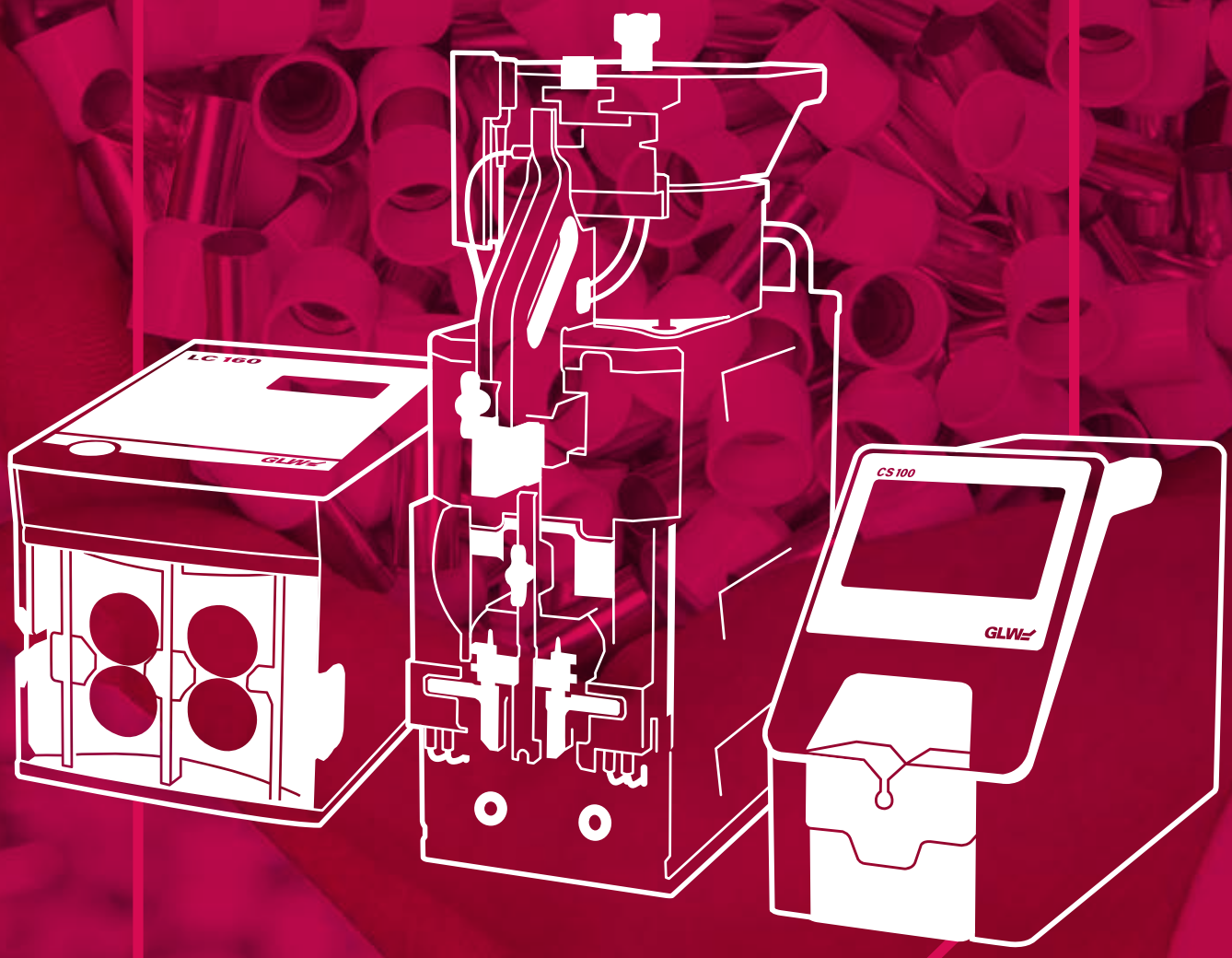
GLW
CRIMPING TECHNOLOGY

CRIMPING TECHNOLOGY

MADE IN GERMANY



glw.de

DEAR CUSTOMERS,



With a new edition of the GLW machine brochure, we would like to present you with an overview of all our wire processing machines.

With this brochure we show you the diversity and performance of our complete product range. Every innovation you discover here is the result of intensive development work, our striving for the highest quality and close dialog with you – our customers. All our products are Made in Germany and since 1986 your wishes and requirements have been the focus of all our efforts.

