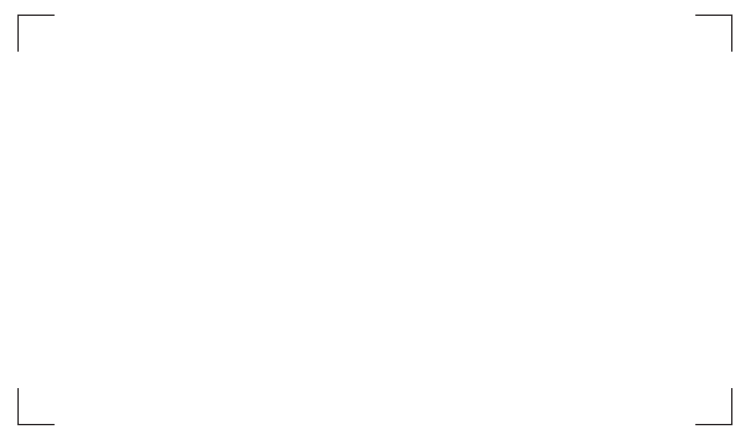




Strong brands for your success:



Gustav Klauke GmbH
 Auf dem Knapp 46
 D-42855 Remscheid
 Phone: +49 (0) 2191 / 907 - 442
 Fax: +49 (0) 2191 / 907 - 251
 E-mail: tools@klauke.textron.com
 Internet: www.klauke.com



Subject to change without prior notice. KATHAUPSTAN09GB 500 05/09 1



CATALOGUE 2009

Pressing tools and accessories for plumbing and heating installations



Verbindungen mit **System**
 The **Power** of Partnership





Dear business friend,

Time and time again, people ask us how our tools have become so widespread on the market and how our developments sit so close to the pulse of time. The answer is easy:

- ✓ Because we work closely with the system suppliers.
- ✓ Because we have gained immense expertise over some 130 years.
- ✓ And because we see your requirements as first priority.

All this makes us who we are today: A worldwide leading manufacturer of pressing tools in the plumbing and heating technology sector.

You will find our new products in this catalogue. It also contains valuable information on pressing machines, jaws and chains for diverse connection systems.

And there's more: The following pages will show you what the Klauke company stands for and describes the benefits of our high product quality.

Enjoy reading your Klauke catalogue of plumbing products.

Yours sincerely
Klauke Plumbing Team

Gustav Klauke GmbH
Auf dem Knapp 46 · D-42855 Remscheid
P.O. Box 10 05 22 · D-42805 Remscheid
Phone: +49 (0) 2191 / 907 442 · Fax: +49 (0) 2191 / 907 - 251
E-mail: tools@klauke.textron.com · Internet: www.klauke.com

Verbindungen mit **System**
The **Power** of Partnership

www.klauke.com

Your Klauke catalogue for electrical connection technology.

Klauke products for the electrical industry are available only from specialist dealers. The relevant sales addresses – as well as the link to order your Klauke catalogue of electrical products – can be found on the Internet at www.klauke.com

HAUPTKATALOG
Elektrische Verbindungstechnik
Werkzeuge und Messgeräte

Verbindungen mit **System**
The **Power** of Partnership

Klauke
A Textron Company

Klauke sets benchmarks.

- | | | |
|------------------------------|------------------------------|---------------------------|
| Weight | Nominal size | Autostop |
| Dimensions | Linear thrust | 2-component housing |
| Pressings per battery charge | Li-Ion battery | Workplace illumination |
| Charging time | NiMH battery | LED maintenance indicator |
| 2-segment pressing | Rotating pressing jaw holder | Audible signal |
| 4-segment pressing | Automatic retraction | Hydraulic Pressure Check |
| | Quick stop | |

Contents

Klauke[®]
A Textron Company

NEW



Klauke ASC[®]
Authorised Service Center

A Textron Group Company.	4
Certified for quality and the environment.	5
In touch with your requirements.	6
Always in good hands.	7
The latest technology for top quality.	8
Optimised worldwide service.	9

■ ***i-press***[®] 10-13

■ **Hydraulic pressing tools** 14-39

Radial

i-press[®]*mini* 14-15

MAP1 16-17

i-press[®]*medium* 18-19

UAP2 20-21

UNP2 22-23

i-press[®]*medium*⁺ 24-25

i-press[®]*big* 26-27

HPU2 28-29

Pressing profiles 30-33

Pressing jaws, universal jaws, interchangeable dies 34-35

Pressing chains 36-37

Axial

i-press[®]*axial* 38-39

■ **Manual pressing tools** 40-41

MP32 40

MP20 41

■ **Accessories** 42-43

Uncoiler/pipe dressing tool 42

De-burring tools 42

Battery chargers 43

Spare batteries 43

Mains units 43

■ **Worldwide service** 46-47

■ **System partners** 48-49

■ **Klauke expertise** 50

■ **Signs and symbols** 51

Klauke, a Textron Group Company – and your partner.

We use best matched products and services to create pioneering solutions for trade and industry all over the world. Both as Klauke in its own right, as well as in collaboration with the technology Group Textron.

Familiar with the market for 130 years.

Since being established in 1879, we have been committed to systematically developing and producing innovative, user-oriented solutions. Our origin lies in the traditions of tool production in our region; the focus being on watch-making tools. By the end of the 1950s, we were specialising in cable lugs for the electrical industry and tools for solderless pressing technology.

Since 1994, we have also been applying our knowledge to plumbing and heating technology and are the world's leading manufacturer of pressing tools.

We meet your requirements backed by our 600-strong highly trained team. Every year, over 30 hours of training and development per worker qualify our team to apply rationalisation potentials using SIX SIGMA and Lean Management methodologies.

Our consistent progress is set apart by future-oriented investment in personnel, production, development and service. This guarantees first-class processes, professional quality and unprecedented customer-satisfaction.



TEXTRON





Certified for quality and the environment.

Klauke for enhanced safety and optimised standards.

For us, just meeting the standard is not enough. In terms of safety, user friendly application and robustness, all Klauke products comply with the highest specifications and perform in excess of the standards required. We are certified to DIN ISO 9001. Our products comply with international approvals.

We purchase only raw materials and components that guarantee first-class quality. And to guarantee that, we work long-term with carefully chosen suppliers. Stringent monitoring procedures and thorough quality inspections at every step of the manufacturing process ensure our high standards are consistently maintained. Our customers depend on it – and so they should: We guarantee maximum safety and optimised comfort in the application of our products.

Environmental issues also play a crucial role. Our company is Ecoprofit (“ECOLOGICAL PROject For Integrated Environmental Technology”) certified and excels through its especially pro-environmental processes.



In touch with your requirements.



Klauke: Your partner in all phases.

As a partner to the system suppliers, as well as to the installer, Klauke offers an unrivalled service package: Advising customers on the market launch of new systems, developing, manufacturing and maintaining the tools concerned, testing connections - everything under one-roof. Become a Klauke partner and benefit from unparalleled expertise in the field of solderless connection technology for heating and plumbing installations.

We integrate closely with the market to make sure we can react swiftly to changes and influence these changes wherever we can. With Klauke as your partner, you will always have state-of-the-art technology, guaranteeing optimised safety for both the planning and use of the system.

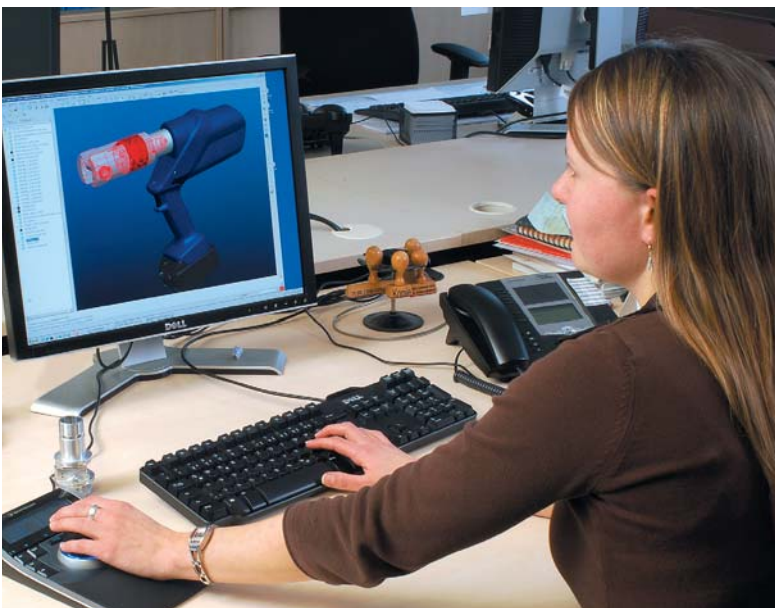
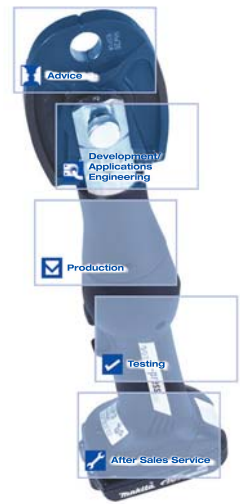
Always in good hands.

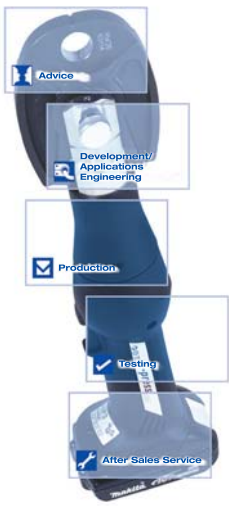
Our sales force at your service.

Some 50 years of experience in solder-free connection systems and close partnerships with over 150 system suppliers have made us a force to be reckoned with all over the world in the pressing tool and accessory sector. Our plumbing team is close to our products' users and keeps abreast of both market developments and the needs of system suppliers and installation engineers. Skilled employees offer you the advice you need over the phone or on-site. We also develop solutions for specific enquiries from system suppliers and continuously improve our products in discussion with users.

Individual development and design.

In parallel with the development projects for system suppliers, we design prototypes of the pressing tools concerned and test them together with the system suppliers in our own test laboratories. This ensures that Klauke tools are also available for use by professionals as soon as the new systems are ready for market launch.





The latest technology for top quality.

State-of-the-art production.

As well as carefully selecting top-quality raw materials and components, we take care to ensure optimised precision in the manufacturing processes. The latest CNC machines guarantee precision manufacturing for all tool components. Our facility in Germany enables great production depth, offering our customers the benefit of swift modification in line with need or product changes.

Using the latest methods in manufacture and logistics guarantees an optimised added-value process. This ensures top quality, low costs and adequate availability.



Our application engineers are at your service.

Our proprietary application systems and test laboratory leave no stone unturned. We are able to conduct country-specific system pre-tests for the system suppliers. We are your competent partner, from sectional images, material analyses on pressings through to high-temperature tests (VP614). At your service - by telephone or on the spot. Either way, you can depend on the experience of our application engineers.





