

**LEISTER**

# Operating manual conversion kit 146.514 VARIMAT V2, Renolit solar profiles

Leister Technologies AG  
Galileo-Strasse 10  
CH-6056 Kaegiswil/Switzerland  
Tel. +41 41 662 74 74  
Fax +41 41 662 74 16  
[www.leister.com](http://www.leister.com)  
[sales@leister.com](mailto:sales@leister.com)



# Application not for North America



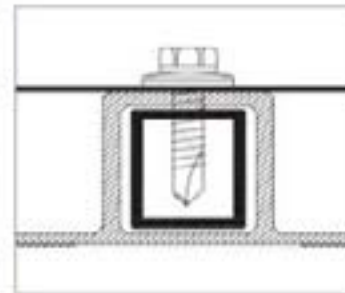
Due patent-protected situation is this kit not to apply for North America!

# Easy welding of Renolit profiles for solar panels



## Ohne Auflast - ohne Dachdurchdringung

- Sehr leicht
- Einfache, sichere und schnelle Montage
- Kann auf bestehenden Dächern nachgerüstet werden
- Geeignet für alle Arten von Solarmodulen
- Geprüft für Windgeschwindigkeiten bis zu 200 km/h



### Bauteile des ALKORSOLAR Systems:

Extrudierte ALKORSOLAR Kunststoffprofile:  
 RENOLIT ALKORPLAN<sub>20mm</sub> (PVC-F)  
 RENOLIT ALKORTEC<sub>20mm</sub> (EVA)  
 Länge: 3 Meter  
 Basisprofil: 80 mm breit  
 Wanddicke Kunststoff: 3 mm  
 Höhe: 33 mm  
 Breite: 30 mm

RENOLIT ALKORPLUS<sub>20mm</sub>  
 Aluminiumstangen 20x25  
 Länge: 3 Meter  
 Dicke: 2 mm  
 Höhe: 25 mm  
 Breite: 20 mm  
 Aluminiumqualität:  
 EN5730 T6-ALMgSi (1,5 F22)

RENOLIT ALKORPLUS<sub>20mm</sub>  
 selbstschneidende Edelstahlschraube  
 mit Dichting  
 Durchmesser: 6,3 mm  
 Länge: 25 mm  
 Edelstahl: A2  
 Schraubenkopf: SWB