These products are designed for efficiency, reliability and sustainability, not only to give you a decisive competitive advantage, but also to contribute to future-oriented and responsible production. Especially in times when flexibility and adaptability are more important than ever before, we offer you solutions that keep pace with the challenges of our time and provide you with the best possible support for your projects.

We invite you to get to know our products and see our commitment and innovative strength for yourself. Our entire team is always available to answer your questions and work with you to find the best solutions for your specific requirements.

We thank you for your trust and look forward to working with you successfully into the future.

Yours sincerely from Kisslegg, Germany
The management and the entire GLW team

Florian Geier – Leonie Schelling – Felix Weiland



As a medium-sized family business, we at GLW attach great importance to independence. In order to be able to guarantee independence and planning security in the long term, particular attention is paid to vertical integration, organic growth and the expansion of expertise. We are deeply connected to the region and recognise our social responsibility.



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OUR HISTORY

Since 1986 we can look back on a few milestones...

1986

GLW foundation
The company GLW OHG is founded by Klaus Geier, Herbert Leonhardt and Bruno Weiland. The company develops a production line for insulated wire end ferrules and begin the production in a small garage.

1987

Start of the ferrules
Production of insulated ferrules starts after completion of the first line and the products are sold to domestic customers.



1989



GLW worldwide
GLW is renamed as a limited liability company (GmbH) and move to a new production hall in order to meet the growing demand and to be able to serve international markets.

1991



TWIN ferrule is invented
The invention of the TWIN ferrule makes it possible to accommodate two conductors in a single ferrule and this represents a safe electrical connection component.

1993

Automatic stripping and crimping
The market requires processing equipment for GLW wire end ferrules, which led to the development of devices.
The pneumatically operated AC manual pliers is developed first, followed by the MC 40 Stripping and Crimping Machine.



2010

40 employees
Within 24 years, the company is grown to 40 employees. Many of whom have been with GLW since the very beginning.

2014



Additional building
With an additional plant 2, GLW can further expand the Kisslegg site and create additional jobs in the region.

2018

Completion of plant 3
In the summer GLW complete the construction of the third plant in Kisslegg and move in. GLW have created more jobs and can further expand the production site.

2020

40,000 machines sold
With the various machines in the GLW product range for cutting, stripping and crimping, a total of 40,000 machines are sold worldwide.

2021

2nd generation of companies
With Leonie Schelling, Felix Weiland and Florian Geier taking over the management of the company, the family business is entering the next generation.



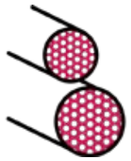
2023

GLW Asia + 100 employees
With the founding of GLW Asia, GLW create a local service hub for the Asian region. We also celebrate the recruitment of our 100th employee and complete successfully the ISO 9001 certification this year.

2026

We are celebrating our 40th anniversary
What began as a small start-up with three dedicated founders has developed over the decades into a successful second-generation family business. With a great deal of passion, a dash of courage and innovative spirit, an idea grew into a company that is now firmly established in the market.

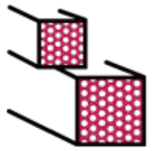
PRODUCT RANGE



CUTTING

Flexible and rigid conductors,
heatshrink and plastic tubing,
wiring ducts and support rails.

LC 160 Cutting Machine
LC 160 SL Tube Cutting Machine
DC 125 Wiring Duct Cutter
RC 200 DIN Rail Cutter
RC 300 DIN Rail Cutter
DR 30 Cable Dereeler



CRIMPING

Wire end ferrules, cable lugs,
flat receptacles turnes contacts,
roll crimp contacts.

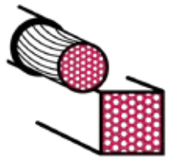
PEC 40 Crimping Station
EC 65 Electric Crimper
PC 65 Pneumatic Crimper
TF 65 Feeding Unit
AC Pneumatic Crimper



STRIPPING

Flexible and rigid conductors

CS 60 Wire Stripper
CS 100 Wire Stripper



STRIPPING & CRIMPING

Insulating and connecting in
one single step.

MC 40-1 Stripping and Crimping Machine
MC 40L Stripping and Crimping Machine
MC 25 Stripping and Crimping Machine

MADE IN GERMANY

CRIMPING TECHNOLOGY Made in Germany – quality you can rely on!

