid construction ensures smooth running and a long service life.

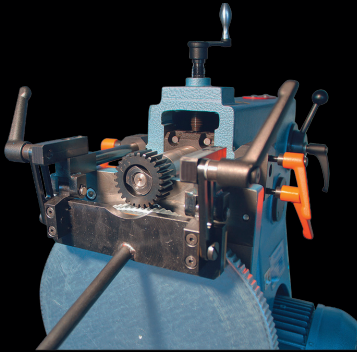
The large stop plate with replaceable, hardened screw-on plate enables precise work, while the quick change between jog and continuous operation supports flexible workflows. The machine is equipped with a 400-volt connection as standard; a 230-volt version is also available at no extra charge on request.

- **Continuously adjustable working speed**
- **Solid, durable construction**
for smooth running
- **Large striking plate**
with hardened, replaceable screw-on plate
- **Pulse or continuous operation**
for flexible workflows
- **Optionally 400 V or 230 V**
at no extra charge

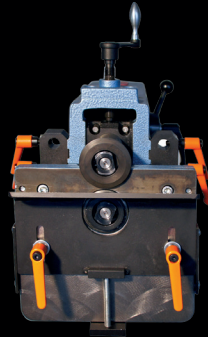


ACCESSORIES

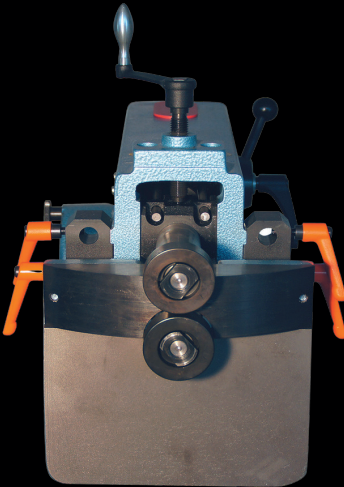
One beading machine, many possibilities



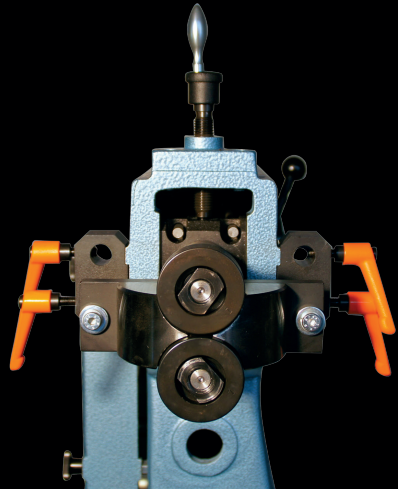
retraction carriage



flanging device



tail bar



Tail bracket for
inner cut-outs

RLM / RLP RLF / RLH



Flexible, precise and now even more convenient

Our row punching machines are designed for fast, precise punching of cut-to-size sheets. A sturdy construction and reliable drive technology ensure clean results and smooth operation. Depending on the model, the machines are operated by motor, pneumatics, foot drive or pure manual force.

All variants are now manufactured in a push-through design so that even long sheets can be processed without repositioning. The punching bodies can be adjusted very easily and quickly using a clamping handle – ideal for changing hole patterns and variable distances. An integrated chip drawer neatly collects punching residues and keeps the work area tidy.

The punching units can be flexibly adjusted in number and diameter (2.5 to 6.0 mm). The hole position relative to the sheet edge can be precisely adjusted using infinitely variable width stops. An extendable table extension provides additional support surface and facilitates controlled working.

- **Standard push-through design**

for long cuts

- **Very quick adjustment**

the punching body via clamping handle

- **chip drawer**

for clean working

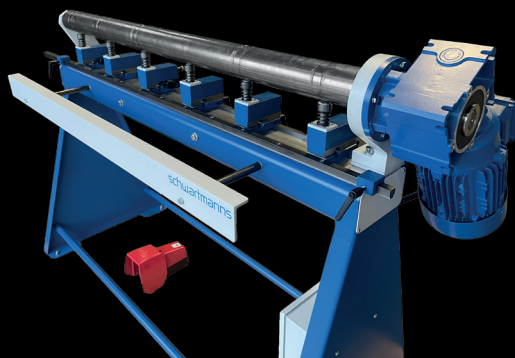
- **Variable hole patterns**

Punching units for 2.5–6.0 mm diameter

- **Infinitely adjustable**

width stops

and extendable table extension



RKP 03



Segment hole punch

The RKP 03 is a pneumatic segment hole punch for screw holes in pipe and elbow segments. With a working length of 300 mm and a maximum sheet thickness of 1.2 mm, it is ideal for typical applications in sheet metal insulation.

