

## TECHNICAL DATA

## BETAGUN III

Rated input ..... 500 W  
Ejection rate ..... 30–250 ml/min  
Weight according EPTA-Procedure 01/2003 ..... 4,6 kg

### Noise Information

Measured values determined according to EN 60745.

Typically, the A-weighted noise levels of the tool are:

Sound pressure level (K = 3 dB(A)) ..... 83 dB(A)  
Sound power level (K = 3 dB(A)) ..... 94 dB(A)

### Wear ear protectors!

### Vibration Information

Total vibration values (vector sum in the three axes)  
determined according to EN 60745.

Vibration emission value  $a_{h1}$  ..... < 2,5 m/s<sup>2</sup>  
Uncertainty K = ..... 1,5 m/s<sup>2</sup>

## WARNING

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN 60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period. Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

**WARNING! Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.  
**Save all warnings and instructions for future reference.**

## SAFETY INSTRUCTIONS

**Wear ear protectors.** Exposure to noise can cause hearing loss.

**Use auxiliary handles supplied with the tool.** Loss of control can cause personal injury.

Do not pierce the motor housing as this could damage the double insulation (use adhesives).

Always disconnect the plug from the socket before carrying out any work on the machine.

Only plug-in when machine is switched off.

Keep mains lead clear from working range of the machine. Always lead the cable away behind you.

Use cartridges and mixer only once and never individually (or singly).

Longer ejection intervals (in excess of 4 min.) cause the mixer to be blocked, thus preventing its further use.

Do not press fast reverse drive button during ejection.

Any noises from the electric cartridge pistol must be investigated; on no account must the work be continued.

Repairs must only be carried out by specialist engineers.

## SPECIFIED CONDITIONS OF USE

Electric cartridge pistol with integrated mixer for the use of two-component-cartridges.

Do not use this product in any other way as stated for normal use.

## EC-DECLARATION OF CONFORMITY

We declare under our sole responsibility that the product described under "Technical Data" fulfills all the relevant provisions of the directives 2011/65/EU (RoHS), 2014/30/EU, 2006/42/EC and the following harmonized standards have been used:

EN 60745-1:2009 + A11:2010  
EN 55014-1:2017  
EN 55014-2:2015  
EN 61000-3-2:2014  
EN 61000-3-3:2013  
EN 50581:2012

Winnenden, 2018-02-19

*Alexander Krug*  
Alexander Krug  
Managing Director



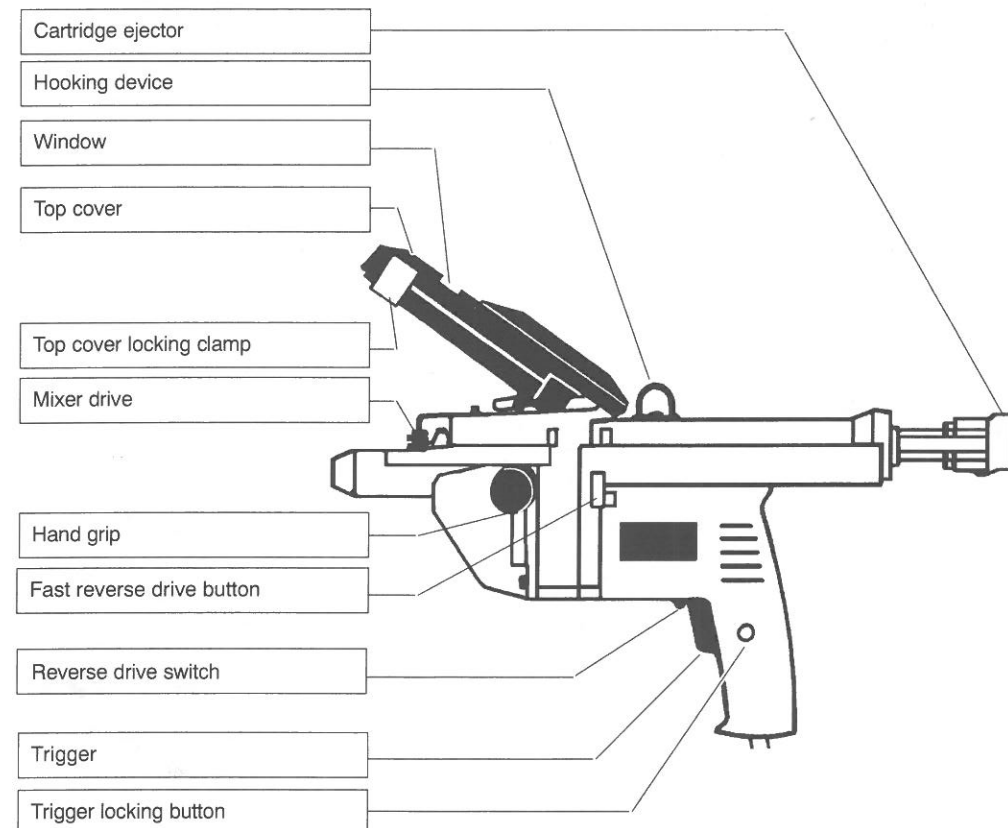
Authorized to compile the technical file

Techtronic Industries GmbH  
Max-Eyth-Straße 10  
71364 Winnenden  
Germany

## MAINS CONNECTION

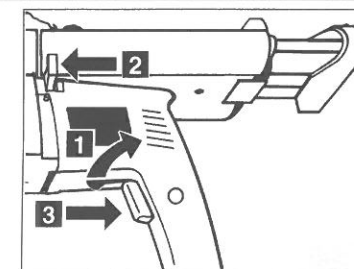
Connect only to single-phase a.c. current and only to the system voltage indicated on the rating plate. It is also possible to connect to sockets without an earthing contact as the design conforms to safety class II.