GLW stands for genuine workmanship. Since our foundation in 1986, we have consistently focused on the production and development of our products in Germany. For us, “Made in Germany” is not just a seal of quality, but a promise! We combine maximum precision and reliability, state-of-the-art technologies and the know-how of experienced specialists to supply you with products that meet the highest standards.

For us, quality assurance begins as early as the product development stage and continues through every stage of production. Thanks to our location in Germany, we can guarantee that our products are manufactured to the strictest quality standards and with sustainability and environmental protection in mind. Our customers around the world value this reliability and the high performance of our solutions.

For us, “Made in Germany” also means a commitment to continuous development. Innovation and technical progress are part of our DNA - this is the only way we can ensure that our products offer decisive added value not only today, but also in the future.

We are proud to be part of German industry and are deeply connected to the region. We are aware of our social responsibility and make our contribution to the international reputation of Germany as a quality location.





FROM HERE TO THE WORLD

Products made by GLW mean quality and innovation combined.
Our products are sold in over 40 countries.

GLW – your partner for unlimited success!

LC 160

CUTTING MACHINE 0.08 – 16 mm²



Cutting wires has never been this easy! The **LC 160** is user-friendly and requires no technical expertise. Simply position your cable and start the device. The device greatly reduces the processing time and also increases the processing quality. A better result in less time!

- Processing of larger cross-section range
- Automatic cross-section adjustment
- Programmable cutting processes
- High measuring accuracy
- Increased future security



RB 100

CROSS SECTION **mm²**	0.08 – 16
MAX. CABLE DIAMETER **mm**	9.5
MEASURING LENGTH **mm – m**	2 – 1000
FEED SPEED **m/sec**	0.04 – 0.5
PART NO.	013885

LC 160 DATASHEET

LC 160 SL

TUBE CUTTING MACHINE up to Ø 10 mm

Cutting hoses has never been so easy! The **LC 160 SL** is user-friendly and requires no technical knowledge. Simply position your hose, activate the device and benefit device and benefit from our automatic cutting machine.



- Special single-blade system
- Highest processing quality
- Gentle material guidance
- Optional rubberized drive and measuring rollers
- Multifaceted for a wide range of tube materials
- Automated process



RB 100

MAX. HOSE DIAMETER **mm**	9.5
MEASURING LENGTH **mm – m**	2 – 1000
FEED SPEED **m/sec**	0.04 – 0.5
PART NO.	013888

LC 160 SL DATASHEET

DC 125

WIRING DUCT CUTTER



The **DC 125** enables fast, precise and burr-free cutting of wiring ducts, without leaving chips behind. It enables low-noise and emission-free working. The scale with length stop ensures the wiring ducts are cut to length quickly and with millimetre precision. Thanks to the blade guard and dynamic cam drive, the **DC 125** cuts wiring ducts safely with very little effort.

- Clean, burr-free cuts
- Chip-free separation
- Effortless operation
- Mulitfaceted use for different duct sizes and materials
- Robust construction



Blade protection



Lenght stop

CUTTING WIDTH **mm**	125
GAUGE LENGTH **mm**	1000
UNIT OF MEASUREMENT	mm (inch on request)
CUTTING BLADE	Hardened
DIMENSIONS (L x W x H) **mm/"**	1290 x 290 x 760 50.8 x 11.5 x 30
WEIGHT **kg/lbs**	10.5 / 23.2
PART NO.	006176

DC 125 DATASHEED

RC 200

DIN RAIL CUTTER

The **RC 200** enables precise, burr-free cutting of mounting rails with little effort – and without leaving chips behind. The cut edges are precisely angled – so no rework is necessary. The **RC 200** works silently and guarantees maximum work-place safety. The dimension rail with length stop ensures the mounting rails are cut to length quickly and with millimetre precision. Thanks to the easily removable length stop and wide range of mounting options, the compact **RC 200** is a mobile device that is ideal for frequently changing workplaces.