- Welding with 20 mm VARIMAT nozzle
- Recommended parameters: 4 m/min, 550°

# Step 1

## Demounting of air belt





# Step 2

## Demounting of guide shaft



# Step 3

## Removing of guide shaft

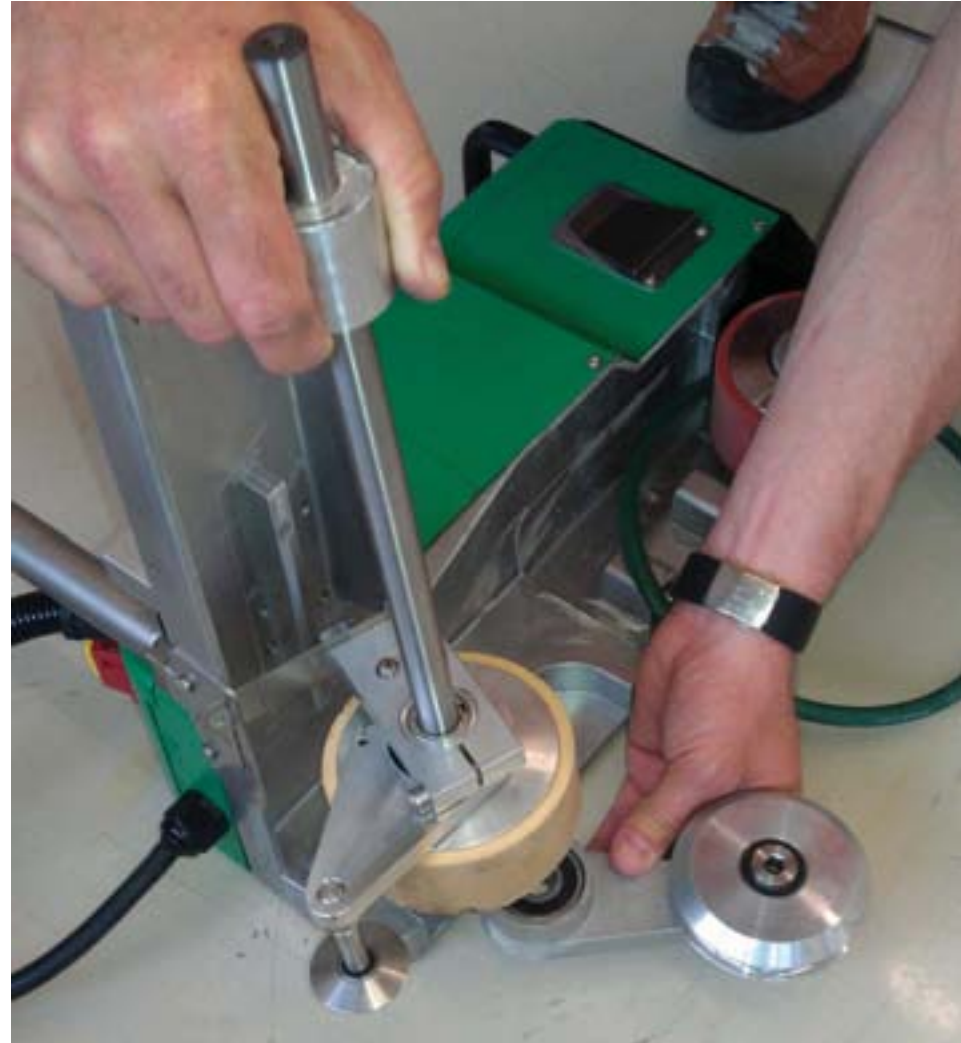