Optimised worldwide service.

Your tool is in good hands.

The Service Center in Remscheid and the authorised Service Centers (ASC) offer you comprehensive technical support for our tools.

Starting with a tool hotline for maintenance and repair service through to a hire service.

We provide this service all over the world.

We do everything we can to make sure your tools remain fully functional – or, upon request, provide you with alternatives.

Our national and international partners' expertise and equipment always conform to the latest standards. Contact data for all our national and international service partners can be found in the annexe on page 44.

- ✓ Repair and maintenance service through the **Service Centers.**
- ✓ Complete maintenance with annual inspection.
- ✓ Fast, uncomplicated **tool hire service for all standard tools.**



Klauke ASC
Authorised Service Center

International phone
 +49 (0) 21 91 / 907 - 242

Fax Service Center
 +49 (0) 21 91 / 907 - 243

E-mail
 service@klauke.textron.com

*intelligent **press** technology*

i-press[®]

The new generation of Klauke pressing tools.





***i**-press[®]*

Intelligent solutions for efficient pressing technology.

How the new innovations of the *i*-press[®] tool generation benefit you.

Improved ergonomics and comfort.

The newly designed tools of the *i*-press[®] machine generation have been completely revised, both technically and ergonomically. The 2-component plastic housing with soft inlay gives the feeling of a pleasant, secure grip, prevents slipping and avoids pressure points in the grip area. The optimised centre of gravity makes work effortless - even when continuously assembling overhead.



Optimum illumination.

The new, integrated workplace illumination for *i*-press[®] tools makes it easier to identify the pressing location and mount the pressing jaw on the correct fittings in difficult light conditions. This means guaranteed reliable pressing and higher efficiency at all times, even under difficult conditions.



Reliably monitored pressing: Hydraulic Pressure Check.

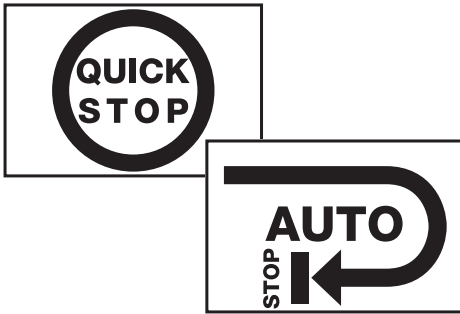
Hydraulic Pressure Check, HPC for short, monitors the oil pressure in the tool's oil circuit, hence ensuring a continuous, consistent press quality.

During each pressing cycle, the achieved pressing pressure is determined by a pressure sensor and compared to the required minimum value. An audible warning signal sounds if the achieved pressure differs from the specified working pressure. The user will know immediately that the corresponding pressing location must be checked and repressed or replaced as required. If three consecutive pressings occur outside the required pressure range, the tools switch off automatically and must be sent in for service. This additional safety function has been requested by our customers and system partners, offering more safety as you work.





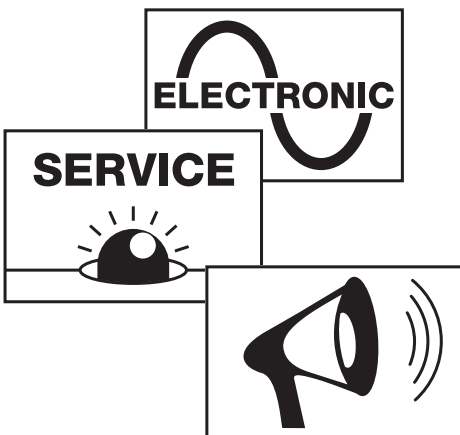
i-press®



Immediate stop as required and after use.

Should unclear situations occur during a pressing operation, use of an incorrect fitting or incorrect pressing jaw for example, the immediate “Quickstop” function on the motor permits a swift reaction. As soon as the push button is released, the tool comes to an immediate standstill – without even the slightest follow-up movement – so that the user can make the necessary corrections without delay.

The “Autostop” after pressing tells the user that the pressing operation has finished. This function also reduces tool wear and prolongs battery life.



Electronic control for optimum benefit.

The *i*-press® machine generation is equipped with a robust, construction site standard electronic system. This system provides the user with all important information on machine status, pressing result and battery power.

The information is output via a light diode or an audible signal:

When 20% battery power remains:	visual LED signal
Service notification:	visual LED signal
Pressure deviation:	audible signal, buzzer

Key data such as the tool's year of manufacture, serial number, revision status of the integrated machine parts, number of pressing cycles and the last or next service are also evident for our Service Center, hence guaranteeing the best possible service result.



Pro-environmental high-quality synthetic oils for optimum functionality.

And not only have technology and electronics been completely revised - closer attention has also been paid to environmental issues: Klauke uses exclusively synthetic hydraulic oils in its new tools. These oils are highly bio-degradable and harmless to water. Furthermore, these hydraulic oils are tested to the most stringent standards and are available worldwide.

Our new tools:



i-press[®]*mini*

MAP2L



i-press[®]*medium*

UAP3L



i-press[®]*medium* +

UAP4L



i-press[®]*big*

UAP100L



i-press[®]*axial*

MAPAXL

Radial



Flexible and cost-effective

thanks to interchangeable Klauke Mini pressing jaws

***i*-press[®]_{mini} MAP2L**

**Battery-powered pressing tool
18 V/1.5 Ah with constant thrust for
system-related nominal sizes to 32 mm**

Compact design for **optimum access** to the installation

Effortless working thanks to low weight and ergonomic design

Secure grip due to innovative **2-component housing**

Easy **1-handed** operation

High-quality, powerful Makita Li-Ion technology for **lasting, battery-powered pressing**



Tool information shown via **LED display**



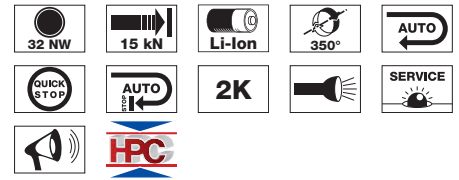
Illumination for working safely

Special features and benefits

- ✓ Very quick pressing thanks to short pressing cycle of 3-4 seconds
- ✓ Very high safety factor based on "Quickstop" function
- ✓ Precise pressing force thanks to HPC pressure monitoring with audible signal
- ✓ Extremely short charging time of just 15 minutes (1.5 Ah)
- ✓ Pressing jaws compatible with MAP1 tool
- ✓ Long battery and tool service-life thanks to "Autostop" after the pressing operation
- ✓ Time saved when multiple pressing by means of automatic piston return
- ✓ Makita *i*-press[®] batteries and chargers available worldwide

i-press[®]_{mini}

MAP2L



Applications

Stainless steel, steel	max. NS22* (NS28 upon request)
Copper, copper alloys	max. NS28*
Multi-layer composite pipe	max. NS32*
PEX pipe	max. NS32*

*These values are system-related.
Please contact your system supplier for binding information.



Technical data

	Machine weight: without jaw 1.7 kg incl. jaw 2.3 kg
	Dimensions (L x W x H): 377 x 75 x 116 mm
	Pressings per battery charge: 1.5 Ah approx. 150 (for NS20) 3.0 Ah approx. 300 (for NS20)
	Charging time: 1.5 Ah 15 min. 3.0 Ah 22 min.
	approx. 350° rotating pressing jaw holder
	High-power Makita 1.5 Ah Li-Ion battery (3.0 Ah optional)
	Linear thrust of approx. 15 kN

Scope of supply

Rigid plastic case with battery and charger
Tool and case available with customised labelling (optional extra)
Country-specific chargers available

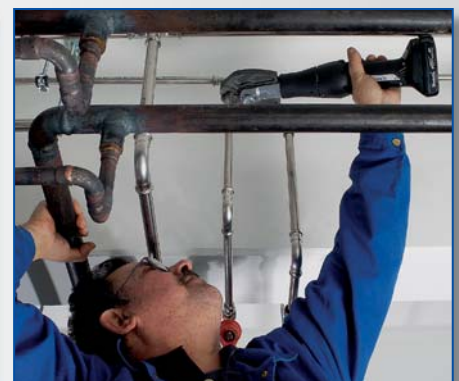
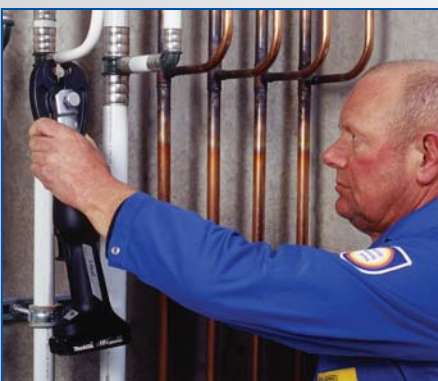


Accessories

Pressing jaws	Page 34
3.0 Ah battery	Page 43
Country-specific power packs available	Page 43



Application examples





Klauke® mini

MAP1

**Battery-powered pressing tool
9.6 V/2.0 Ah with constant thrust for
system-related nominal sizes to 32 mm**

Flexible and cost-effective

thanks to interchangeable Klauke Mini pressing jaws

Effortless working

thanks to low weight and ergonomic design



Prized at the **Mostra Convegno Expocomfort** international trade fair held in Milan for **functionality, ergonomics and technical handling**

Easy **1-handed** operation

Work independent of mains power

with battery operation

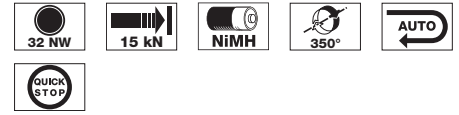
Special features and benefits

- ✓ Quick pressing thanks to short pressing cycle of 5-6 seconds
- ✓ High safety factor thanks to "Quickstop" function
- ✓ Long tool and battery service life due to quality components
- ✓ Time saved when multiple pressing by means of automatic piston return
- ✓ Pressing jaws compatible with MAP2 tool

Applications

Stainless steel, steel	max. NS22* (NS28 upon request)
Copper, copper alloys	max. NS28*
Multi-layer composite pipe	max. NS32*
PEX pipe	max. NS32*

*These values are system-related.
Please contact your system supplier for binding information.