- Lightweight – for mobile use
- Flexible fastening
- Cutting to length without waste
- Safety at the workplace
- Burr-free and precise cuts
- Quiet and clean
- Easy to use
- Maintenance-free – No costly servicing or spare parts required



PROFILES EN 60715	TH 35 – 15 TH 35 – 7.5
MAX. GAUGE LENGHT **mm/"**	1000 /39.4 (scale optional)
UNIT OF MEASUREMENT	mm (inch optional)
CUTTING PLATE	Hardened
DIMENSIONS (L x W x H) **mm/"**	77 x 212 x 610 3.03 x 8.35 x 24.02
WEIGHT **kg/lb.**	4 / 8.8
PART NO.	008328

RC 200 DATASHEED

RC 300

DIN RAIL CUTTER



The **RC 300** enables precise, burr-free cutting of mounting rails with little effort – and without leaving chips behind. The cut edges are precisely angled – so no rework is necessary. The **RC 300** works silently and guarantees maximum workplace safety.
The dimension rail with length stop ensures the mounting rails are cut to length quickly and with millimetre precision. The solid cutting body ensures excellent cutting performance over many years.

- Cutting to length without waste
- Safety in the work-place
- Burr-free and precise cuts
- Quiet and clean
- Easy to use
- Maintenance-free – No costly servicing or spare parts necessary
- Robust construction for continuous use



PROFILES EN 60715	TH 35-15 x 1.5 TH 35-7.5 T 15-5 x 5.5 NLS-CU 3/10
GAUGE LENGHT **mm/"**	1000 / 39.4
UNIT OF MEA-SUREMENT	mm (inch optional)
CUTTING PLATE	Hardened
DIMENSIONS (L x W x H) **mm/"**	1090 x 150 x 760 42.9 x 5.9 x 30
WEIGHT **kg/lbs**	8.3 / 18.3
PART NO.	006239

RC 300 DATASHEET

DR 30

CABLE DEREELER

The **DR 30** cable dispenser increases the productivity of cut-to-length machines, makes it easier to unwind cable rings and spools and reliably prevents twisting and knotting. Spring-loaded deflection rollers ensure smooth acceleration and braking, which guarantees gentle and efficient cable processing.



- Prevents cable twisting and knotting
- Integrated brake
- No motor required
- Quick assembly
- Cost-effective solution

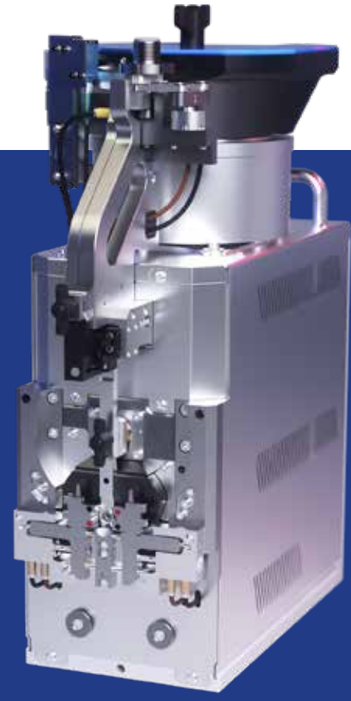


ROTARY PLATE **mm**	300
CABLE COIL HUB **mm**	ø 80 – 170
OUTER COIL DIMENSION **mm**	Max. ø 260
COIL HEIGHT **mm**	Max. 120
COIL WEIGHT **kg**	Max. 7
DIMENSIONS (L x W x H) **mm/"**	420 x 380 x 200 16.5 x 15 x 7.9
WEIGHT **kg/lbs**	2 / 4.4
PART NO.	006180

DR 30 DATASHEET

PEC 40

CRIMPING STATION 0.5 – 4 mm²



Conquer the future of crimping with **PEC 40** – The ultimate speed champion! Dive into a new era of precision and speed with the **PEC 40**, the fastest crimper for loose ferrules in the world that doesn't compromise on quality!

- The world's fastest crimper for loose ferrules!
- Tool-free setup – Lightning-fast changeover for maximum availability
- Square crimping jaws – For precise, high-quality crimp connections
- Quick and easy tool changes
- Integrated sensors – Pressure and displacement sensors for perfect processing
- Large feed bowl
- Color-coded change parts
- Tool kits clearly stored in cases



CROSS SECTION **mm²**	0.5 – 4
FERRULE LENGTH **mm**	6 – 12
CRIMP SHAPE	Square
PROCESSING TIME **PIECES PER HOUR**	Up to 3200
PART NO.	011368

PEC 40 DATASHEET

EC 65

ELECTRIC CRIMPER

The **EC 65** electric crimper enables flexible and precise crimping without compressed air. With easily interchangeable crimp dies, positioning aids and integrated crimp cycle monitoring, it offers a wide range of applications. Thanks to its low weight and carrying handle, it is mobile and easy to handle.