# Step 4

## Removing of transport shaft



1. Demounting of knob

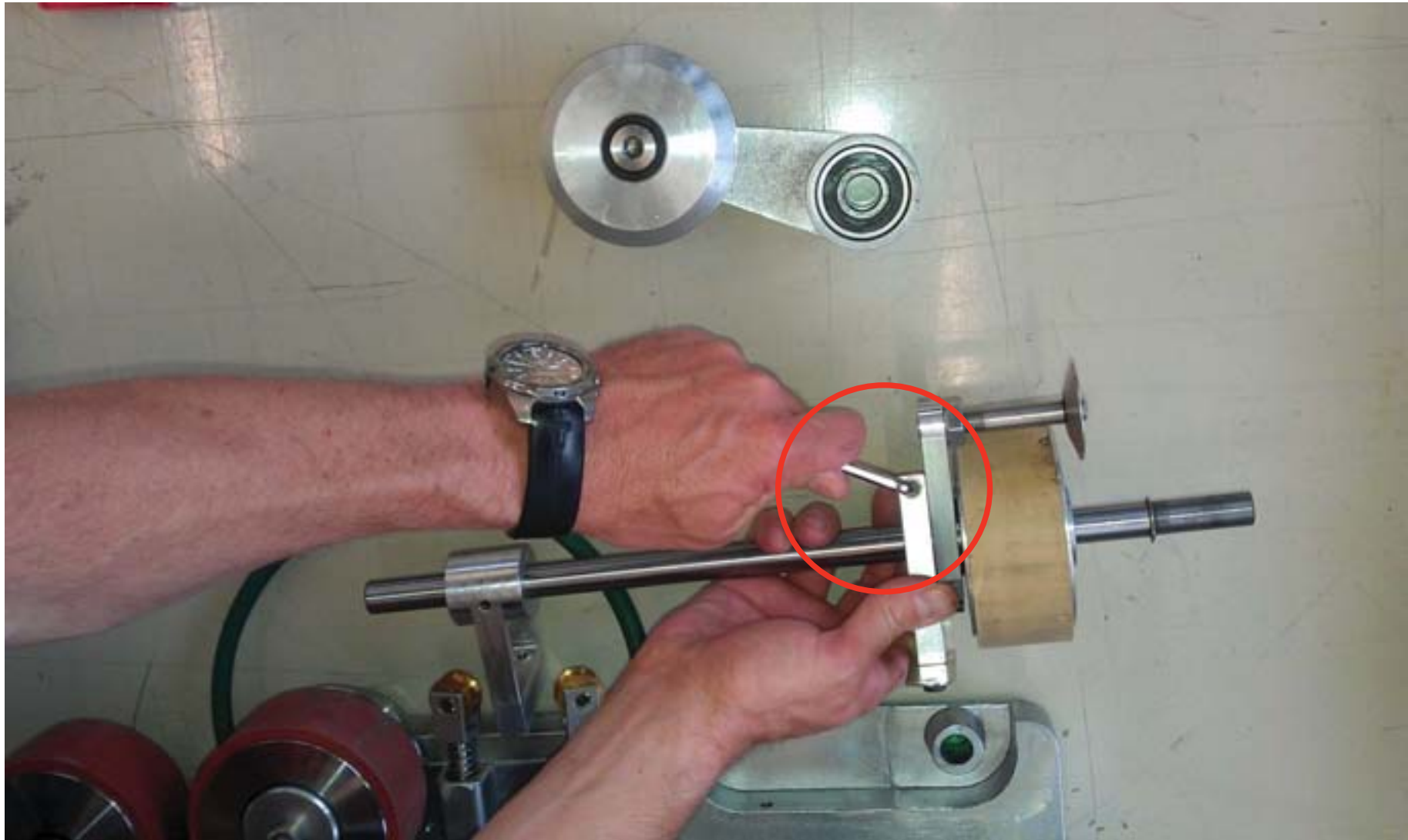


2. Pull out of guide shaft



# Step 5

## Demounting of bracket transport axle





# Step 6

## Removing transport roll and guiding wheel

1. Removing of security gland



