

ASSEMBLY

HANDHELD PRE-ASSEMBLY MACHINE FOR CUTTING RINGS

pacel
PRESS



Focus in details®

schwer
fittings

EASY TO USE

NEW VERSION

Compared to all other available machines on the market, the new patented electro-hydraulic Pre-assembly tool, **Pace1Press**, from Schwer Fittings is a technological revolution. You will find the most possible **flexibility** with a machine easy to move and carry by hand.

The Pace1Press machine **only weighs 7 kg** and is powered by a **rechargeable battery** so you are independent of power sources. The machine is extremely powerful and can be used for all standard compression-ring sizes. And the best: you do only need **a minimum of working-space**.

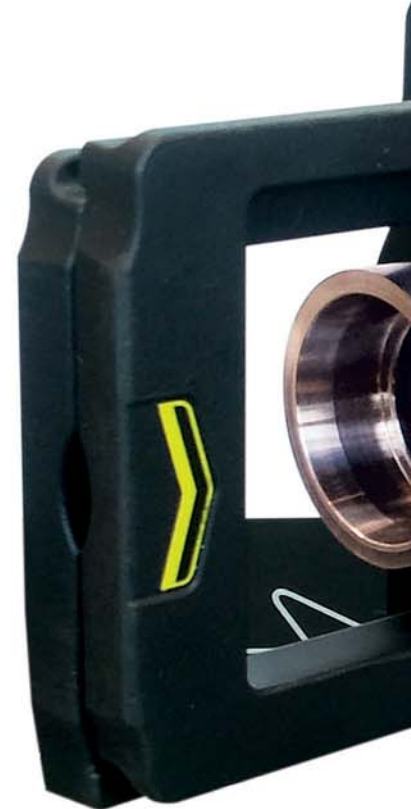
With the high grade of mobility and **independence of power-sources** you are capable of pre-assemble directly on your system without dismantling e.g. Maintenance on existing systems like in automotive, high-pressure Fire-safe-systems or shipbuilding.

This helps you to **shorten your working times**, which makes you more efficient and **saves you a lot of money**.

Advantages:

- **For consistent pre assembly quality**
- **Independent of any external power source**
- **May be used in a limited space**
- **Reduced assembly time, saves money**
- **For steel and stainless steel**

- **Light but extremely strong**
- **Easy to handle**
- **Convenient and easy to transport**
- **Revolutionary and patented engineering**



It's very easy to use:

Choose your tooling, adjust the corresponding pressure-level (you can find the information on the machine), Pre-assemble, ready.

Plates are no longer required due to intelligent engineering.

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QUICK

FOR CONSISTENT PRE ASSEMBLY QUALITY



Strong fixture for shoulder strap

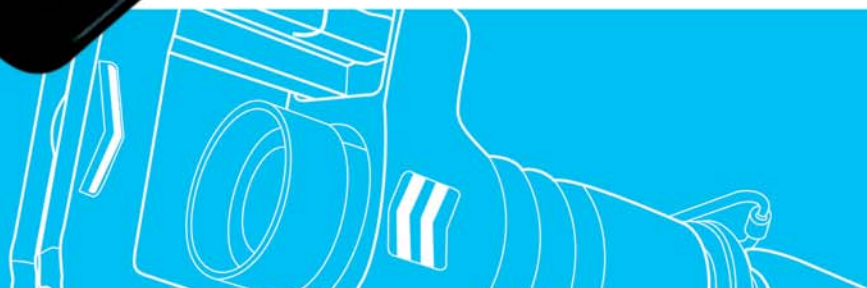
Easily adjustable for pressure rates, information is printed on the machine

Ergonomic design

Advantages of the new version

Quickly interchangeable tooling

- Hydraulic system – battery is only needed for the control drive motor
- Visible pressure adjustment
- Easy pressure adjustment
- Protected adjusting screw
- Li-Ion Battery, no memory-effect
- Stronger battery
- Balanced shoulder strap
- More features, same price
- Easy to move, wheeled case
- Charge level indicator
- On-Off switch
- Electronic maintenance indicator
- Lit work area
- Modern design
- Swivel head assembly
- Self-centralizing pipe position



LIGHT &

TECHNICAL SPECIFICATIONS



Technical specifications:

Battery operated Voltage: 18,0 V
Weight: 7 kg
Pipe diameter: min. 6 mm, max. 42 mm

Designed for Compression Fittings to EN ISO 8434-1 (DIN 2353). Precision casting nose part.