It has two punching units with a hole diameter of 3.3 mm, a throat depth of 25 mm and a minimum hole spacing of 25 mm. The machine operates at a working pressure of 6 to 8 bar and weighs around 40 kg. Additional punching units or other diameters are available on request.

- **For pipe segments and elbow segments**

- **Pneumatic drive**

for powerful perforations

- **Two punching units**

with a diameter of 3.3 mm

- **25 mm projection**

and minimum hole spacing

- **Useful length 300 mm**

for sheets up to 1.2 mm



AVK



Precise notching machine for valve cap blanks

The AVK is a pneumatically operated notching machine that has been specially developed for the precise cutting of corners on blanks for valve caps. Two adjustable stops enable the depth and width of the notch to be set precisely, ensuring repeatable results.

Operation is safe and convenient via a foot trigger, leaving both hands free for material guidance.

- **For precise notching of corners**
on valve cap blanks
- **Pneumatic drive**
for clean, powerful cuts
- **Two adjustable stops**
for depth and width of the notch
- **Comfortable and safe operation**
by foot release
- **Repeatable results**
in daily use



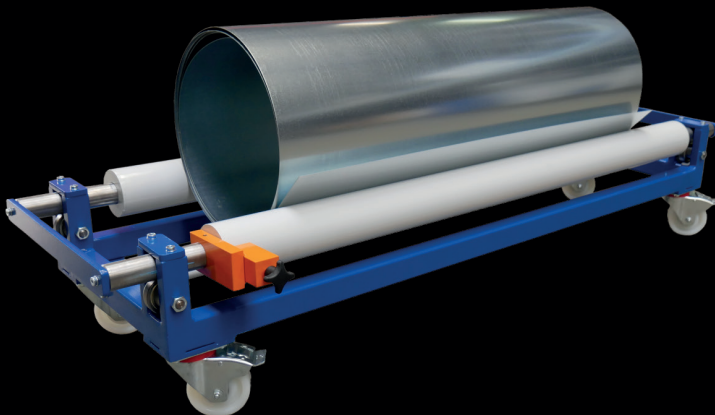
CA



Compact solution for small coils up to 1000 kg

The pendulum decoiler is ideal for decoiling small coils weighing up to 1,000 kilograms. Ball-bearing, pendulum-type support rollers ensure that any inaccuracies in the coil feed are compensated for and that the material is fed off evenly and reliably.

- **For small coils**
up to 1000 kg
- **Oscillating support rollers**
compensate for similar deduction fluctuations
- **Ball bearing construction**
for smooth running
- **Compact design**
for flexible placement
- **Reliable material feed**
for clean working



TAF

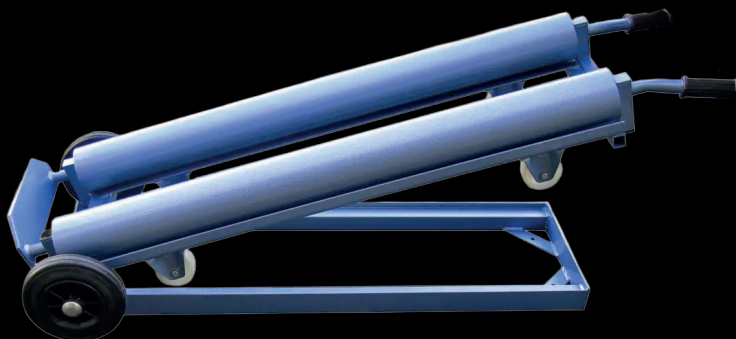


Transport and uncoiling device for small coils

The TAF 1 and TAF 2 enable easy transport of small coils – similar to a sack truck. In a horizontal position, smooth-running support rollers ensure even and controlled removal of the sheet metal.

The supplied base frame allows the device to swing, compensating for inaccuracies in coil removal. Both models can carry up to 150 kg. The TAF 1 accommodates coil widths up to 1000 mm, the TAF 2 up to 1250 mm.