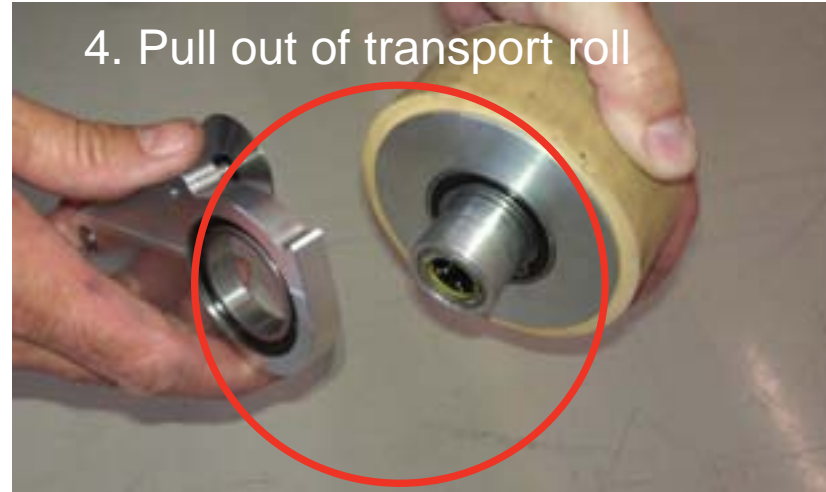
2. Pull out of axel



3. Removing of second security gland



4. Pull out of transport roll



# Step 7

## Insertion of guiding roll/ transport roll



# Step 8

## Mounting of transport