The machine can be used for 6 - 42L (L-series) as well as 6 - 38S (S-series) steel and stainless steel.
A fully charged battery would complete from 200 to 250 pre-assemblies.

Sales package includes:

- Pace1Press pre-assembling machine
- 18,0 V 3,0 Ah Li-Ion battery (2 included)
- Battery charger
- Shoulder strap
- Heavy Duty case
- Splash-proof
- Lubricant oil spray



Optional erhältlich:

- Wheeled case
- Sockets as needed
- Tripod stands
- Table stands

The Pace1Press is CE-certified, patented worldwide and available from stock.

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COMPACT

REVOLUTIONARY TECHNIQUE



Your Pace 1 will be delivered as a complete set, in a carrying case or a wheeled trolley.



FLEXIBLE

INSTRUCTION MANUAL

1. Choose the right parts

Choose the nut, cutting ring and socket to match the pipe. Notice differences between L- and S-types.

2. Pressure adjustment

The pressure adjustment is via a screw at the rear of the machine. Pressure ratings are listed below and also on the side of the Pace 1.

Different crimping pressures are needed, depending on the size and the material being used. After each operation, check that the crimping is correct and the ring has cut into the pipe.

Stainless Steel

3	6L, 6S	5	12L, 12S	9	22L	15	30S
4	8L, 8S	6	15L, 14S	11	28L, 20S	18	42L, 38S
5	10L, 10S	7	18L, 16S	12	35L, 25S		

Steel

2	6L, 6S	4	12L, 12S	8	22L	14	30S
3	8L, 8S	5	15L, 14S	10	28L, 20S	17	42L, 38S
4	10L, 10S	6	18L, 16S	11	35L, 25S		

This information you find on the right side of the machine as well.

3. Socket change

Adjust pressure back to zero. Squeeze the press button as long as the groove on the piston is visible. Detach the battery from the machine as measure of precaution. Detach the socket pin and the socket from the machine. Place new socket on the end of the piston and fasten it with the socket pin. Make sure that the socket is properly attached.

Attach the battery to the machine and by pressing the release button return the piston back to starting position. Apply oil spray on the inner surface of the socket.

4. Pipe installation

Place the nut and the cutting ring on the pipe.

Place the pipe firmly against the socket so that the nut and the cutting ring are between the socket and the clamps. Make sure that the pipe is straight in the middle of the clamps and in the right angle. Make sure that no fingers or anything irrelevant is between clamps and socket.

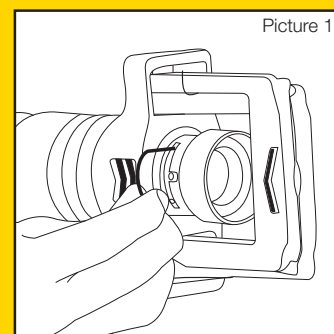
5. Pre-assembly

Make sure that nothing irrelevant is between clamps and socket. Pre-assembly is done by holding the machine firmly with other hand and holding the pipe from outside the clamps with the other hand and pulling it against the socket. Squeeze press button as long as the automatic release happens. Release the press button. Press release button and return the piston back to starting position. Open clamps and take the pipe away.

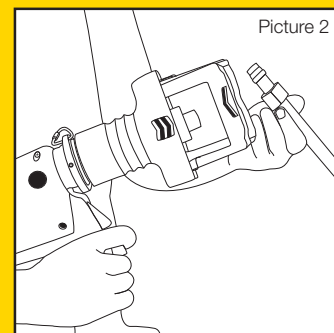
6. Checking the pre-assembly

Check that pre-assembly is done correctly, right amount of pressure was applied and that the cutting ring attached to the pipe in the right way. If the pre-assembly is not good enough, pipe must be cut and new pre-assembly has to be made. Adjust the working pressure again if needed.

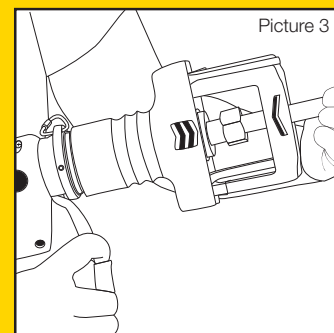
Remember to turn the adjustment screw to zero every time you stop working. Never use the machine if you notice any functional or mechanical problems. The manufacturer is not responsible of any damage caused by faulty machine. In problem situations contact your dealer.