- Flexible crimping of a wide range of contacts
- Works without compressed air
- Simple change of crimping dies
- Mobile use – Thanks to carrying handle and compact design
- Leightweight
- Large selection of crimping dies – over 60 standard dies and over 500 special solutions available
- Simple operation thanks to positioning aids
- Integrated crimp-cycle monitoring



PRESS CAPACITY **kN**	10
CYCLE TIME **sec**	1
POWER SUPPLY **VAC**	230 (120)
POWER CONSUMPTION **VA**	160
DIMENSIONS (L x W x H) **mm/"**	320 x 140 x 220 12.6 x 5.5 x 8.7
WEIGHT **kg/lbs**	10 / 22
COUNTER	6-digit
PART NO. **(120V)**	006185 (006186)

EC 65 DATASHEET

PC 65

PNEUMATIC CRIMPER



The **PC 65** pneumatic crimper combines a compact design with high performance and easy handling. Thanks to a large selection of crimp dies and positioning aids, it enables precise and effortless crimping. The optimized compressed air control also ensures low energy costs and efficient operation.

- Powerful crimping
- Easy handling
- Large selection of crimping dies
- Quick die change
- Low energy costs
- Integrated sensors
- Error messages on the display
- Memory function for recurring settings
- Can be optionally combined with the TF 65 feed unit



PRESS CAPACITY **kN**	15
POWER SUPPLY **VAC/Hz**	110 – 240 / 50 – 60
COMPRESSED AIR SUPPLY **bar/MPa**	5 / 0.5
WEIGHT **kg/lbs**	10 / 22
DIMENSIONS (L x W x H) **mm/"**	320 x 222 x 140 12.6 x 8.7 x 5.5
PART NO.	008588

PC 65 DATASHEET

TF 65

FEEDING UNIT



The **TF 65** feeder unit expands the PC 65 pneumatic crimper into a flexible and efficient solution for processing insulated contacts. This extension enables significant time savings compared to conventional manual crimpers and at the same time ensures high-quality processing. Thanks to the precise positioning of the contact, the **TF 65** offers a high level of process reliability and ensures consistently reliable results.

- Flexible extension of the PC 65
- Significant time saving – Faster than manual crimping tools
- High-quality processing
- Maximum process reliability
- Cost-efficient
- Universally applicable – Easy switching between feeding and single terminal processing



CROSS SECTION **mm²**	0.5 – 6
CYCLE TIME **SEC**	< 2
WEIGHT **KG**	2.6
DIMENSIONS (L x W x H) (COIL HOLDER EXTENDED) **mm/"**	387 x 422 x 418 15.2 x 16.6 x 16.5
PART NO.	010537

TF 65 DATASHEET

AC CRIMPER

PNEUMATIC CRIMPER



The pneumatic crimping machines process wire-end ferrules quickly and efficiently.
The **AC hand-held devices** are both compact and light-weight. They are therefore perfectly suited to the field of control-cabinet construction. The **AC desktop models** are triggered via a foot switch. Both of the operator's hands are thus free to apply the wire-end ferrules to the conductors. The devices are maintenance-free and guarantee a safe crimping process.

- Effortless processing
- Ergonomic alternative to manual pliers
- Compact and light-weight
- Easy handling
- Maintenance-free – Minimal operating costs
- Cost-efficient solution – Higher efficiency with low investment costs
- Flexible cable entry (AC 25)

WEIGHT DIMENSIONS **g, mm** HAND-HELD VERSION	400 ø 44 x 200
WEIGHT DIMENSIONS **g, mm** DESKTOP VERSION	1000 ø 140 x 200 x 70
COMPRESSED AIR SUPPLY **bar/MPa**	5 bar / 0.5 MPa
CRIMP WIDTH **mm**	12 mm
SPIRAL HOSE LENGTH **m**	2 m
PART NO.	005993 - AC 25 005996 - AC 40 005991 - AC 100 005994 - AC 25T 005997 - AC 40T 005992 - AC 100T

AC CRIMPER DATASHEET

CS 60

WIRE STRIPPER 0.08 – 6 mm²

The **CS 60** electric wire stripper is easy and intuitive to operate. The entered values are clearly visualised on the display. The cross-section and stripping length can be adjusted in seconds, making the **CS 60** ideal for small series applications. The short insertion length and visible working area enable fast and fatigue-free working. The clamping force is automatically adapted to the cable cross-section. This avoids pressure points on sensitive areas of the insulation.