axel

1. Fixation of security gland



2. Mounting of transport axel



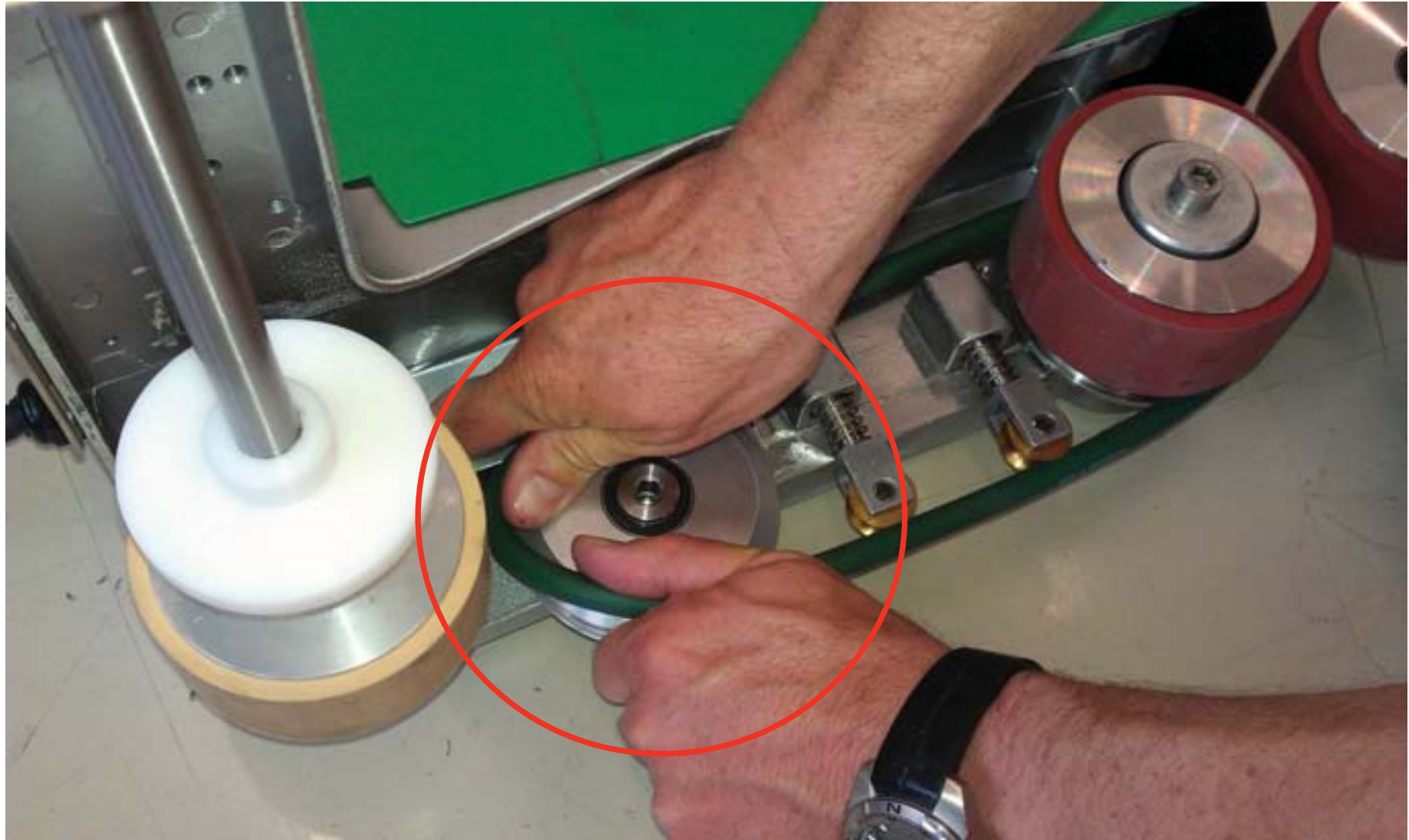
3. Fixation of transport axel





# Step 9

## Mounting of air belt



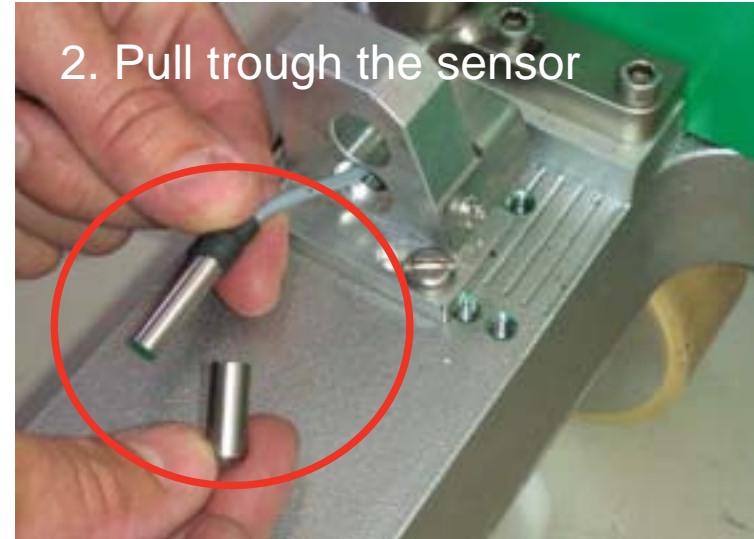