Technical data

	Machine weight: without jaw 1.9 kg incl. jaw 2.5 kg
	Dimensions (L x W x H): 415 x 55 x 80 mm
	Pressings per battery charge: 2.0 Ah approx. 100 (for NS20) 3.0 Ah approx. 150 (for NS20)
	Charging time: 1.5 Ah 40 min. 3.0 Ah 60 min.
	approx. 350° rotating pressing jaw holder
	High-power 2.0 Ah NiMH battery (3.0 Ah optional)
	Linear thrust of approx. 15 kN



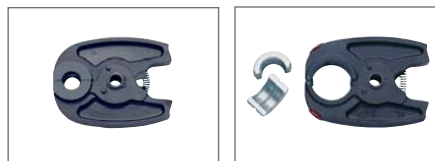
Scope of supply

Rigid plastic case with battery and charger
Country-specific chargers available



Accessories

Pressing jaws	Page 34
3.0 Ah battery	Page 43



Application examples



Radial



Flexible and cost-effective thanks to interchangeable standard pressing jaws

***i*-press[®]_{medium} UAP3L**

**Battery-powered pressing tool
18 V/3.0 Ah with constant shear force for
system-related nominal sizes to 110 mm**

Effortless working thanks to low weight and ergonomic design



Illumination for working safely



Tool information shown via **LED display**

Easy **1-handed** operation

Secure grip due to innovative 2-component housing

High-quality, powerful Makita Li-Ion technology for **lasting, battery-powered pressing**



Special features and benefits

- ✓ Quick pressing due to short pressing cycle
- ✓ Very high safety factor based on "Quickstop" function
- ✓ Precise pressing force thanks to HPC pressure monitoring with audible signal
- ✓ Extremely short charging time of just 22 minutes
- ✓ Worldwide availability of ***i*-press[®]** Makita batteries and chargers
- ✓ Long battery and tool service-life thanks to "Autostop" after the pressing operation
- ✓ Time saved when multiple pressing by means of automatic piston return

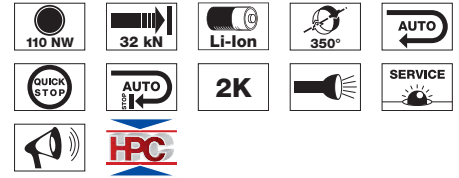
i-press®
medium

UAP3L

Applications

Stainless steel, steel	max. NS54*
Copper, copper alloys	max. NS54/108/4**
Multi-layer composite pipe	max. NS75/110*
PEX pipe	max. NS75*

*These values are system-related.
Please contact your system supplier for binding information.



Technical data

	Machine weight: 3.5 kg
	Dimensions (L x W x H): 366 x 81 x 317 mm
	Pressings per battery charge: approx. 300 (for NS20)
	Charging time: 22 min.
	approx. 350° rotating pressing jaw holder
	High-power Makita 3.0 Ah Li-Ion battery
	Linear thrust of approx. 32 kN



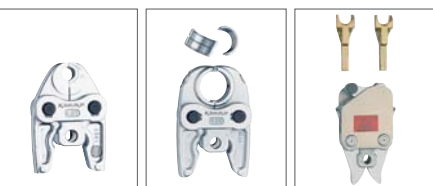
Scope of supply

Rigid plastic case with battery and charger
Tool and case available with customised labelling (optional extra)
Country-specific chargers available



Accessories

Pressing jaws	Page 34
Pressing chains	Page 36
Country-specific power packs available	Page 43



Application examples



Radial

UAP2

*Battery-powered pressing tool
12 V/3.0 Ah with constant thrust for
system-related nominal sizes to 110 mm*

Flexible and cost-effective

thanks to interchangeable standard pressing jaws



Tool information shown via **LED display**

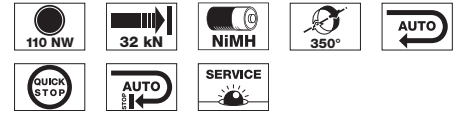
Easy **1-handed** operation

Work independent of mains power with battery operation

Special features and benefits

- ✓ Quick pressing thanks to short pressing cycle of 5-7 seconds
- ✓ Time saved when multiple pressing by means of automatic piston return
- ✓ Long battery and tool service-life thanks to "Autostop" after the pressing operation
- ✓ High safety factor thanks to "Quickstop" function

UAP2



Applications

Stainless steel, steel	max. NS54*
Copper, copper alloys	max. NS54/108/4**
Multi-layer composite pipe	max. NS75/110*
PEX pipe	max. NS75*

*These values are system-related.
Please contact your system supplier for binding information.

Technical data

	Machine weight: 3.9 kg
	Dimensions (L x W x H): 350 x 95 x 300 mm
	Pressings per battery charge: approx. 220 (for NS20)
	Charging time: 45 min.
	approx. 350° rotating pressing jaw holder
	High-performance 3.0 Ah NiMH battery
	Linear thrust of approx. 32 kN



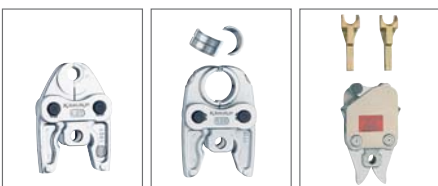
Scope of supply

Rigid steel case with battery and charger
Tool and case available with customised labelling (optional extra)
Country-specific chargers available



Accessories

Pressing jaws	Page 34
Pressing chains	Page 36
Country-specific power packs available	Page 43



Application examples



Radial

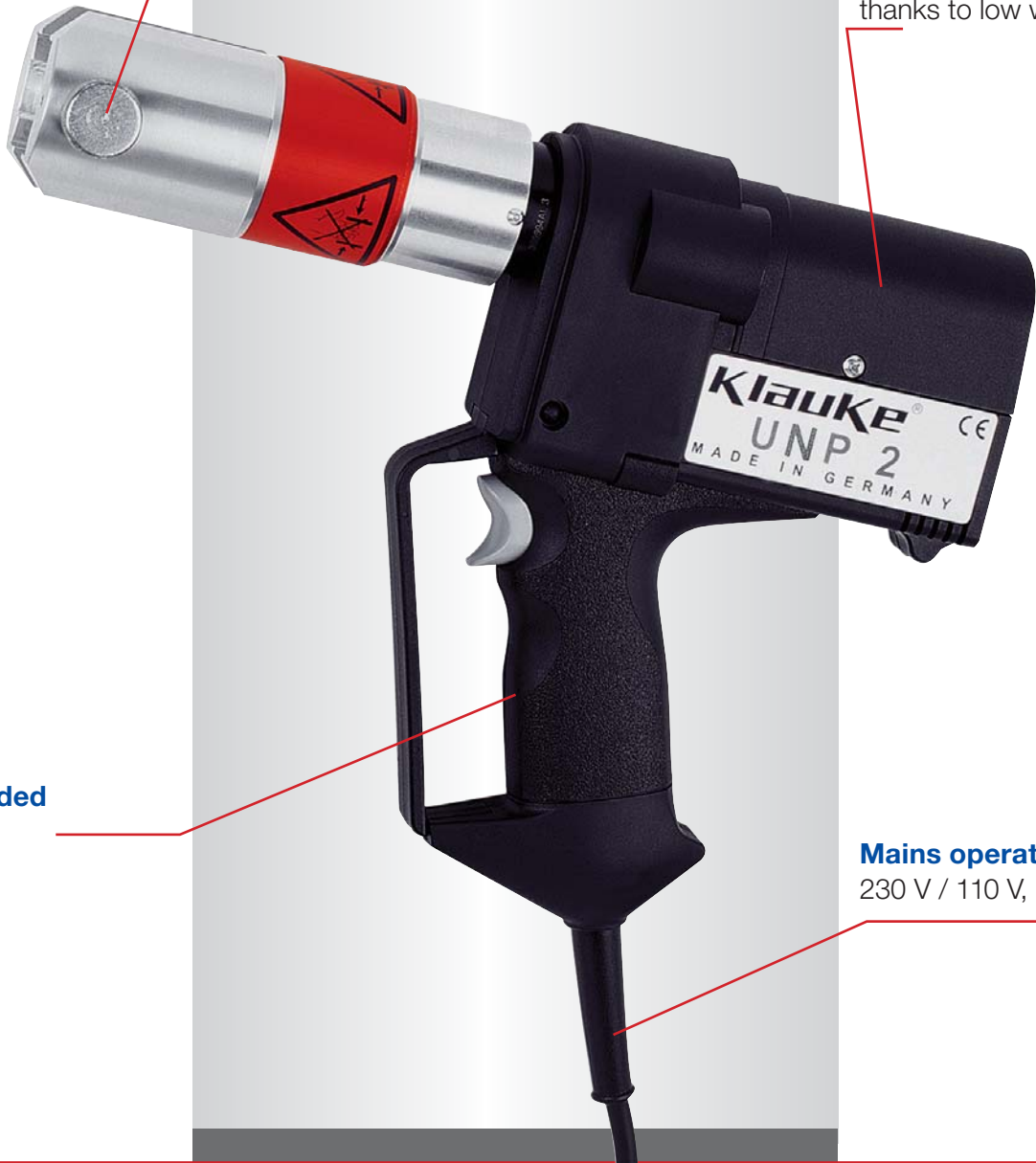
UNP2

*Mains operated pressing tool
230 V with constant thrust for system-
related nominal sizes to 110 mm*

**Flexible and
cost-effective**

thanks to interchangeable
standard pressing jaws

Effortless working
thanks to low weight



Easy **1-handed**
operation

Mains operation with
230 V / 110 V, optional

Special features and benefits

✓ Quick pressing thanks to short
pressing cycle

✓ Time saved when multiple
pressing by means of automatic
piston return

✓ High safety factor based on
“Quickstop” function

UNP2



Applications

Stainless steel, steel	max. NS54*
Copper, copper alloys	max. NS54/108/4**
Multi-layer composite pipe	max. NS75/110*
PEX pipe	max. NS75*

*These values are system-related.
Please contact your system supplier for binding information.



Technical data

	Machine weight: 3.5 kg
	Dimensions (L x W x H): 350 x 81 x 260 mm
	approx. 350° rotating pressing jaw holder
	Linear thrust of approx. 32 kN

Scope of supply

Tool, including rigid steel case
Tool and case available with customised labelling (optional extra)
Country-specific version possible



Accessories

Pressing jaws	Page 34
Pressing chains	Page 36



Application examples



Radial



***i*-press[®]_{medium} + UAP4L**

**Battery-powered pressing tool
18 V 3.0 Ah with constant thrust for
system-related nominal sizes to 110 mm**

Flexible and cost-effective

thanks to interchangeable standard pressing jaws

Effortless working

thanks to low weight and ergonomic design



Illumination for working safely



Tool information shown via **LED display**

Secure grip due to innovative 2-component housing

High-quality, powerful Makita Li-Ion technology for **lasting, battery-powered pressing**

Special features and benefits

- ✓ Time saved when multiple pressing by means of automatic piston return
- ✓ Makita *i*-press[®] batteries and chargers available worldwide
- ✓ Broad application range from NS12 to NS110 (4") including steel and stainless steel systems
- ✓ Very high safety factor based on "Quickstop" function
- ✓ Precise pressing force thanks to HPC pressure monitoring with audible signal
- ✓ Quick change from pressing jaws to chains with adapter jaw
- ✓ Long battery and tool service-life thanks to "Autostop" after the pressing operation

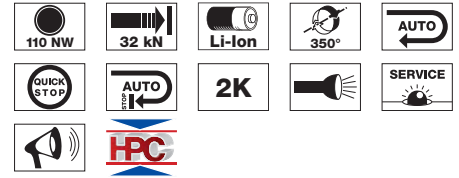
i-press® *medium* ⁺

UAP4L

Applications

Stainless steel, steel	max. NS108 (4")
Copper, copper alloys	max. NS108 (4")
Multi-layer composite pipe	max. NS75 (110)
PEX pipe	max. NS75 (110)

*These values are system-related.
Please contact your system supplier for binding information.