- Efficient stripping of cables and strands
- Fast settings
- Full and partial stripping possible
- Automatic clamping force adjustment
- V-blade for all common cable types
- Compact & mobile
- Fast cycle time of only 0.3 seconds – Maximum efficiency



CROSS SECTION **mm²/AWG**	0.08 – 6 / 28 – 10
MAX. CABLE DIAMETER **mm**	6
STRIPPING LENGTH PARTIAL STRIPPING LENGTH **mm**	2 – 20
FEED-IN + STRIP-PING LENGTH **mm**	15 + X
CYCLE TIME (FULL STRIP) **sec**	0.3
STRIPPING BLADE	V shape
POWER SUPPLY **VAC**	230 (120)
DIMENSIONS (L x W x H) **mm/"**	363 x 141 x 221 14.3 x 5.6 x 8.7
WEIGHT **kg/lbs**	9.5 / 21
PART NO.	006161 (120 V - 006162)

CS 60 DATASHEET

CS 100

WIRE STRIPPER 0,08 – 10 mm²



Fast and precise stripping! No more manual wire stripping! Say goodbye to time-consuming and tedious work. **CS 100** WIRE STRIPPING MACHINE is here to revolutionize your stripping experience.

- Simple operation via touchscreen
- Fast processing
- Full and partial trigger
- Extended memory functions
- Operating lock (lock mode)
- Illuminated work area
- Barcode scanner (optional)
- High-quality design

CROSS SECTION **mm²/AWG**	0.08 – 10 / 28 – 8
MAX. CABLE DIAMETER **mm**	6
STRIPPING LENGTH **mm**	2 – 20
PARTIAL STRIPPING LENGTH **mm**	1 – 20
CYCLE TIME (FULL STRIP) **sec**	0.3
STRIPPING BLADE	V shape, round blade (optional), flat blade (optional)
PART NO.	012505

CS 100 DATASHEET →

MC 40-1

STRIPPING AND CRIMPING MACHINE 0.5 – 1.5 mm²
(optional 0.25 – 4 mm²)

The electro-pneumatic stripping and crimping machine **MC 40-1** reliably process loose wire-end ferrules with plastic collars. The **MC 40-1** is equipped as standard with crimping tools with cross-sections of 0.5-1.5 mm². Optional tool kits are available for cross-sections 0.25-0.34/2.5/4 mm² and AWG conductors (thick insulation). The machine can be adjusted to the desired cross-section and crimping length in just a few simple steps. Stripping and crimping takes place in a single work step. When the crimping dies are changed, all variable parameters are automatically set correctly.



- Stripping and crimping in one work step
- The world's fastest device!
- Cost savings by processing loose ferrules
- Processes over 40 different ferrules
- Fast cross-section change
- Optional: square crimping jaws
- Length adjustment in just a few seconds
- UL certification

CROSS SECTION **mm²**	0.5 – 1.5
CRIMP LENGTH **mm**	6 – 12
TOOL KITS **mm²**	0.25 / 2.5 / 4
CYCLE TIME **sec**	1.2
SPEED UP CYCLE TIME **sec**	0.8
POWER SUPPLY **VAC/Hz**	110 – 240 / 50 – 60
COMPRESSED AIR SUPPLY **bar/MPa**	5.5 / 0.55
DIMENSIONS (L X W X H) **mm/"**	550 x 250 x 412 21.7 x 9.8 x 16.2
WEIGHT **kg/lbs**	29 / 64
PART NO.	006218

← **MC 40-1 DATASHEET**

MC 40L

STRIPPING AND CRIMPING MACHINE 4 – 10 mm²



The electro-pneumatic automatic stripping **MC 40L** and crimping machine is the ideal solution for efficient wire processing. With its ability to combine stripping and crimping in a single work step, the device enables significant time savings and increases productivity in cable assembly for larger cross sections.
The **MC 40L** makes wire processing easier, faster and more cost-effective – perfect for applications in the electrical industry, automotive engineering or electronics production.