# Step 10

## Adjust of drive sensor

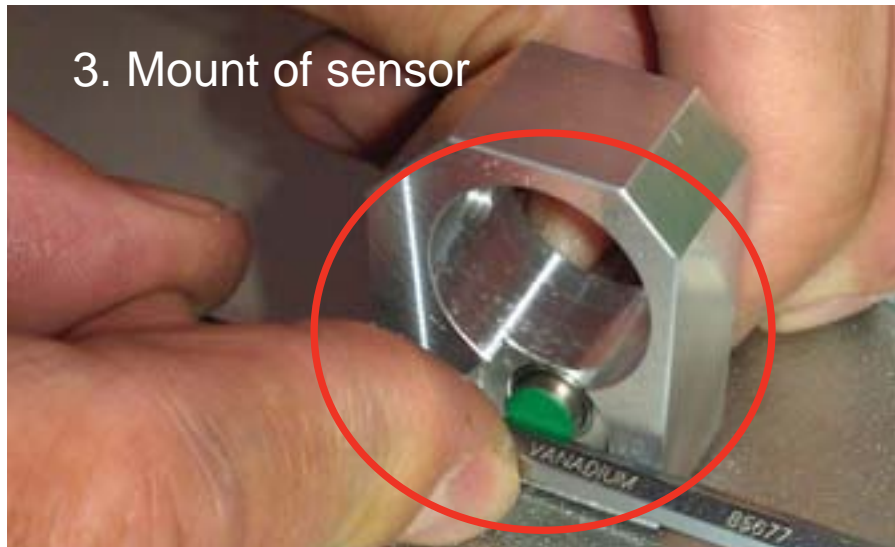
1. Loosening of screw



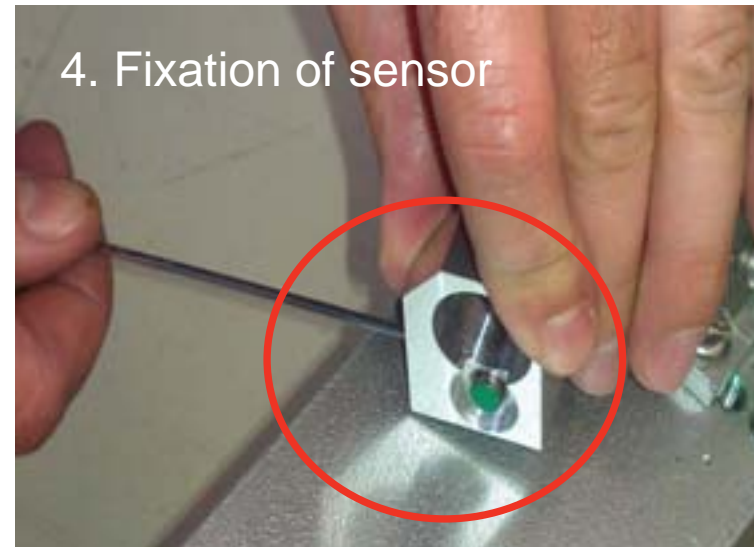
2. Pull trough the sensor



3. Mount of sensor

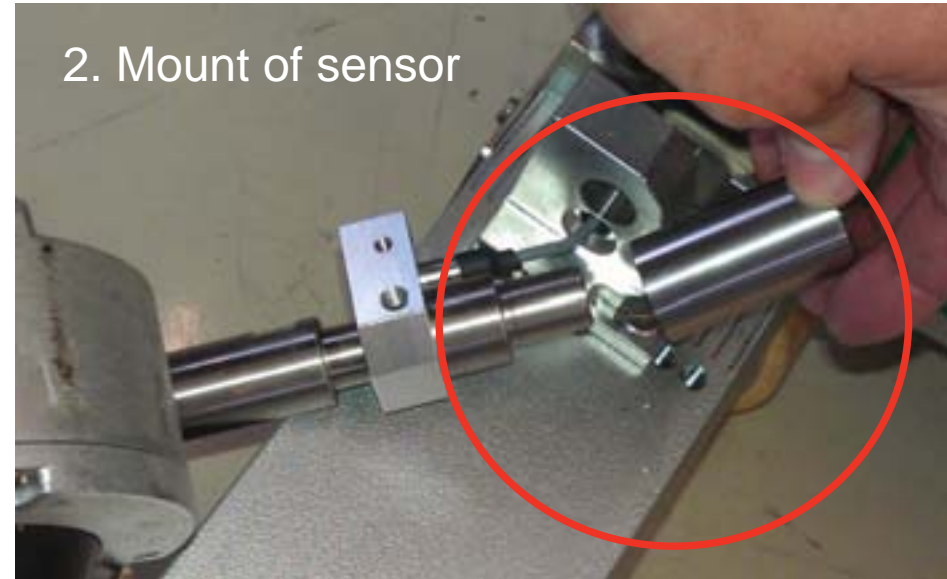
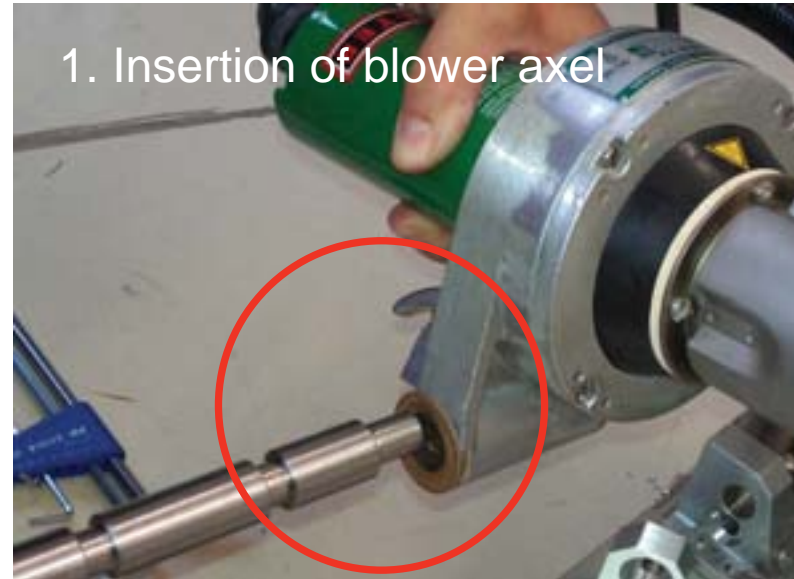