Technical data

	Machine weight: 4.3 kg
	Dimensions (L x W x H): 512 x 81 x 317 mm
	Pressings per battery charge: approx. 300 (for NS20)
	Charging time: 22 min.
	approx. 350° rotating pressing jaw holder
	High-power Makita 3.0 Ah Li-Ion battery
	Linear thrust of approx. 32 kN



Scope of supply

Rigid sheet steel case with battery, charger and power pack
Tool and case available with customised labelling (optional extra)
Country-specific chargers and mains adapters available

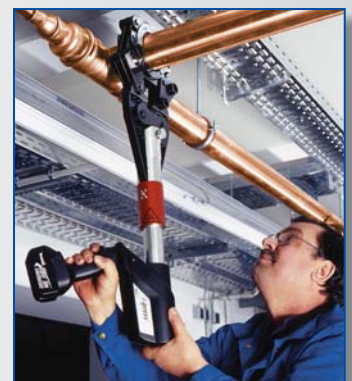


Accessories

Pressing jaws	Page 34
Pressing chains	Page 36



Application examples



Radial

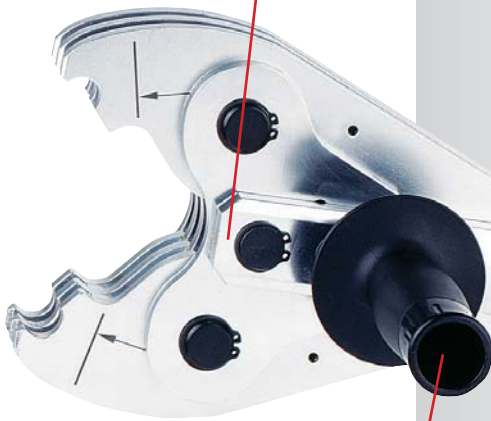


***i*-press[®]_{big} UAP100L**

**Battery-powered pressing tool
18 V/3.0 Ah with constant thrust for
system-related nominal sizes from
76.1 mm to 108 mm, PN16 approved**

**Reliable pressing
chain adaptation**

thanks to new pressing
head concept



Comfortable operation

thanks to additional
handle

Secure grip

due to
innovative
2-component
housing



Illumination for
working safely



Tool information shown
via **LED display**

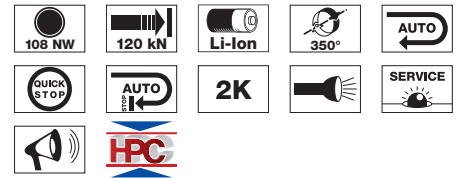
High-quality, powerful
Makita Li-Ion technology for
**lasting, battery-powered
pressing**

Special features and benefits

- ✓ Extremely short charging time of just 22 minutes
- ✓ Very high safety factor based on “Quickstop” function
- ✓ Precise pressing force thanks to HPC pressure monitoring with audible signal
- ✓ Time saved when multiple pressing by means of automatic piston return
- ✓ Makita *i*-press[®] batteries and chargers available worldwide
- ✓ Long battery and tool service-life thanks to “Autostop” after the pressing operation

***i*-press®
*big***

UAP100L



Applications	
Stainless steel, steel	NS76.1; 88.9; 108; 2.1/2"; 3", 4"
Copper, copper alloys	NS76.1; 88.9; 108; 2.1/2"; 3", 4"

*These values are system-related.
Please contact your system supplier for binding information.

Technical data	
	Machine weight: 12.7 kg
	Dimensions (L x W x H): 567 x 81 x 359 mm
	Pressings per battery charge: approx. 20 (for NS108)
	Charging time: 22 min.
	approx. 350° rotating pressing jaw holder
	High-power Makita 3.0 Ah Li-Ion battery
	Linear thrust of approx. 120 kN



Scope of supply	
Rigid sheet steel case with 1 battery, charger and mains adapter	
Tool and case available with customised labelling (optional extra)	
Country-specific chargers and mains adapters available	

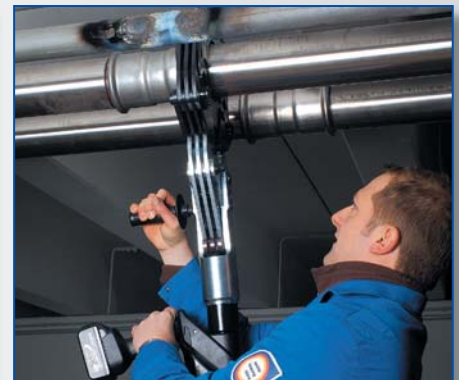


Accessories	
Pressing chains	Page 36



Synchronised pressing thanks to 4-segment technology

Application examples



Radial



Flexible and cost-effective

thanks to interchangeable standard pressing jaws



HPU2

Manual hydraulic pressing tool for system-related nominal sizes to 110 mm

Optimum pump lever position for all requirements thanks to **approx. 350° rotating head**

Secure grip due to ergonomic handles

Compact design thanks to the integrated oil tank in the handle

Special features and benefits

- ✓ Quick infeed of the piston due to 2-stage hydraulics
- ✓ Time saved when multiple pressing by means of automatic piston return
- ✓ Broad application range from NS12 to NS108 (4")
- ✓ With manual/hydraulic force transmission, it also meets fire and explosion protection requirements
- ✓ Effortless working thanks to low weight
- ✓ Forced pressing cycle thanks to valve control

HPU2

Applications

Stainless steel, steel	max. NS54
Copper, copper alloys	max. NS54/108/4"
Multi-layer composite pipe	max. NS75/110
PEX pipe	max. NS75

*These values are system-related.
Please contact your system supplier for binding information.



Technical data

	Weight: only approx. 3.1 kg
	Dimensions (L x W x H): 500 x 81 x 125 mm
	approx. 350° rotating pressing jaw holder
	Linear thrust of approx. 32 kN

Scope of supply

Pressing tool, including fabric bag

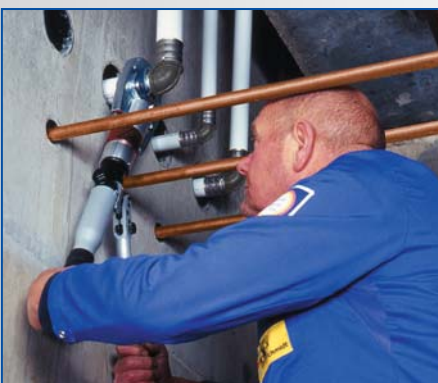


Accessories

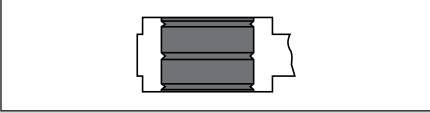
Pressing jaws	Page 34
Pressing chains	Page 36

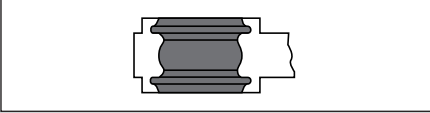


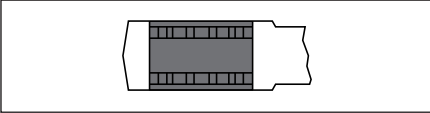
Application examples

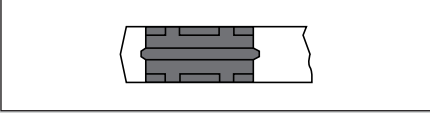


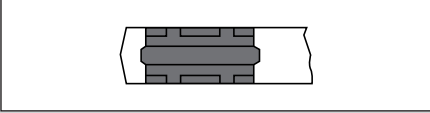
The usages for which dimensions, profiles and machine types are relevant can be found in the application and assembly instructions from the system supplier.

KSP 0		Uponor	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input type="checkbox"/> Pressing chains <input type="checkbox"/>	
		<i>Machine and system-related for</i> Uponor UNIPIPE	

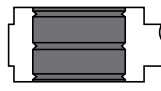
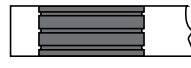


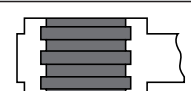
KSP 1		B	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input checked="" type="checkbox"/> Pressing chains <input type="checkbox"/>	
		<i>Machine and system-related for</i> ALPHATECH F.I.V. Fivpress Megaro Begetube Fränkische Ibérica Pipelife Emmeti Gerpex Ivar	

KSP 2		F	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input checked="" type="checkbox"/> Pressing chains <input type="checkbox"/>	
		<i>Machine and system-related for</i> Fränkische Rohrwerke alpex-duo	

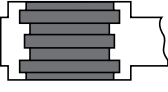
KSP 3		M	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input checked="" type="checkbox"/> Pressing chains <input checked="" type="checkbox"/>	
		<i>Machine and system-related for</i> Belair Sertinox Filtube Instalpres Nitotec Chibro HSF Raccorderie Metalliche InoxPres Comap Inoxpres Seppelfricke GmbH Comisa Isotubi Simplex Emcal PRESSO NOX Kohler InoxPres VSH Esta Simplesta Lombarda Raccordi InoxPres Pegler Yorkshire Eurotubi Europa Mainpex	

KSP 4		V	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input checked="" type="checkbox"/> Pressing chains <input checked="" type="checkbox"/>	
		<i>Machine and system-related for</i> ABM Kupral Frabo Metallwerke Möllersdorf B-Press Comap Sudopress CU IBP B-Press Nibco Comisa LK Systems B-Press Tzanos B-Press Emmeti Megaro	


The usages for which dimensions, profiles and machine types are relevant can be found in the application and assembly instructions from the system supplier.

KSP 5		U	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input checked="" type="checkbox"/> Pressing chains <input checked="" type="checkbox"/>	
		Machine and system-related for	
Aquatecnic	Jupiter Heizsysteme	Polytherm Espanola	
CO.E.S Coesclima	Mr. Pex	Rifeng	
FAR	Nikkai Industries	Saneper SaperXPress / Multisaper	
Fränkische Rohrwerke	Nupi	Wavin Future K1-K2	
Intermalia	Pipelife		
KSP 6		HTH	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input checked="" type="checkbox"/> Pressing chains <input type="checkbox"/>	
		Machine and system-related for	
		Thermtec	
KSP 7		H	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input checked="" type="checkbox"/> Pressing chains <input type="checkbox"/>	
		Machine and system-related for	
Blansol / Barbi	Haka HAKAPRESS	Simplex	
FAR	Mair M-Press /Gomafix	Tzanos	
Friatec	Prandelli Multyrama	Wefa Plastic WEFATHERM-PRESS	
KSP 7A		HR	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input checked="" type="checkbox"/> Pressing chains <input type="checkbox"/>	
		Machine and system-related for	
		Roth	
KSP 8		THH	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input checked="" type="checkbox"/> Pressing chains <input checked="" type="checkbox"/>	
		Machine and system-related for	
		HENCO NS32-40	

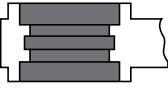
The usages for which dimensions, profiles and machine types are relevant can be found in the application and assembly instructions from the system supplier.