- Ideal for large cross-sections
- Stripping and crimping in one step
- Reduces effort and manual errors
- Quick cross-section change
- Length adjustment in just a few seconds
- Robust and durable design
- UL certification



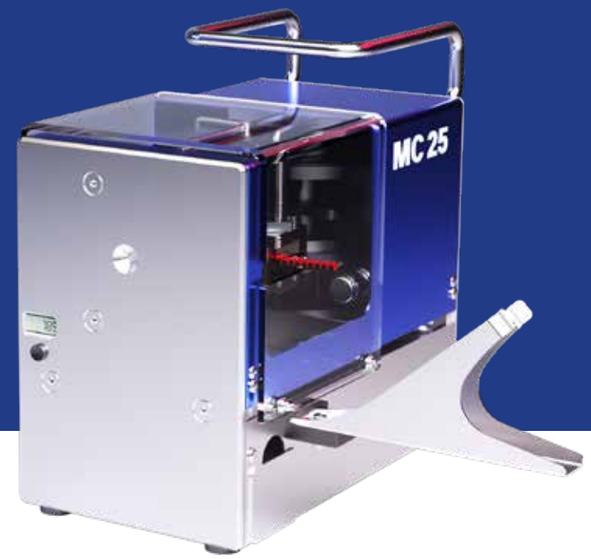
CROSS SECTION **mm²**	4 – 10
CRIMP LENGTH **mm**	to 12
CYCLE TIME **sec**	1.5
POWER SUPPLY **VAC/Hz**	110 – 240 / 50 – 60
COMPRESSED AIR SUPPLY **bar/MPa**	6 / 0.6
DIMENSIONS (L x W x H) **mm/"**	550 x 250 x 412 21.7 x 9.8 x 16.2
WEIGHT **kg/lbs**	29 / 64
PART NO.	006222

MC 40 L DATASHEET

MC 25

STRIPPING AND CRIMPING MACHINE 0.5 – 2.5 mm²

The **MC 25** is a compact, electric automatic stripping and crimping machine for wire end ferrules in strip form. It enables stripping and crimping in a single step, offers easy handling, fast cross-section changes and operates quietly. Thanks to its compact design, it is mobile and reliable.



- Stripping and crimping in one step
- Quick cross-section change
- Processing of ferrules in strip form
- Energy-saving
- Easy handling
- Compact design
- Low-noise operation
- High reliability
- UL certification



CROSS SECTION **mm²/AWG**	0.5 – 2.5 / 24 – 14 (optional 0.25 / 0.34)
CRIMPING LENGTH **mm**	8
CYCLE TIME **sec**	1.5
COUNTER	6-digit
POWER SUPPLY **VAC/Hz**	120 / 60
DIMENSIONS (L X W X H) **mm/"**	165 x 270 x 320 6.5 x 10.6 x 12.6
WEIGHT **kg/lbs**	12 / 27
PART NO. **(120 V)**	006208 (006213)