4. Fixation of sensor



# Step 11

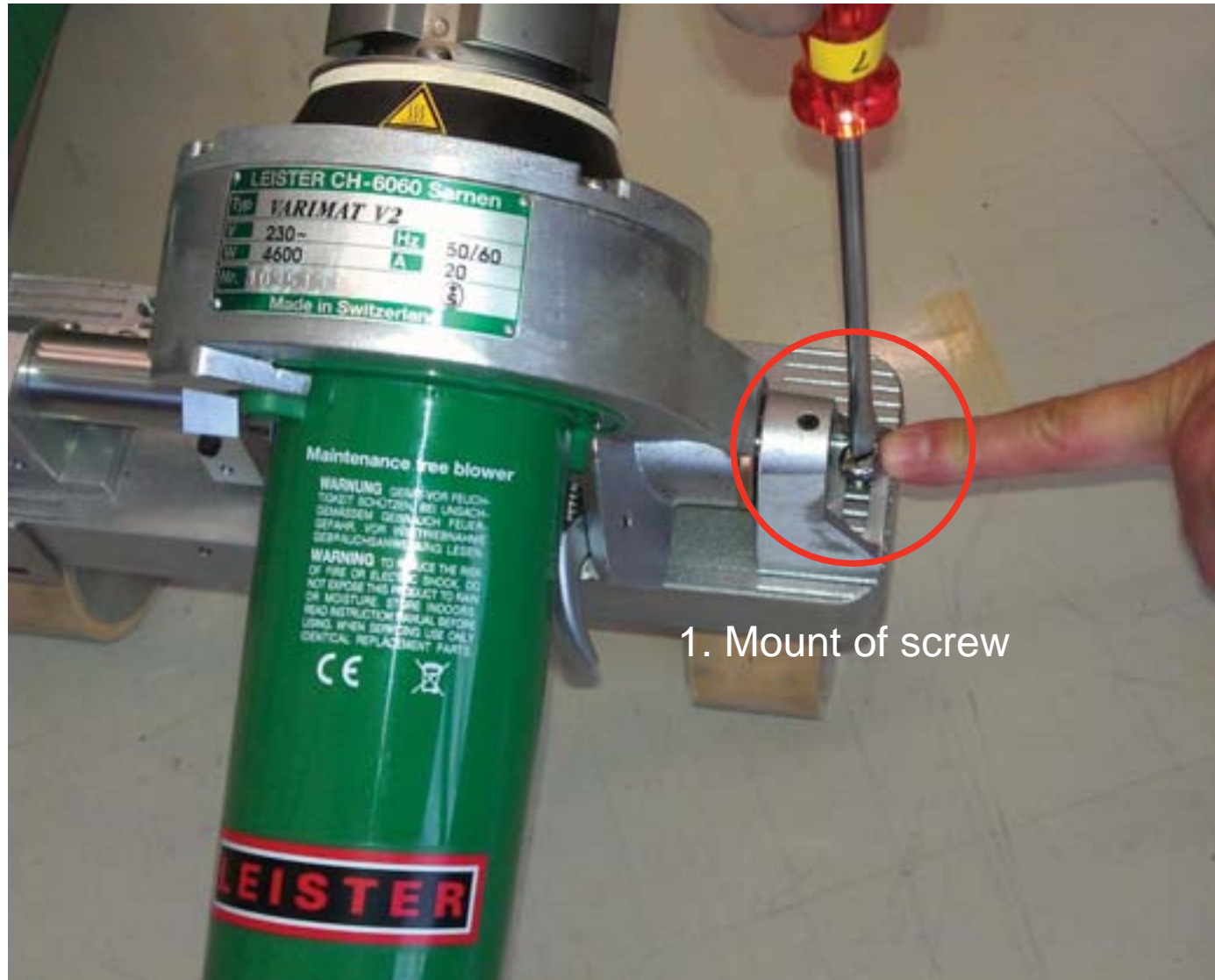
## Insertion of blower axel





# Step 12

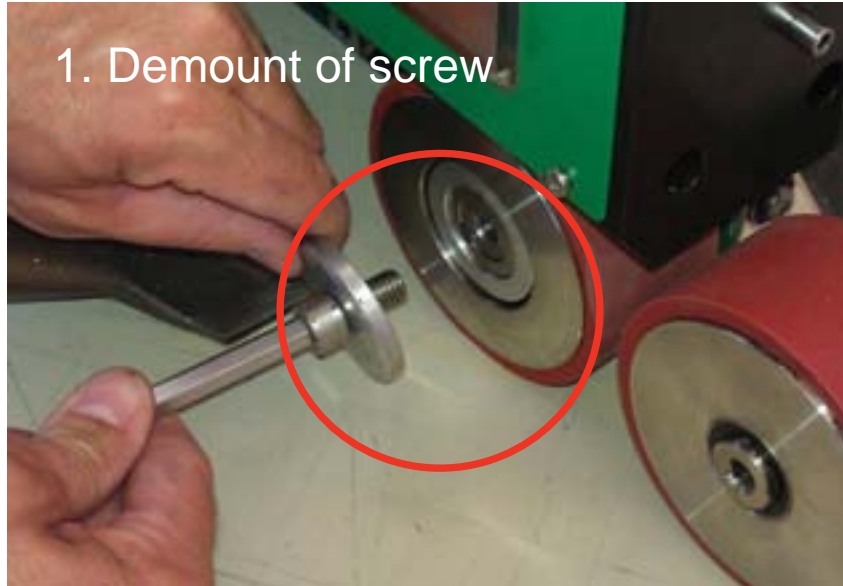
## Pre mounting of blower axel



# Step 13

## Mount of pressure roll

1. Demount of screw



2. Mount of pressure wheel



3. Secure the pressure wheel



# Step 14

## Adjust of pressure wheel



Ideal distance is between 15-18 mm.