KSP 11	TH
	Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input checked="" type="checkbox"/> Pressing chains <input checked="" type="checkbox"/>

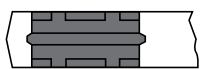
<i>Machine and system-related for</i>		
ABM Kupral	Golan	Pipelife
APE	Henco	Polysan
Auspex Duopes	Herz IPANAPRESS	Fränkische Rohrwerke
Becker Plastics	Industrielle du Plastique & Accessoires	Rifeng
Chibro	IP Produkter	Rofix
Comap SudoPress Multiskin	IPA IPANAPRESS	Schlösser EuroPressSystem
Comisa	Kermi X-Press	Schütz EHT
Dalpex	Klimit	Seppelfricke Distribuzione
Diwa Rohrsysteme	LK Systems PressPex	Sesta
Egoplast	MA.S.TER SYSTEM	SSt Rolltec
Emcal PRESSO	Megaro	Stelbi
FAR	Nicoll	Tiba abit
Fränkische Ibérica	Nikkai Industries	Tiemme Racorderie Cobrapress
Gabo Systemtechnik	PB Tub	Watts MTR
General Fittings	Pedotherm	
Giacomini	Pinto & Cruz	

KSP 12	HO
	Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input checked="" type="checkbox"/> Pressing chains <input type="checkbox"/>

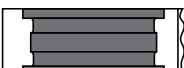
<i>Machine and system-related for</i>		
Oventrop Cofit-P	Polytherm Polyfix / Polyfix MT	System WELCOFLEX

KSP 13	ME
	Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input type="checkbox"/> Pressing chains <input type="checkbox"/>

<i>Machine and system-related for</i>		
	J.O.B. Heating	Metzerplas


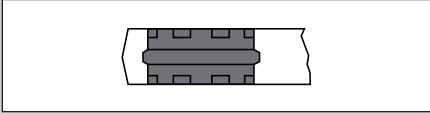

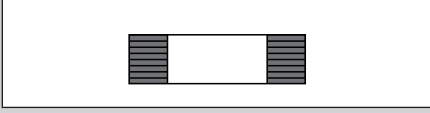
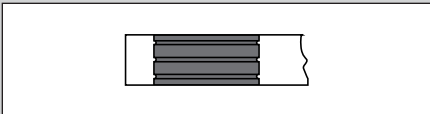
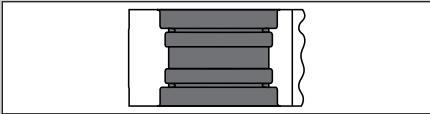
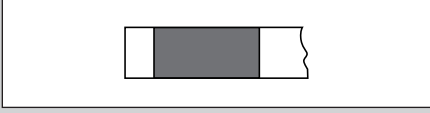
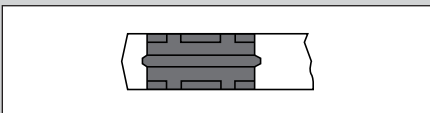
KSP 15	FIL
	Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input type="checkbox"/> Pressing chains <input type="checkbox"/>

<i>Machine and system-related for</i>		
FG Inox	Filtube	
Filpres	Jäger Systemvertrieb	

KSP 16	RRB
	Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input type="checkbox"/> Pressing chains <input type="checkbox"/>

<i>Machine and system-related for</i>		
	Rehau Raubasic	

The usages for which dimensions, profiles and machine types are relevant can be found in the application and assembly instructions from the system supplier.

KSP 17		I	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input checked="" type="checkbox"/> Pressing chains <input type="checkbox"/>	
<i>Machine and system-related for</i>		Iplex	
KSP 18		MP	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input type="checkbox"/> Pressing chains <input type="checkbox"/>	
<i>Machine and system-related for</i>		Poliedra	
KSP 19		VAL	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input checked="" type="checkbox"/> Pressing chains <input checked="" type="checkbox"/>	
<i>Machine and system-related for</i>		Valsir Pexal	
KSP 20		RF	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input checked="" type="checkbox"/> Pressing chains <input type="checkbox"/>	
<i>Machine and system-related for</i>			
Blansol / Barbi		Ingenieria Plastica del Sur	
Global Piping System AC-FIX		Intermalia	
		Pipelife	
		Saneper	
KSP 24		CHE	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input type="checkbox"/> Pressing chains <input type="checkbox"/>	
<i>Machine and system-related for</i>		Chemidro	
KSP 25		RRM	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input type="checkbox"/> Pressing chains <input type="checkbox"/>	
<i>Machine and system-related for</i>		Rehau Raumulti	
KSP 28 (ABC)		PEX	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input type="checkbox"/> Pressing chains <input type="checkbox"/>	
<i>Machine and system-related for</i>		Auspex KSP28 Mr. Pex KSP28B	
Transmatic KSP28A		Nibco KSP28B Ditron KSP28C	
KSP 33		MA	
		Dimension-related for Pressing jaws <input checked="" type="checkbox"/> Interchangeable dies <input type="checkbox"/> Pressing chains <input checked="" type="checkbox"/>	
<i>Machine and system-related for</i>		Samyong EQJOINT	

Pressing jaws

Klauke pressing jaws with approval from over 150 system suppliers for the applications concerned

Profile coding
to verify the used system pressing jaw on request

Easy assignment of pressing jaws and profiles thanks to coding with nominal size, profile and production data



Minimum wear
thanks to additional induction-hardening of the wear points at infeed chamfers and profile geometry

Special features and benefits

- ✓ Compatible with all pressing tools approved by the system supplier
- ✓ Better corrosion protection thanks to special surface finish
- ✓ Easy to differentiate between the system-related profiles due to different surface colours
- ✓ Optimised safety based on the use of high-resilience tool steel



The additional jaw size coded on the small face allows the user to pick the jaw quickly from a full box.

Pressing jaw Mini



Stainless steel/steel(NS28 upon request) max. NS22
 Copper/alloys max. NS28
 Multi-layer composite/PEX max. NS32

Universal jaw Mini



Copper/alloys max. NS28
 Multi-layer composite/PEX max. NS32

Pressing jaw, Size 1



Stainless steel/steel max. NS18
 Copper/alloys max. NS18
 Multi-layer composite/PEX max. NS20

Pressing jaw, Size 2




Stainless steel/steel max. NS35
 Copper/alloys max. NS35
 Multi-layer composite/PEX max. NS40

Pressing jaw, Size 3



Stainless steel/steel max. NS54
 Copper/alloys max. NS54

Universal jaw Standard



Copper max. NS28
 Multi-layer composite/PEX max. NS32

Interchangeable dies, Size 1



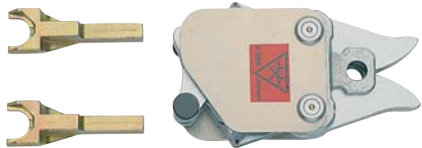
Multi-layer composite/PEX max. NS20

Interchangeable dies, Size 2



Copper/alloys max. NS28
 Multi-layer composite/PEX max. NS32

Axial jaw



Multi-layer composite/PEX max. NS32

Suitable pressing tools

UAP3 Page 18



UAP2 Page 20



UNP2 Page 22



HPU2 Page 28




UAP4 Page 24



MAP2 Page 14



MAP1 Page 16



MP32 Page 40



MP20 Page 41



Pressing chains

Synchronised pressing thanks to four-segment technology

Synchronised pressing thanks to 4-segment technology



Reliable form fit

thanks to forced segment guidance



Solid chain lock

allows strong forces to be absorbed and prevents the slipping off the fitting



Firm positioning

of the adapter jaw thanks to optimised design

Special features and benefits

- ✓ Simple chain changeover even when “working overhead” by separating the chain from the machine
- ✓ Simultaneous constriction of the fitting and deformation of the sealing element thanks to four-segment technology
- ✓ International approvals, including for special system tests with large dimensions (PN12, 48 bar; PN16, 64 bar)
- ✓ Optimum force transmission thanks to the toggle action principle
- ✓ Easy chain removal after the pressing operation due to polished profile surfaces
- ✓ Profile coding to verify the used system pressing chain on request
- ✓ The pressing chains can be changed by one person
- ✓ Optimised safety based on the use of high-resilience tool steel

Pressing chain HP (to 64 bar)

System tests PN 16 to 64 bar bursting pressure

Stainless steel/steel	max. NS108 – 4"
Copper/copper alloys	max. NS108 – 4"
Multi-layer composite/PEX	max. NS110

Pressing chain LP (to 48 bar)

Compatible only with adapter jaw SBKUAP4 (to be ordered separately)

Stainless steel/steel	max. NS108 – 4"
Copper/copper alloys	max. NS108 – 4"
Multi-layer composite/PEX	max. NS110

Pressing chain 42-54

Compatible only with adapter jaw SBK42-54 (to be ordered separately)

Stainless steel/steel	max. NS54 – 2"
Copper/copper alloys	max. NS54 – 2"
Multi-layer composite/PEX	max. NS75

Pressing element for interchangeable dies

Interchangeable dies to be ordered separately

Stainless steel/steel	max. NS54 – 2"
Copper/copper alloys	max. NS54 – 2"
Multi-layer composite/PEX	max. NS63

Suitable pressing tools

UAP3 Page 18	UAP2 Page 20	UNP2 Page 22	HPU2 Page 28	UAP4 Page 24
UAP100 Page 26				

Axial



Quick-change system
for sliding forks



Tool information shown
via **LED display**



Illumination
for working safely

***i*-press[®]_{axial} MAPAXL**

Battery-powered pressing tool
18 V/1.5 Ah with constant thrust for
system-related sliding connections to
32 mm



Effortless working
thanks to low weight
and ergonomic design

Compact design for
optimum access
to the installation

Secure grip due to
innovative **2-component**
housing

Easy **1-handed**
operation

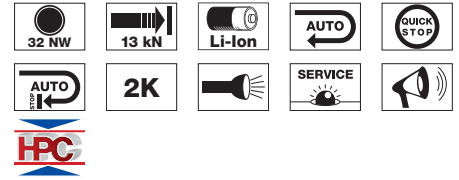
High-quality, powerful
Makita Li-Ion technology for
lasting, battery-powered
pressing

Special features and benefits

- ✓ Very quick assembly thanks to short pressing cycle of 3-4 seconds
- ✓ Very high safety factor based on "Quickstop" function
- ✓ Long battery and tool service-life thanks to "Autostop" after the pressing operation
- ✓ Extremely short charging time of just 15 minutes (1.5 Ah)
- ✓ Makita *i*-press® batteries and chargers available worldwide
- ✓ Multi-use thanks to mounting expanding heads
- ✓ Time saved when multiple pressing by means of automatic piston return
- ✓ Precise pressing force thanks to HPC pressure monitoring with audible signal

i-press[®]
axial

MAPAXL



Applications

Multi-layer composite pipe	max. NS32*
PEX pipe	max. NS32*

*These values are system-related.
Please contact your system supplier for binding information.