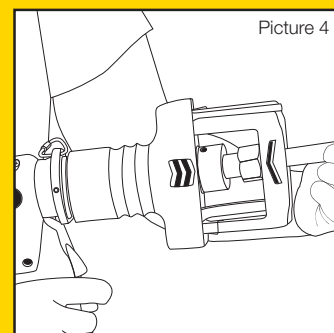
Picture 1



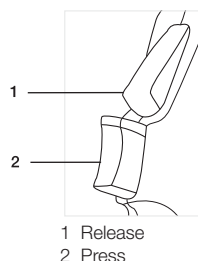
Picture 2



Picture 3



Picture 4



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RELIABLE

SAFETY INSTRUCTIONS

■ Warning!

In order to avoid any risk of electrical shocks, injuries and fire, please follow the enclosed safety instructions. Read and respect these instructions before using the machine. Keep this document.

■ General safety instructions

Choice of tool

Use the appropriate tool. Do not use tools or adaptable devices of too low a power rating to undertake heavy work. Do not use tools for other purposes than the work for which they have been designed.

Maintenance and storage

Store your tools in a safe place. Unused tools must be stored in a dry, locked place, out of reach of children. Maintain your tools carefully. Keep your tools clean to work better and more safely. Follow indications relative to maintenance and indications concerning changing accessories.

Keep handles dry and free of oil and lubricants.

Check whether the tool is damaged. Before using the tool, always carefully check that parts are functioning perfectly. Check whether moving parts are functioning correctly, whether they do not become stuck or if other parts are damaged. All the components must be assembled correctly and satisfy conditions to guarantee the tool's perfect operation. Every safety device, every switch and every other damaged or defective part must be repaired or replaced appropriately by a qualified technician.

■ Caution!

Ensure that you use the tool and its accessories in accordance with the safety instructions. Also understand take account of the tool's possibilities by paying attention to the working conditions and the task to be undertaken. Using the tool for tasks other than those intended may be dangerous.

This tool satisfies safety rules in force. All repairs must be undertaken by qualified professionals with original spare parts; if not, the tool may pose a danger for the user and invalidate the guarantee.

■ Safety instructions for the user

Keep children away. Do not allow other people to touch the tool; keep them away from your working area. Wear appropriate working clothes. Do not wear loose clothing or jewelry; they could be caught by moving parts. When working in the open air, it is recommended that rubber gloves and anti-skid heeled shoes are worn. Wear a hair net if you have long hair. Do not make the radius of your action too wide. Avoid adopting a position which is tiring for the body; ensure that your support on the ground is firm, and keep in balance at all times. Always be attentive. Look at your work, act in a sensible way and do not use the tool when you are tired.

■ Safety instructions relative to the working area

Keep order in your working area. Disorder in the working area increases the risk of an accident. Take account of the working area environment. Do not expose electrical tools to rain. Do not use electrical tools in a moist or damp environment. Ensure that the working area is well-lit. Do not use electrical tools if flammable liquids or gases are nearby.



■ Specific safety instructions

Pre-assembly machine

Do not put your fingers between piston and clamps when operating the machine. Risk of injury.

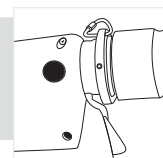
Disposal

If you want to dispose this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that require proper treatment, recover and recycling.



Warning

Do not remove the screw placed under the black plastic cap, because the internal hydraulic pressure can reach 700bar during normal use (this screw is only used by authorized technicians for controlling the pressure)



Battery

The tool is supplied with unloaded batteries. Before using, load batteries by using the charger supplied with the tool. Before a prolonged stocking, recharge battery.

Never short-circuit the connectors of a battery.

The battery pack contains dangerous products. Recycling of Ni-MH rechargeable batteries must be made in conformity with dispositions defined in the European regulation 91/157/CEE. Please, return your used battery to any authorized distributor or to an existing collection station to ensure its recycling.



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Charger

See battery charger instruction manual.

Advice

It is recommended to keep the tool away from dusty or rough places, in order to avoid wrong working. Although this tool is robust, it must be handled with care. After use, wipe the tool carefully and replace it in its case. In case of long storage, spray the metallic parts of the tool with oil. Keep the tool inside, in a ventilated warehouse. Avoid fast temperature changes, this can produce condensation.

Follow the Safety Instructions at work.

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