# Step 15

## Adjust of guiding wheel



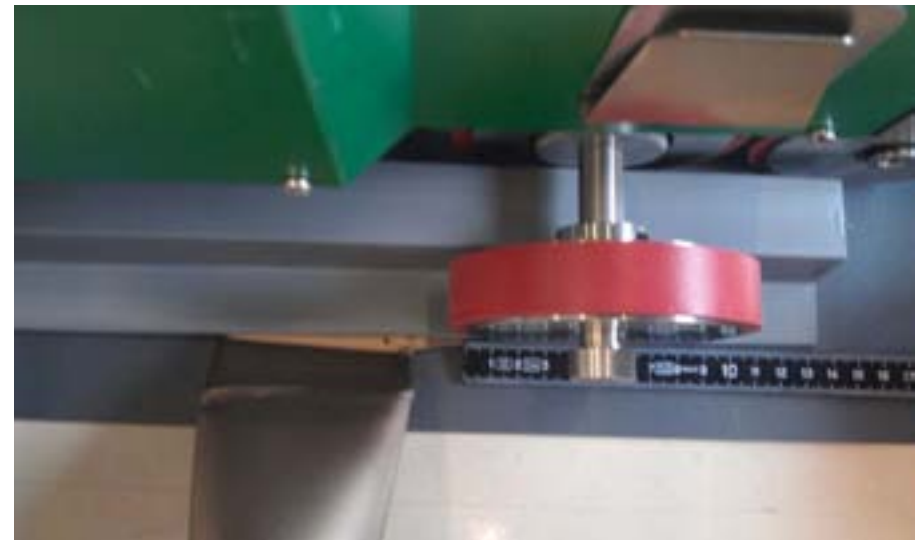
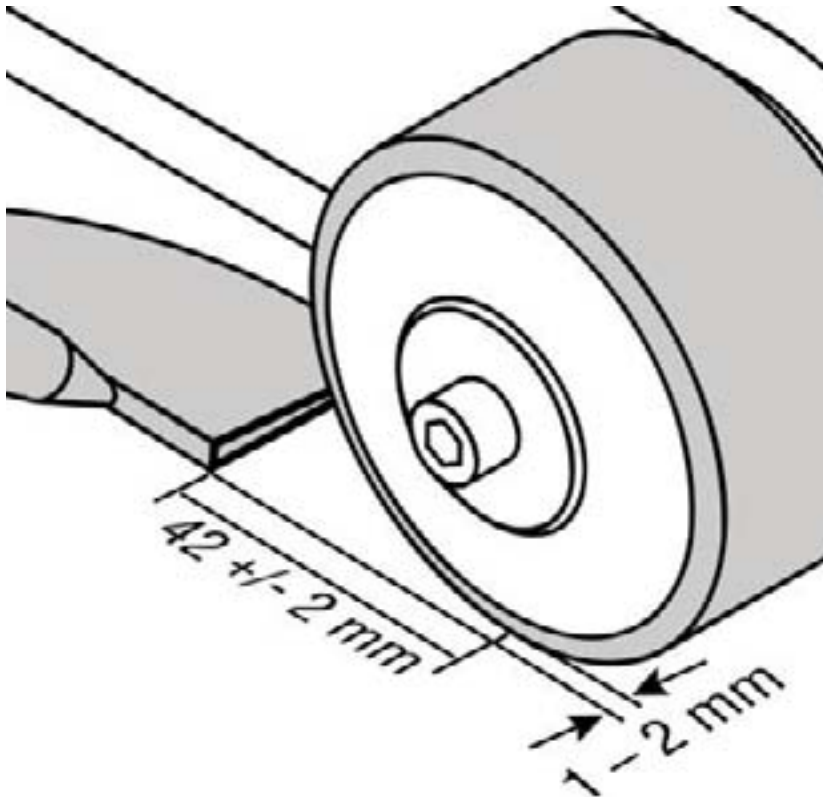
# Step 16

## Mount of 20 mm VARIMAT nozzle, Art.110.805



# Step 17

## Standard 20mm nozzle adjust





# Assembly drawing