## BRIEF DESCRIPTION

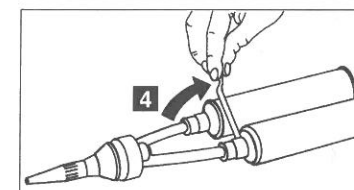


## ADVICES FOR OPERATION

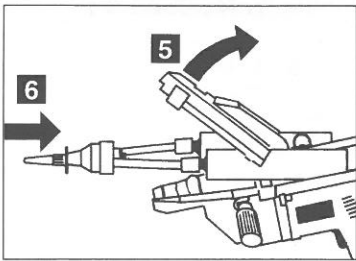
1. Push the reverse drive switch.
2. Press the fast reverse drive button.
3. Press the trigger.



4. Remove the safety ring from the cartridgeset.

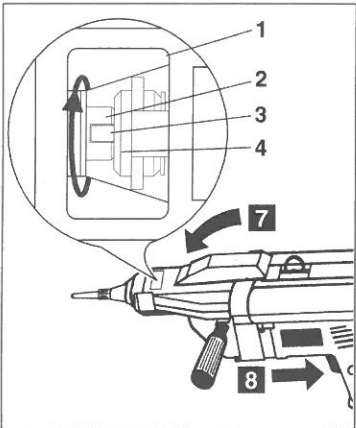


5. Press the top cover locking clamps and open the top cover.
- Before inserting the cartridges please check whether the clutch of the mixer drive is pushed forward. Check the parts for contamination and clean them if necessary. Lubricate them. Check the fasteners for damage and proper seat. Check the clutch mechanism for easy going. It must be possible to move the drive and the slide by hand. The parts of the clutch mechanism must always be lightly greased to prevent them from wear.
- Should any of the above parts not work properly, the function of the mixer is not guaranteed anymore and therefore adhesive components cannot be mixed adequately. In this case do not continue to work with this machine!



6. Insert the set.

7. Close the top cover (the clamps must engage).
- Before applying the adhesive substance check through the window (1) whether the mixer shaft (2) is still working. To check, shortly depress the trigger. The driver pins (3) of the drive (4) must grasp the mixer shaft (2) and the mixer shaft must be rotating. In case the mixer shaft (2) is not rotating, the adhesive components are not being mixed although it might be possible that some adhesive substance is leaking from the mixer unit. In this case the worn parts must be exchanged (BETAGUN Maintenance Set Driver 4931 3604 82)
- Exchanging is easy and can be carried out by yourself. Detailed instructions are attached to the maintenance set.



8. Press the trigger.
- The cartridges are automatically pushed against front and rear. The ejection rate can be controlled by finger pressure on the trigger and ranges from minimum 30 ml to 250 ml per minute.

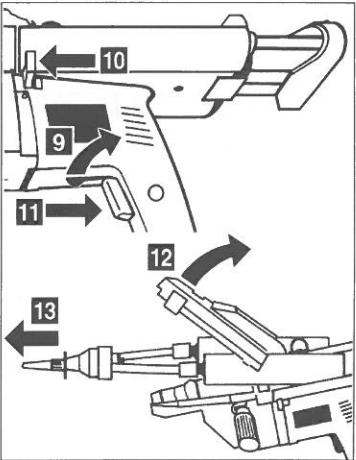
9. Push the reverse drive switch to the left and hold.

10. Press the fast reverse drive button and hold.

11. Press the trigger.

12. Press the top cover locking clamps and open the top cover.

13. Remove the set.



## MAINTENANCE

To ensure perfect performance of the BETAGUN it is important to regularly submit the tool to maintenance.

### Ventilation slots

Keep the machine's ventilation slots clear. Take care they are not covered.

### Mains lead

Check the mains lead for damage before switching on the tool. If necessary, exchange the lead.

### Mixer drive

The components of the clutch mechanism and the mixer drive must be lubricated and easy-going to prevent from wear. The mixer drive must be cleaned and lubricated once a week. In case of visible wear please check the mixer shaft whether it is still working and mixing properly when applying adhesive substance. If not, the parts must be exchanged (see step 7).

### Carbon brushes

The BETAGUN switches off automatically when the carbon brushes are worn. Both exchanging the carbon brushes as well as repairs must only be carried out by specialist dealers.

## SYMBOLS



CAUTION! WARNING! DANGER!



Always disconnect the plug from the socket before carrying out any work on the machine.



Please read the instructions carefully before starting the machine.



Do not dispose of electric tools together with household waste material. Electric tools and electronic equipment that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility. Check with your local authority or retailer for recycling advice and collection point.



Class II tool, tool in which protection against electric shock does not rely on basic insulation only, but in which additional safety precautions, such as double insulation or reinforced insulation, are provided. There being no provision for protective earthing or reliance upon installation conditions.



European Conformity Mark



Ukraine Conformity Mark



EurAsian Conformity Mark