Technical data

	Machine weight: 2.2 kg
	Dimensions (L x W x H): 170 x 81 x 300 mm
	Pressings per battery charge: 1.5 Ah approx. 150 (for NS20) 3.0 Ah approx. 300 (for NS20)
	Charging time: 1.5 Ah 15 min. 3.0 Ah 22 min.
	High-power Makita 1.5 Ah Li-Ion battery (3.0 Ah optional)
	Linear thrust of approx. 13 kN

Scope of supply

Rigid plastic case with battery and charger
Tool and case available with customised labelling (optional extra)
Country-specific chargers and mains adapters available



Accessories

Sliding forks	upon request
Expanding adapter	upon request
Expanding crowns	upon request



Application examples



Manual pressing tools

Radial



Pressing head made of forged **special steel**

Applications

Stainless steel, steel	max. NS22
Copper alloy	max. NS28
Multi-layer composite pipe	max. NS32
PEX pipe	max. NS32

*These values are system-related. Please contact your system supplier for binding information.

Technical data

	Weight: approx. 2.7 kg
	Dimensions (L x W x H): 570 x 55 x 115 mm
	approx. 360° rotating pressing jaw holder
	Linear thrust of approx. 55 kN

Scope of supply

Pressing tool, including fabric bag



MP32

Manual pressing tool for system-related nominal sizes to 32 mm



Special features and benefits

- ✓ With manual force transmission, it also meets fire and explosion protection requirements
- ✓ Less force required thanks to toggle action transmission and continuously-adjustable telescopic handles
- ✓ Optimum positioning for all requirements thanks to 360° rotating head
- ✓ Quick-change mounting for simple die changing

MP20

Manual pressing tool for system-related nominal sizes to 20 mm



Compact head design permits assembly in constricted spaces





Applications

Multi-layer composite pipe	max. NS20
PEX pipe	max. NS20

*These values are system-related. Please contact your system supplier for binding information.

Technical data

 Weight: approx. 1.6 kg
 Dimensions (L x W x H): 500 x 25 x 100 mm

Scope of supply

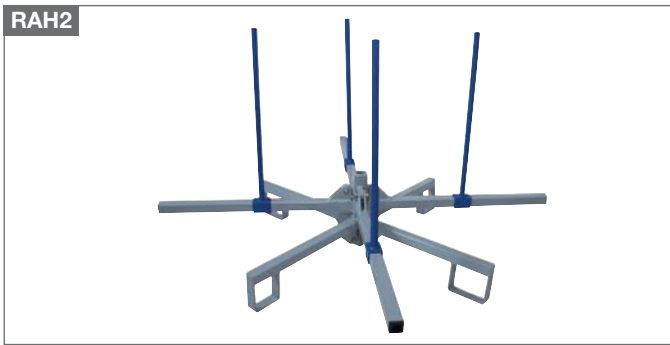
Pressing tool, including fabric bag




Special features and benefits

- ✓ Optimum pressing force distribution thanks to the 5-level function of the pressing lever
- ✓ Quick-change mounting for simple die changing
- ✓ Forced pressing cycle thanks to bar ratchet
- ✓ Neutral position possible due to safety function
- ✓ Easy access to skirting board installations thanks to one-sided 90° handle opening

Uncoiler/pipe dressing tool



Version	
Uncoiler and pipe dressing device for multi-layer composite pipe to NS26	
Pipe dresser continuously adjustable	
	Coiler weight: approx. 12.5 kg Pipe dresser weight: approx. 4.3 kg Connection piece weight: approx. 2.0 kg

Scope of supply
Uncoiler, pipe dresser, connector piece
Also available as separate items.



Stepped de-burrer



Version
For all standard multi-layer composite and PEX pipes to NS40
Customised NS

Deburring set with interchangeable heads

Internal and external de-burrers made for multi-layer composite and PEX pipes



Version
Solid and construction site standard de-burring and calibration tool for multi-layer composite and PEX pipes to NS 63.
Reliable de-burring and calibration of pipe ends thanks to calibration mandrel and three-edged de-burring blade for machining the internal, end and external surfaces of the pipe.
De-burring heads can be used with handle or cordless screwdriver.
NS and version upon request

Chargers and spare batteries for 18 V pressing machines *i-press*®



Version	
LGL1	with Makstar charging technology from Makita
RAM1	18 V / 1.5 Ah / Li-Ion only to be used for <i>i-press</i> ® mini and <i>i-press</i> ® axial
RAM2	18 V / 3.0 Ah / Li-Ion

Chargers and spare batteries for 9.6 V MAP1 pressing machines



Version	
LG4F	Charger for all Klauke 9.6 V and 12 V batteries
RAM2	9.6 V / 2.0 Ah / NiMH
RAM3	9.6 V / 3.0 Ah / NiMH

Chargers and spare batteries for 18 V pressing machines



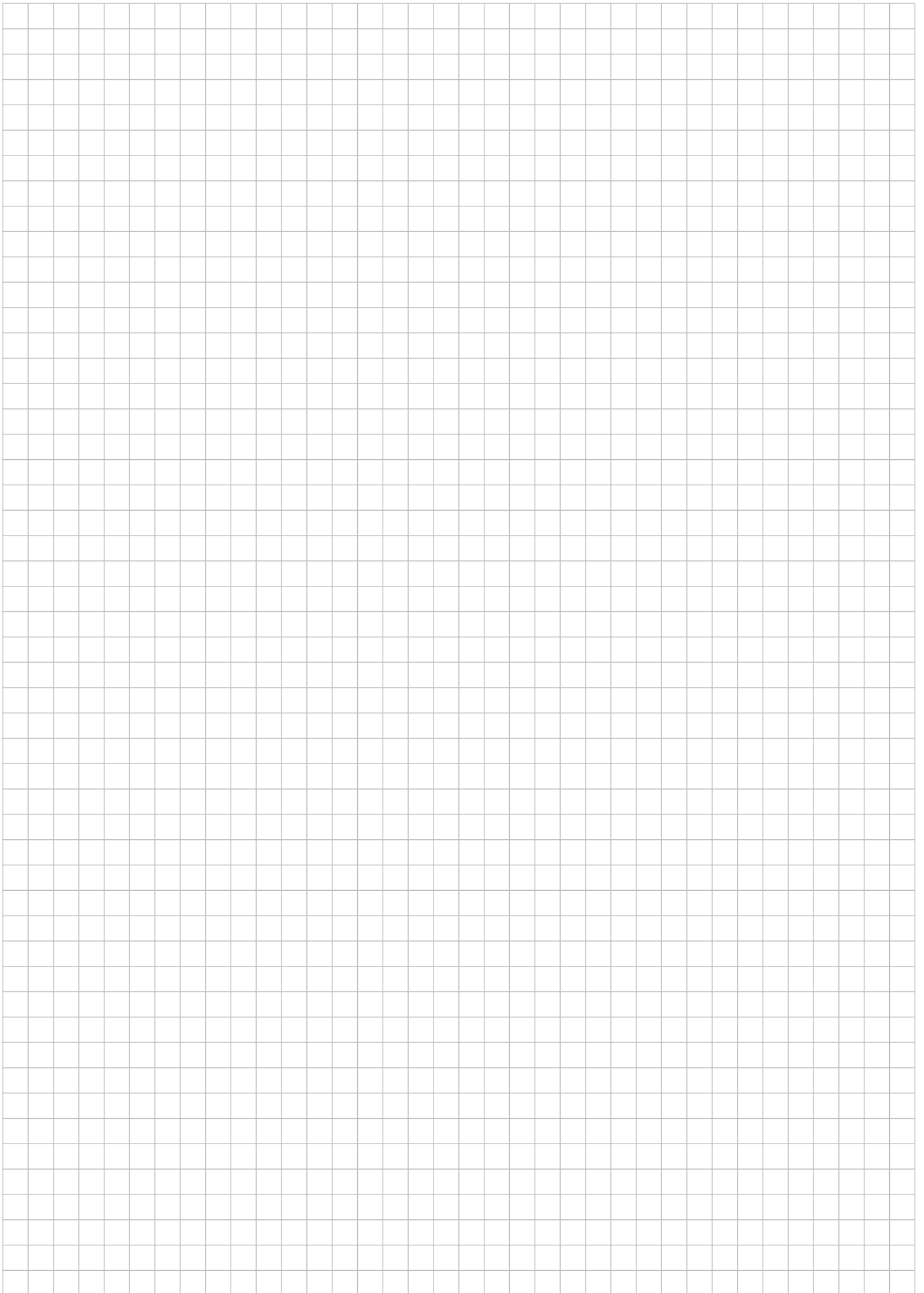
Version	
LG4F	Charger for all 9.6 V and 12 V batteries
RA5	12 V / 3.0 Ah / NiMH