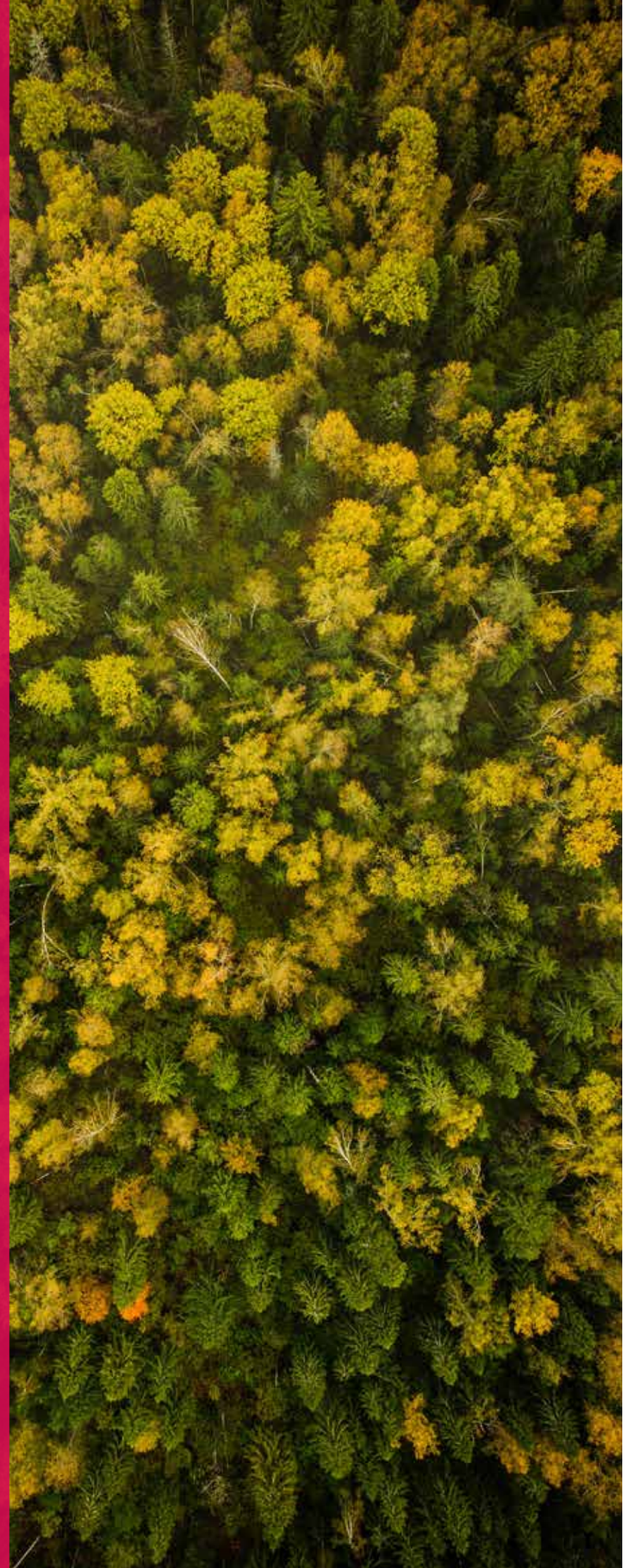
MC 25 DATASHEET

CO_2footprint

A company's CO_2 emissions measure the total greenhouse gas emissions caused directly or indirectly by its activities. This includes emissions from energy consumption, transportation, production, but also business travel and the entire supply chain. A low carbon footprint is crucial to combating climate change and promoting sustainable business models.

We at GLW...

are therefore trying to significantly reduce our footprint and keep it as low as possible through energy efficiency, the use of renewable energies and environmentally friendly logistics strategies. In recent years, we have implemented many small but also some larger projects to make this possible step by step. A small practical example of this would be the use of warm air from our compressors and ventilation systems. With the help of modern recovery options, we utilize this heat and use it for our heating system. One of many steps in the right direction...



In-house photovoltaic system

Our in-house photovoltaic systems convert sunlight directly into electrical energy without generating greenhouse gases and thus produce clean electricity. This enables us to generate over 130 MWh and use it directly for our production. For us at GLW, this is an important part of our sustainability strategy and a future-proof solution for of energy generation, which strengthens our ecological profile as well as our economic stability.

New machines for our environment

In today's world, reducing CO_2 emissions is not only a question of ecological responsibility, but also a decisive factor for the future of our economy and society. Modern machines play a central role in this endeavor and offer numerous opportunities to reduce emissions and increase efficiency at the same time.
For example, we have already replaced a large proportion of our injection molding machines with fully electric machines in order to help reduce CO_2 emissions. Another step towards creating a more sustainable future together.









Sustainable mobility strategy

Almost all of our GLW company vehicles are electric cars and are powered by our own green electricity, which further reduces their ecological footprint. Cycling is an even more environmentally friendly alternative, as it causes no emissions and also offers health benefits. That's why we proactively promote this point with a co-financed job bike and take part in regional events such as city cycling. The combination of both means of transportation can represent a sustainable mobility strategy. Since summer 2025, all of our electricity is converted to 100% green electricity. In doing so, we are taking another step towards climate protection and helping to improve the quality of life in urban areas. At GLW, we want to continue to promote both electromobility and cycling and make sustainable transportation even more attractive.

Certified

The globally renowned rating company Ecovadis awarded GLW's sustainable commitment with commited status in 2024. The content is based on ISO 26000, the guidelines on social responsibility and various reporting standards. EcoVadis is an international assessment platform for determining sustainability along the entire supply chain with the aim of creating more transparency between business partners. We are delighted to have received this valuable award for the first time and will continue to develop in the direction of sustainability in the future. If you have any further questions about the report, please do not hesitate to contact us directly.



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