



Workstation incl. XLogic pressure monitoring

Original instruction manual Rev. 01

GB

US



Wieländer+Schill
Professionelle Karosserie-Spezialwerkzeuge

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1.1 Notes regarding this manual

Notice

Legislation stipulates that workers handling hydraulic driven riveting tools must be trained and instructed. The training and instruction must be carried out by a Wieländer+Schill instructor or an officially authorized W+S representative.

Handling

All handling necessary to ensure correct operation is described in the instruction manual. No work method other than that expressly approved by the manufacturer may be used.

State-of-the-art technology

This riveting tool represents state-of-the art technology. To ensure the functionality of the equipment, it must be operated in a proper and safe manner.

Faults

In the event of a fault, the user may only carry out repair work for the faults for which the relevant maintenance process is described in this manual.

Read operating instructions

Before using the XPress workstation, read the operating instructions carefully.



1.2 Explanation of symbols

There are some sections of this manual that use internationally known warning symbols, warning notes and general instructional symbols.

The individual symbols are explained below. **Follow all instructions and safety advice..**



Observe instruction manual



Warning!
General source of danger



Please note the following!



Observe general instructions



Warning!
System under pressure



Arrow showing direction!



Wear face mask



Wear gloves

Marking XLogic

**CAUTION High-Pressure Tank**

Maximum pressure 115 psi - recommended operating pressure 87 - 115 psi

Overfilling or technical modifications may result serious injuries

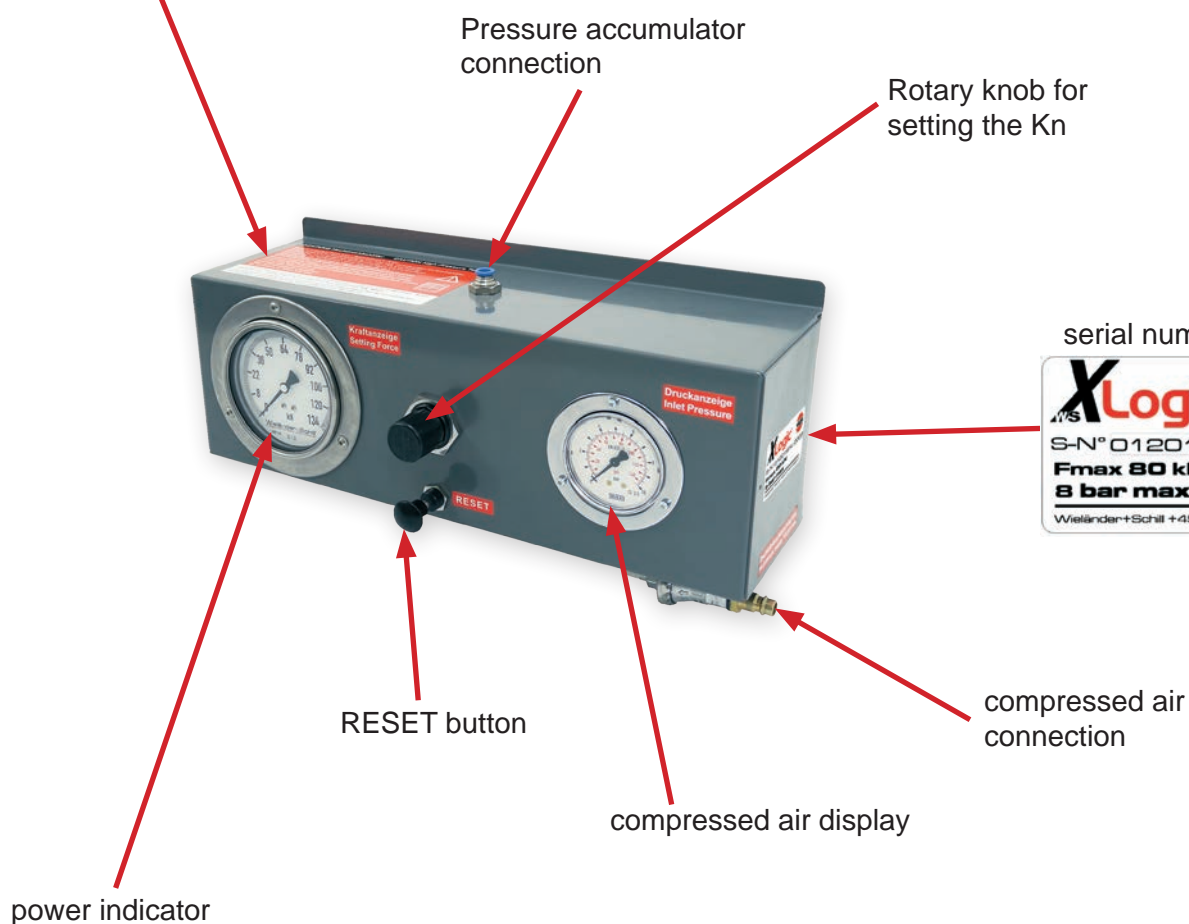
Fill tank only from a service station or similar at low pressure system (max. 115 psi)

Discharge tank when not in use

Wear suitable protective equipment

Do not remove or deface this label

The setting force display is only valid when using the original Wieländer+Schill riveting tool XPress 800 in combination with the short-stroke cylinder SSC 40mm.