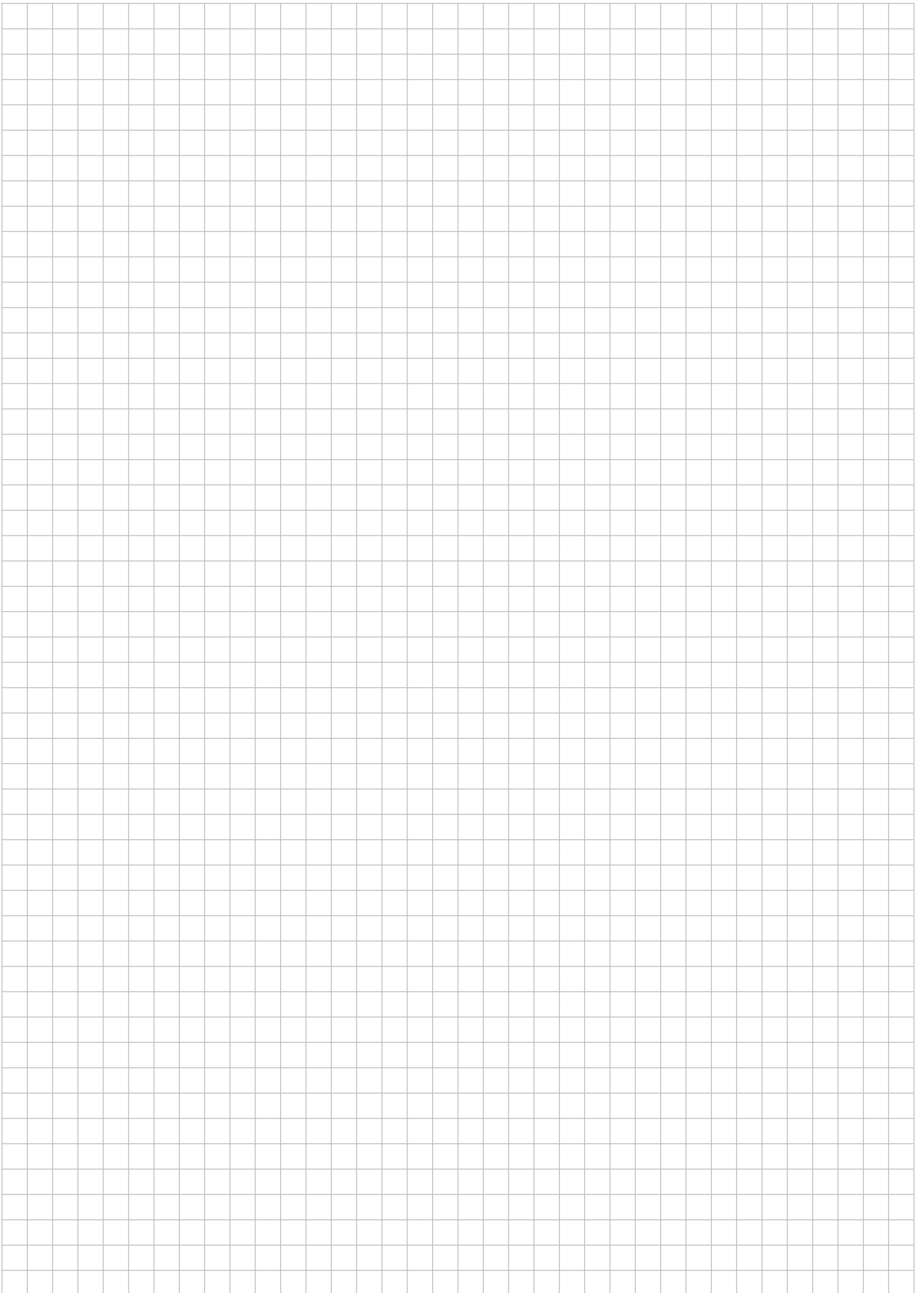
Mains units for 12 V and 18 V pressing machines *i-press*®



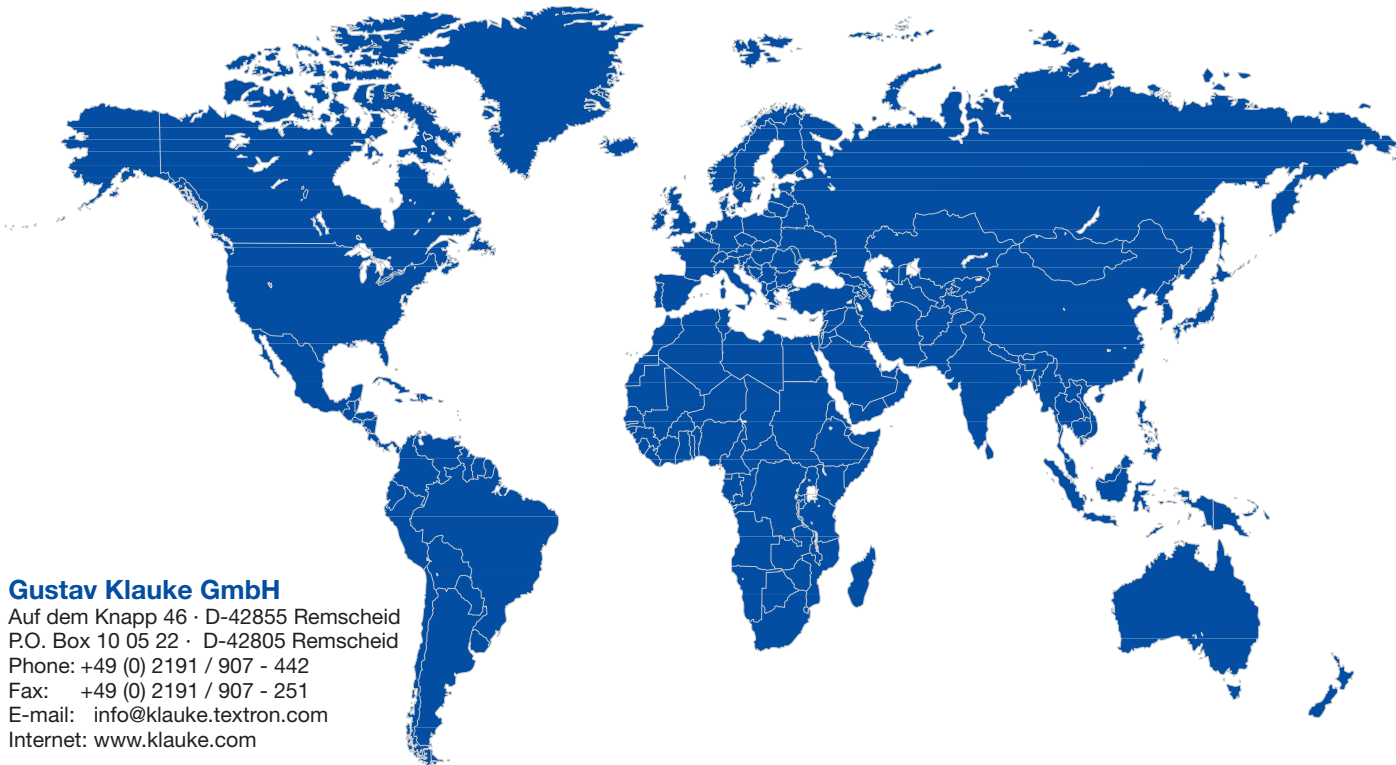
Version	
NG1	Mains unit suitable for all Klauke 12 V pressing machines, 240 V and 120 V available
NG2	Mains unit suitable for all Klauke 18 V pressing machines, 240 V and 120 V available

Mains adapter not to be used for 9.6 V pressing machines





For secure connections worldwide.



Gustav Klauke GmbH

Auf dem Knapp 46 · D-42855 Remscheid
P.O. Box 10 05 22 · D-42805 Remscheid
Phone: +49 (0) 2191 / 907 - 442
Fax: +49 (0) 2191 / 907 - 251
E-mail: info@klauke.textron.com
Internet: www.klauke.com

■ **AUSTRALIA**

Forcorp PTY Ltd.
Ellenbrook Western Australia 6069
Phone: +61-92969090
Fax: +61-92969080
bill@forcorp.com.au

The Energy Network PTY LT
Geebung QLD 4034
Phone: +61-7321288999
Fax: +61-7321288998
repair@theenergynetwork.com.au

■ **AUSTRIA**

Klauke Handelsgesellschaft mbH
2544 Leobersdorf
Phone: +43-2256-62925
Fax: +43-2256-62930
office@klauke.at

■ **BELGIUM**

NBR Nussbaumer & Cie
1500 Halle
Phone: +32-23570940
Fax: +32-23549679
info@nussbaumer.be

■ **PEOPLE'S REPUBLIC OF CHINA**

Hangzhou Xianhen
Hangzhou, 31009
Phone: +86-571-87813666
Fax: +86-571-56180991
Xianhenguoji-lml@hotmail.com

■ **Shanghai Feng Ye Trading Co. Ltd**

Shanghai, 200233
Phone: +86-21-5265 8823
Fax: +86-21 5265 8829
fengyemaoyi@sohu.com
fengye@fengye-sh.com

Guangzhou Xueqin Electrical
Guangdong, 510095
Phone: +86-20-37589535* 3068
Fax: +86-20-87327792
xueqin-electric@tom.com

■ **Beijing Black Eagle Hydraulic**

Beijing, 100028
Phone: +86-10-64924396
Fax: +86-10-58220595
service@bjbsn.com

■ **Chengdu Taili Industry & Trade Co. Ltd**

Chengdu, 100028 (China)
Phone: +86-28-85592749
Fax: +86-28-85594507
taili@mail.sc.cninfo.net

■ **CROATIA**

Konekt d.o.o.
HR-10000 Zagreb
Phone: +385-12361890
Fax: +385-12361882
konekt@konekt.hr

■ **CZECH REPUBLIC/SLOVAKIA**

Klauke z. Nitsch s.r.o.
14000 Praha 4 - Pankrac
Phone: +420-261213229
Fax: +420-261213218
Klauke@Klauke.cz

■ **DENMARK**

Klauke Remscheid
42855 Remscheid (Germany)
Phone: +49 - 2191/907-168
Fax: +49 - 2191/907-243
service@klauke.textron.com

■ **FRANCE**

KLAUKE FRANCE
57150 Creutzwald
Phone: +33-3-87298470
Fax: +33-3-87298479
s.weiten@klaukefrance.fr

■ **FINLAND**

OY Elteosähkö AB
20360 Turku
Phone: +358-2-4100200
Fax: +358-2-4100230
info@elteo.fi

CableX oy
20360 Turku
Phone: +358-2-8800020
Fax: +358-2-8800021
reijo.karlsson@cablex.fi

■ **GREAT BRITAIN**

Norwich Instrument Services
Norwich NR6 5DR
Phone: +44-1603-416900
Fax: +44-1603-416902
norman@nisltd.co.uk

■ GREECE

Kalamarakis Sapounas SA
Athens
Phone: +30-210-240-6000
Fax: +30-210-240-6007
dtzanes@ksa.gr

■ HUNGARY

Trend Elektro
H-1117 Budapest
Phone: +36-1-464-3118
Fax: +36-1-464-3119
trendelektro@freemail.hu

■ INDIA

STI Industries
Mumbai 400058
Phone: +91-22-26744096
Fax: +91-22-26744044
supriti@calter.com

Bishop Electricals

Bangalore 560064
Phone: +91-9886115506
Fax: +91-8026914568
servicecentre@bishopelectricals.com

■ INDONESIA

PT. Aura Sinarindo Abadi
Kelapa Gading, Jakarta 14240
Phone: +62-214534237
Fax: +62-214534238
rifkiyadi@aurasinarindo.com

■ IRELAND

Pressure Hydraulic Ltd
Rathcoole, Co, Dublin
Phone: +353-1-4588880
Fax: +353-1-4588940
nfallon@pressure-hydraulics.com

■ ISRAEL

Shay A.U., Ltd.
49222 Petach Tikva
Phone: +972-3-9233601
Phone: +972-3-9234601
ilans@uriel-shay.com

■ ITALY

WAB
40121 Bologna
Phone: +39-051-522308
Phone: +39-051-522761
info@wab-aleotti.com