- **Transport of small coils**
as if with a sackbarrow
- **Smooth-running support rollers**
for easy removal of the tray
- **Commutable**
by means of the supplied base frame
- **Load capacity 150 kg**
Different mounting widths for 1000 mm and 1250 mm
- **Low weight**
for easy transport and use



CD



Robust spreader reels for coil widths up to 1500 mm

The CD 2.15 and CD 3.15 spreader mandrel decoilers are versatile decoilers with five clamping arms and a manually adjustable roll-off brake. Both models can handle coils weighing up to 1,500 kilograms and cover a spread range of 260 to 530 millimetres.

The CD 2.15 is designed for coil widths up to 1250 millimetres, while the CD 3.15 can accommodate coils up to a width of 1500 millimetres. A mobile version with four swivel castors – two of which have a stop device – is available as an option. Other sizes and variants are available on request.

- **Five clamping arms**
with manually adjustable roll-off brake
- **Load capacity up to 1500 kg**
- **Spread range 260–530 mm**
- **Models for 1250 mm and 1500 mm**
coil width
- **Optional mobile version**
with four swivel castors



ISOCONNECT

Digital measurement software for fast
and accurate projects

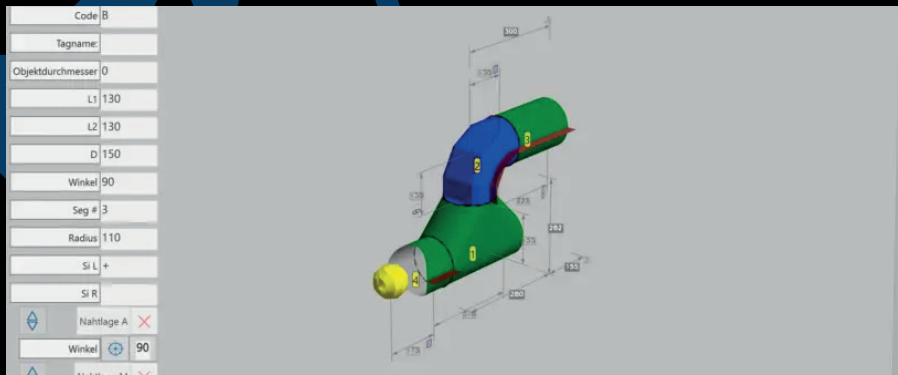
Isoconnect is our digital solution for efficient and accurate measurement – directly on your tablet or laptop. The software guides you through three simple steps to a complete, professional measurement, ensuring clear processes and fast results.

In the project manager, you enter all relevant project data and create the basis for the further process. Then you select the appropriate fittings from a standardised parts library.

In the final step, workshop orders, 3D screenshots or delivery notes can be created with just a few clicks. This results in direct, fast and traceable documentation for the workshop and construction site.

A particular advantage is the direct connection to Schwartzmann's cutting systems. Cutting data can be transferred to the machine without having to be re-entered – for a continuous digital workflow, fewer errors and noticeable time savings.

Isoconnect is therefore the ideal software for creating measurements digitally, securely and efficiently and providing optimum support for production.



CONSTRUCTION SITE MACHINERY

SMW + ZSV – the power duo



SMW 50.00
Optional with transport case

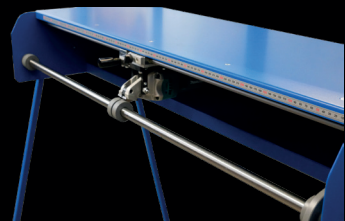


SMW 50.20
with 230 V motor drive

- **Precise hand lever panel shears**
combines ease of use with the precision of heavy-duty workshop designs
- **High-quality knives + VA special knives**
For clean cuts and maximum service life – even with stainless steel/VA

FITTING CUTTING MACHINE FOR CONSTRUCTION SITES

- **High-quality cutting unit**
for burr-free cutting
- **robust yet lightweight**
- **quickly removable feet**
- **rear carrying handle for**
easy transport



ZSV
Also available as a battery-powered version!