On all blind rivet adapters, the knob for the force display must be set to the maximum value of 78kN



Force display only with Power Cylinders SSC 40mm



Scope of delivery

Upgrade Set

| | |
|----------------|---|
| 1 Piece | Workstation incl. XLogic pressure monitoring |
| 1 Piece | Power Cylinder SSC 40mm |
| 1 Piece | Spiral compressed air hose 4m |
| | |
| 1 Piece | Operation manual |
| | |
| Art. N° 700058 | |

Standard Set

| | |
|-----------------|---|
| 1 Piece | Workstation incl. XLogic pressure monitoring |
| 1 Piece | Power Cylinder SSC 40mm |
| 1 Piece | Power Pack |
| 1 Piece | Tool Box RS-06 (JLR) |
| 1 Piece | C-arm GC 80/40 |
| 1 Piece | C-arm GC 80/120 |
| 1 Piece | C-arm GC 140/240 |
| 1 Piece | Spiral compressed air hose 4m |
| | |
| Art. N° S700058 | |

Full Set

| | |
|-----------------|---|
| 1 Piece | Workstation incl. XLogic pressure monitoring |
| 1 Piece | Power Cylinder SSC 40mm |
| 1 Piece | Power Pack |
| 1 Piece | Blind rivet adapter BR20 |
| 1 Piece | Blind rivet adapter BR50 |
| 1 Piece | Tool Box RS-06 (JLR) |
| 1 Piece | Blind rivet nut adapter BRN50 |
| 1 Piece | Tool Box RS-04 (BRN50) |
| 1 Piece | C-arm GC 80/40 |
| 1 Piece | C-arm GC 80/120 |
| 1 Piece | C-arm GC 140/240 |
| 1 Piece | Spiral compressed air hose 4m |
| | |
| Art. N° F700058 | |

optional accessory

| | | |
|---------|--------------------------|----------------|
| 1 Piece | Blind rivet adapter BR80 | Art. N° 700112 |
| 1 Piece | extension 90mm | Art. N° 700113 |
| 1 Piece | mouth piece 4,8LA | Art. N° 700216 |
| 1 Piece | mouth piece 5,5LA | Art. N° 700451 |
| | | |

Safety instruction



The XPress-Workstation is strictly approved only for the purpose intended by the manufacturer.



Only genuine accessories may be used. Use of non-genuine tools or accessories represents a major safety hazard.



Ensure that only trained and instructed personnel use this equipment. Use of the equipment by personnel that have not been trained and instructed is prohibited.



Ensure that the instruction manual is made available to operating personnel.



Observe the applicable national regulations for accident prevention.



Because metallic parts can break up and fly off with high energy if the tool is faulty or operated incorrectly, protective gloves and face mask must strictly be worn for all applications of the equipment.



As a result there is a risk of severe physical injury. See also ANSI Z87.1-1989.



Never misuse the tool or let it to untrained personnel.



The tool must only be used in ambient temperature of above 5 °C (41°F) and up to maximum 50 °C (122°F).



The tool must never be used in potentially explosive areas.



Route all supply lines in a manner that prevents people from tripping over them. Correctly route and attach the compressed air hose. If a compressed air hose whips around wildly, it could cause severe physical injury.



Before starting work, check the pre-set air pressure! Incorrect air pressure could cause equipment damage or physical injury!



Make sure that the XPress-Workstation is always supplied with clean and dry compressed air; quality class 2 as per ISO 8573-1.

Contamination of the compressed air or the compressed air supply lines can cause damage to the unit.



Always disconnect the XPress-Workstation from the compressed air supply when leaving the work site!
Discharge tank when not in use



The manufacturer accepts no liability for damage or injury caused by improper repair or the use of replacement parts made by other manufacturers.



The device is not suitable for transporting persons.

5.1 Maintenance



The complete system, including fast couplings and hoses must be kept free of dirt and other contamination.



All service and maintenance work may only be performed by trained and instructed technicians or by the manufacturer. If you should have technical problems or need a service technician please contact the service number below:



Foreign materials in the compressed air lead to malfunctions of the device and can therefore also cause injuries.



Condensation water accumulates in the tube frame. This must be drained at regular intervals.



All maintenance and service work must only be performed once the pump has been disconnected.



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5.2 Warranty

The XPress-Workstation of Wielander + Schill come with a 12 month warranty against material and manufacturing defects. This does not cover normal wearing parts of the actuator and adapters.

The warranty period begins from the date of delivery, as specified on the invoice or delivery note.

The warranty is valid for the user / buyer provided that the tool is obtained from an authorized sales outlet and is used as described in the instruction manual and for the purpose for which it was designed.