■ JAPAN

Goodman Inc
Yokohama, Kanagawa 236-0037
Phone: +81-45-701-5680
Fax: +81-45-701-4302
kazu@goodman-inc.co.jp

■ KOREA

KESCO CO., LTD.
2-1608, ACE HITECH CITY,
Phone: +82-22-6140989
Fax: +82-22-6140966
tsoh@ikesco.com

■ LEBANON

Al-Bonian Group
6470 Beirut
Phone: +961-1-385 708
Fax: +961-1-385 714
zokhrof.sleiman@al-boniangroup.com

■ LITHUANIA

Technikos Meistrai
Vilnius 03154
Phone: +370 -5-2311564
info@technikosm.com

■ NEW ZEALAND

Jonel Hydraulics Ltd.
East Tamaki Auckland
Phone: +64-9-2749294
Fax: +64-9-2748231
enerpac@jonelhydraulics.co.nz

■ The NETHERLANDS

H.K. Electric B.V.
5320 AB Hedel
Phone: +31-73-5997599
Phone: +31-73-5997590
f.jansen@hkelectric.nl

■ NORWAY

Miltron AS
N-3421 Lierskogen
Phone: +47-32226610
Fax: +47-32226656
hans.petter.selbo@miltron.no

■ POLAND

RB Brexim S.A.
05-825 Grodzisk Mazowiecki
Phone: +48-22-7344380
Fax: +48-22-7344381
rboffice@brexim.pl

■ PORTUGAL

Palissy Galvani Electricidade S.A.
1200-433 Lisbon
Phone: +351-21-3223400
Phone: +351-21-3223410
ana.pereira@palissygalvani.pt

■ ROMANIA

Gercon Electro S.R.L.
Miercurea Ciuc,
Phone: +40-266-372108
Fax: +40-266-312238
office@gerconelectro.ro

■ RUSSIA

Unit Mark Pro
109147 Moscow
Phone: +7-495-7480907
Fax: +7-495-7483735
service-pro@unit.ru

Orionkommash

620046 Ekaterinburg
Phone: +7-343-3531153
Fax: +7-343-3539396

■ SINGAPORE

Grace Electrical Engineering PTE LTD
Singapore 349185
Phone: +65-6741-3423
Fax: +65-6741-7506
geepl@singnet.com.sg

■ SLOVENIA

Isaria d. o.o.
1420 Trbovlje
Phone: +386-356-31800
Fax: +386-356-31802
isaria.trbovlje@siol.net

■ SPAIN/ANDORRA

Gave Electro s.l.
Barcelona
Phone: +34-93-8424887
Fax: +34-93-8422755
gsalmeron@gave.com

■ SOUTH AFRICA

Eberhardt Martin CC
Newlands Johannesburg
Phone: +27-11-2880000
Fax: +27-11-6732043
ebm@ebm.co.za

■ SWEDEN

AGB Service AB
39241 Kalmar
Phone: +46-480-28122
Fax: +46-480-28165
anders@agbservice.se

■ SWITZERLAND

Ferratec AG
8964 Rudolfstetten
Phone: +41-56-6492121
Fax: +41-56-6492141
info@ferratec.ch

■ TAIWAN

Po Charng Co.Ltd
Sun Yi Dist, Taipei 110
Phone: +84-886227631623
Fax: +84-886227667492
vincent.cn@msa.hinet.net

■ TURKEY

Ünal Kardes Tic A.S.
34630 Besyol-Sefaköy / Istanbul
Phone: +90-212-6249204
Fax: +90-212-5924810
sdiricanli@unalkardes.com.tr

■ UKRAINE

Techlight LTD
36002 Poltava
Phone: +38-0532-500970
Fax: +38-050-5242646
Y.Tsiliryuk@techlight.com.ua

■ USA

Greenlee Textron
Rockford, IL 61109-2932
Phone: +1-800-435-0786
Fax: +1-815-
kdrews@greenlee.textron.com

A & A Hydraulic Repair Co.

Cleveland, OH 44142
Phone: +1-216-362-4000
Fax: +1-216-362-4020
dan@hydraulicparts.com

QUEST Inc

Brighton, CO 80601
Phone: +1-720-685-9091
Fax: +1-303-655-8143
bobquest@prodigy.net

■ VIETNAM

Huu Hong Machinery Co., Ltd
Ho Chi Minh City
Phone: +84-8-8117454
Fax: +84-8-8116338
sales@huuhong.com.vn

Trusting in Klauke:

Our system partners.

- ✓ Klauke pressing tools and jaws are tested and approved for specific systems by all the system suppliers listed below.
- ✓ Contact your system supplier for other approved systems or information on potential pressing dimensions for specific systems.
- ✓ Klauke System components can be obtained from our partners below.

A&O Johansen	www.ao.dk
ABM Kupral	www.abmkupral.hu
Adrien Riquier	www.a-riquier.fr
AFL	www.blockfitting.it
Alphatech	alphatech@magnet.gr
Aquatech. Distribution	www.aquatech.ie
APE	www.ape-raccorderie.com
Aquatecnic	www.aquatecnic.es
Auspex	www.auspex.com.au
Becker Plastics	www.becker-plastics.de
Begetube	www.begetube.com
Belair	www.belair.fr
Blansol	www.blansol.es
Central Heating	www.centralheating.co.nz
Chemidro	www.chemidro.com
Chibro	www.chibro.com
CO.E.S	www.coes.it
Comap	www.comap-group.com
Comisa	www.comisa.it
Dalpex	www.dalpexgroup.com
Dasung	www.spjoint.com
Diwa	www.diwaflex.de
Egoplast	www.egoplast.ru
Emcal	www.emcal.de
Emmeti	www.emmeti.com
Esta	www.esta-rohr.de
Eurotubi	www.eurotubieuropa.it
F.I.V.	www.fiv.it
FAR	www.far-spa.it
FG Inox	www.fginox.com
Filpres	www.filpres.pt

Filtube	www.inoxidables.com
Fittings Specialisten	www.fittings.dk
Fra.Bo	www.frabo.net
Fränkische Ibérica	www.fraenkische.com
Fränkische Rohrwerke	www.fraenkische.de
Friatec	www.friatec.de
Gabo	www.gabosys.de
Galpro	www.galprostylex.co.nz
Gas Pex	www.gaspex.com.au
Gattringer	www.gattringer.at
General Fittings	www.generalfittings.it
General Fittings GIBACO	www.generalfittings.nl
Georg Fischer	www.georgfischer.it
Giacomini	www.giacomini.com
Global Piping System AC-FIX	www.ac-fix.com
Golan	www.pexgol.co.il
Haka	www.hakagerodur.ch
Henco	www.henco.be
Herotec	www.herotec.de
Herz	www.herz-armaturen.com
Hidrotec	www.coes.it
HSF	www.hsfbv.nl
IBP	www.baenninger.info
Industrie du Plastique et Accessoires	www.ipa-tn.com
Ingenieria Plastica del Sur	www.plomyplas.com
Inox	www.inox.dk
Inoxpres	www.inoxpres.net
Intermalia	www.intermalia.com
IP Produkter	www.ip-produkter.fi
IPA	www.ipa-fitting.com
Isotubi	www.isotubi.com

Ivar	www.ivar.eu
IVT Würth	www.rohreausrrohr.de
J.O.B. Heating	www.jobco.ie
Jäger	www.jaeger-aquatec.at
Jupiter	www.fussbodenheizung.de
Kan	www.kan.pl
Kekelit	www.kekelit.com
Kermi	www.kermi.de
Kohler	www.kohler.ch
LK Systems	www.lksystems.se
Logstor	www.logstor.com
Lombarda Raccordi	www.lombardaraccordi.it
Mainpex	www.mainpex.de
Mair Heiztechnik	www.mair-heiztechnik.de
Mapress	www.mapress.de
Mark	www.mark-kg.de
MA.S.TER SYSTEM	www.master-system.it
Megaro	www.megaro.de
Metallwerke Möllersdorf	www.mmhg.at
Metzerplas	www.metzerplas.com
Nibco	www.nibco.com
Nicoll	www.nicoll-italia.com
Nikkai	www.kombi-3.com
Nirotec Aschl	www.nirotec.au
Nupigeco	www.nupinet.com
Oetiker	www.oetiker.com
Oteraccordi	www.oterspa.it
Oventrop	www.ventrop.de
P. Henning Jensen	www.phj.dk
PB Tub	www.pbtub.fr
Pedotherm	www.pedotherm.de
Pegler Yorkshire	www.yorkshirefittings.co.uk
Pinto & Cruz	www.pintocruz.pt
Pipelife	www.pipelife.com
Poliedra	www.poliedra.com
Polysan	www.polysan.at
Polytherm Española	www.polytherm.es
Prandelli	www.prandelli.com

Purmo	www.purmo.de
R.B.M.	www.rbmspa.it
Raccorderie Metalliche	www.racmet.com
Rehau	www.rehau.com
Rifeng	www.rifeng.com
Rofix	www.rofix.com
Rotex	www.rotex.de
Roth	www.roth-industries.com
Samyong	www.eqjoint.com
Saneper	www.saneper.com
Schlösser	www.schloesser-armaturen.de
Schütz EHT	www.schuetz.net
Seppelfricke GmbH	www.seppelfricke.de
Seppelfricke SD	www.seppelfricke.it
Sesta	www.sestasrl.it
Simplex	www.simplex-fit.de
SST Rolltec	www.sst-rolltec.it
Stelbi	www.stelbi.com
System	www.system.it
TECE	www.tece.fr
Tersia	www.tersia.nl
Thermtec	www.thermtec.de
Tiba	www.tiba.pt
Tiemme Raccorderie	www.tiemme.com
Transmatic	www.transmatic.com
Tzanos	www.tzanos.gr
Unidelta	www.unidelta.it
Uponor	www.uponor.com
Valsir	www.valsir.com
Vedis	www.fonditalgroup.it
Viega	www.viega.com
VSH	www.vsh-fittings.com
Vulkan Lokring	www.vulkan-lokring.de
Watts Industries	www.wattsindustries.com
Wavin	www.wavin.com
Wefa Plastic	www.wefaplastic.com
Winkler	www.winkler-heizung.at
Wirsbo Velta	www.velta.de

Your partner for electrical connectors.

Klauke expertise beyond the world of heating and plumbing.



Over the company's long history, Klauke has developed broad expertise in the field of **solderless connection technology**. Not only in the fields of **plumbing** and **heating technology**, but also every aspect of **electrical connections**. Klauke ranks among the world's leading technical innovators in this sector too.

Textron's strategic alliance with **Greenlee** enables us to offer complementary and matched product ranges for professionals. This international alignment highlights **"The Power of Partnership"** – and gives our customers the opportunity to focus on a partner for solderless connection technology. For both electrical connections and connections for plumbing and heating installations.

Verbindungen mit **System**
The **Power** of Partnership