SERVICES

Planning | Maintenance | Financing | Training

At Schwartmanns, you get much more than just high-quality machines – you also receive a comprehensive service package. From free workshop planning and reliable online support to practical training courses at our academy, flexible financing solutions, regular maintenance and tailor-made spare parts packages. With our all-round carefree offer, we focus on partnership-based cooperation on an equal footing.



**Needs assessment and
project planning**



**Free workshop
planning**



**Financing and
leasing**



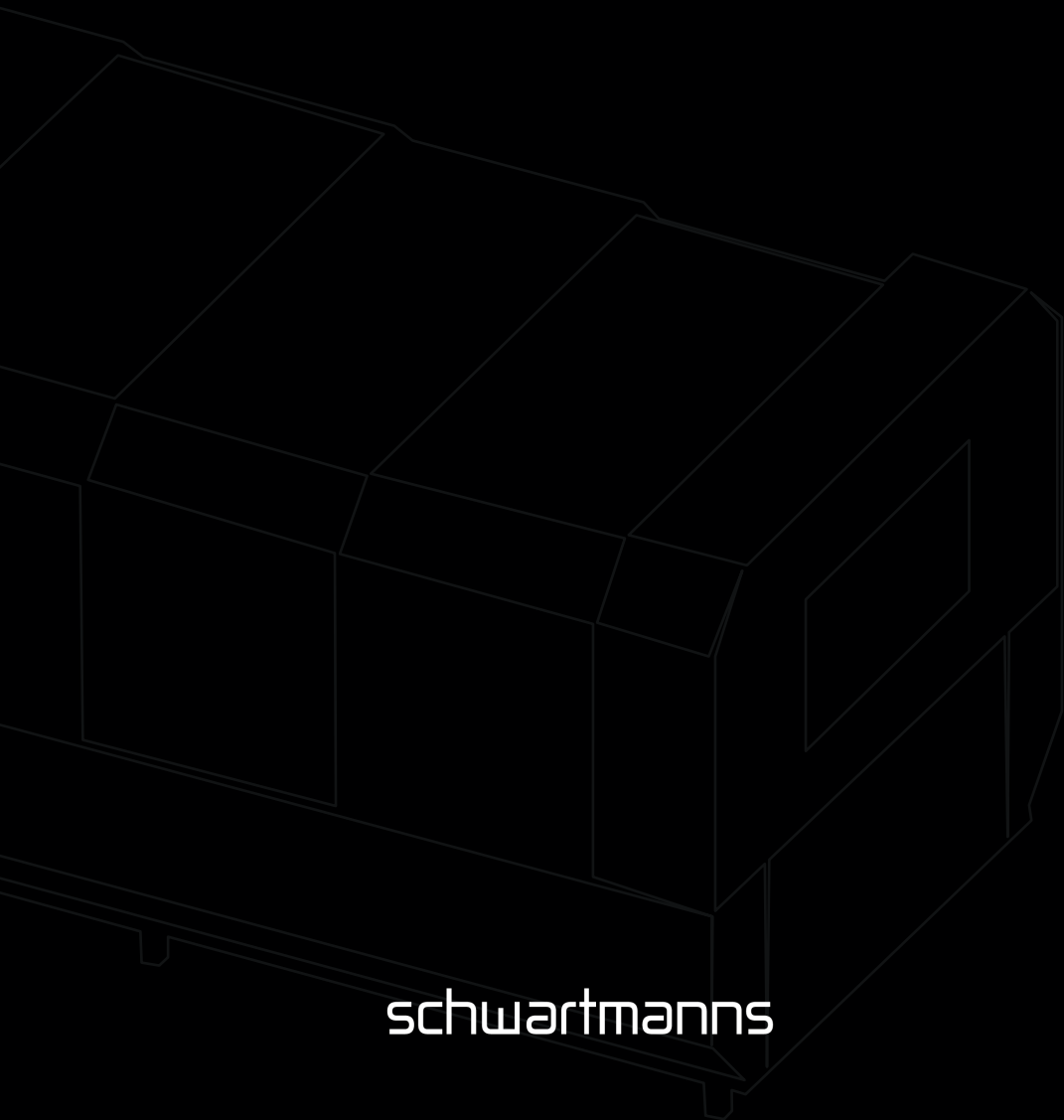
**Accessories and
spare parts service**



**Maintenance and repair
of machines from all
manufacturers**



**Installation and
commissioning**



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