The warranty becomes invalid if the tool is used for purposes other than those for which it was designed.

In addition, the warranty becomes invalid if the tool is not used as described in the instruction manual.

In the event of defect or fault, Wielander & Schill will only repair or replace faulty parts at its own discretion..

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Please note before commissioning



Before each start-up of the Workstation, check its condition for possible damage. Defects on the device can lead to injuries during operation.



Make sure that the air pressure in the supplying compressed air network does not exceed 115 psi.



Defective components or possible defects must be replaced or repaired by qualified personnel.



Ensure that the compressed air hose is laid in such a way that persons are prevented from tripping!

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7.1 Technical data



| | |
|--------------------|---------------------------|
| Length with handle | 82 cm |
| Width with wheels | 61 cm |
| Height | 113 cm |
| | |
| Filling | as far as 8 bar / 115 psi |

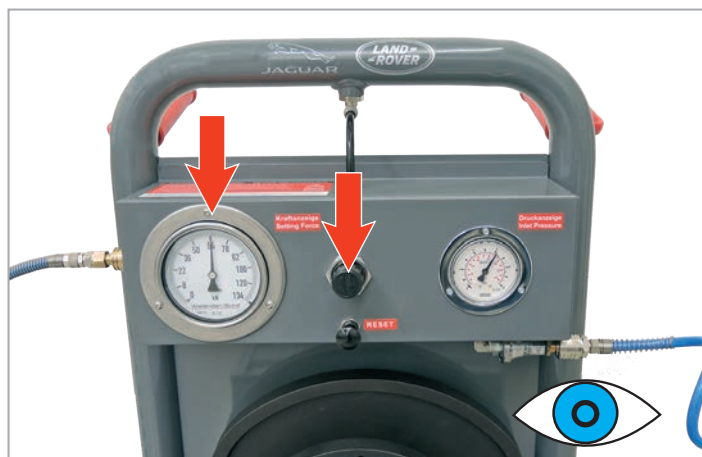
7.2 Connecting and operating the XLogic

Connect compressed air to the tube frame and fill the workstation with max. 115 psi.



Set the desired/required kn on the middle rotary knob.

Pull knob, Adjust kn and push knob in again.

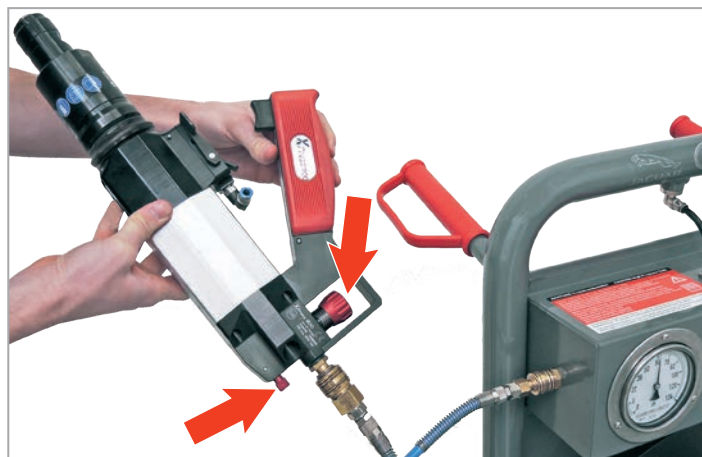


Connect the PowerPack to the spiral compressed air hose and connect the short-stroke cylinder SSC 40 for work.



ATTENTION!

At the PowerPack speed + pressure regulation valve, turn both regulators completely open.



The complete unit is now ready to work.



7.3 Reset and Restart



If the compressed air supply is interrupted, there is still sufficient compressed air available for a complete operation.

It is displayed how much compressed air is still available afterwards. However, no further work step can be carried out.



Check where the compressed air was interrupted.

Disconnect the compressed air hose from the XLogic.

Correct the fault why the air was interrupted.



Empty air completely from tubular frame.

Keep reset button pressed for at least 3 seconds. Power indicator drops to 0kN.



Reconnect compressed air.

Tubular frame is being filled.

The workstation is now ready for use again.

7.4 Drain condensation water from the frame

There is a screw connection at the bottom of the workstation.



Open the screw connection and drain off condensation water.



7.5 Assembly storage box



The storage box consists of 2 parts.

Pos. 1: Art.N° 703439

Box with one large compartment

Pos. 2: Art.N° 703440

Box with drawers



The pins on the storage box are locked in the recesses on the base plate of the XPress Workstation.



Mounting the storage box:

The box is raised at the front.

Insert the back part of the box with the pins into the rear mounting holes to the base plate.

Now also insert the front part of the box into the recesses provided.



Push the storage box backward until it locks, with light pressure down.

Remove the storage box from the XPress Workstation:

Push the lever on the box up and pull it slightly forward.



Lift the box at the front part and then remove it from the XPress Workstation.



Distributors Worldwide

Here you can find our worldwide distributors:

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