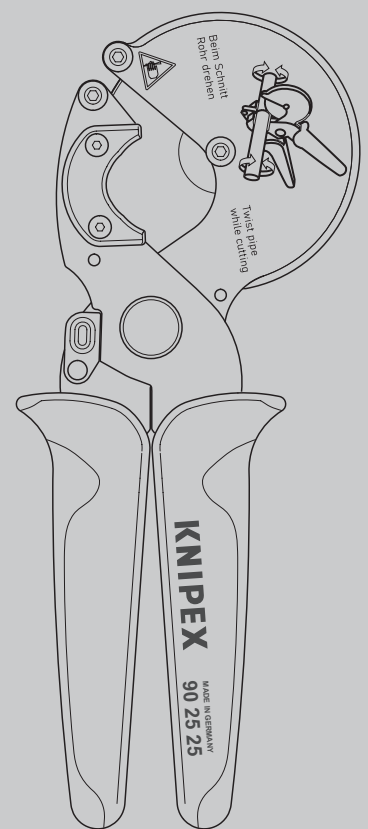


## Operating instructions

### **EN** Pipe Cutter for composite and plastic pipes

90 25 25



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## 1 General

### 1.1 Notes on operating instructions

These operating instructions are designed to enable you to use your tool safely and efficiently.

The tool may only be used if it is in technically perfect condition.

As a consequence of technical developments, the illustrations and descriptions contained in these operating instructions may differ slightly from the tool actually delivered.

We do not accept any liability for damage caused by failure to observe these operating instructions.

### 1.2 Symbols used

All safety instructions in these operating instructions are indicated by corresponding symbols. The signal words at the beginning of each safety instruction express the extent of the Hazard.



#### **Danger!**

##### **Level 1 risk source**

This combination of symbol and signal word indicates an imminently hazardous situation that will result in death or serious injury if not avoided.



#### **Warning!**

##### **Level 2 risk source**

This combination of symbol and signal word indicates a possibly hazardous situation that may result in death or serious injury if not avoided.



#### **Caution!**

##### **Level 3 risk source**

This combination of symbol and signal word stands for important information that helps to prevent damage to property or the environment.

### 1.3 Copyright

These operating instructions and all documentation supplied with this tool are protected by copyright and remain the property of KNIPEX.

The reprinting of these instructions, even in extract form, is only permitted with the written consent of KNIPEX C. Gustav Putsch KG.

### 1.4 Guarantee and warranty

The manufacturer grants a statutory warranty in accordance with the current sales and delivery conditions. No further warranties or assurances are granted.

Within the warranty period, the warranty covers the rectification of all defects that can be traced back to material faults or manufacturing errors.

Wearing parts are excluded from the warranty.

The repair or replacement of a tool shall not result in an extension of the warranty period. Tools shall only be repaired or replaced with "as new" parts, whose function corresponds to that of the old parts. All defective and hence replaced parts are the property of the manufacturer.

Warranty claims shall expire in particular if:

- Damage is caused through improper operation, use for purposes other than those specified by the manufacturer, or poor maintenance.
- Repairs or conversions are carried out by unauthorized persons.
- Original accessories or spare parts from KNIPEX are not used.
- Defective components are not repaired immediately to minimise the extent of the damage and so as not to impair the safety of the tool (obligation to repair).

For the rest, reference is made to the liability and warranty regulations of the current sales and delivery conditions.

## 2 Safety

### 2.1 Intended use

The tool is intended for the following uses:

- Cut aluminium composite and plastic pipes with an external diameter of up to 26 mm.

The tool must **not** be used for the following applications:

- Cut pipes from metal or non-ferrous metals such as copper or stainless steel.

Any use beyond the intended purpose or any unauthorized modification shall be considered improper. The operator shall be liable for damages resulting from improper use.

Intended use also includes adhering to these operating instructions. They must be read in full before use.



#### **Danger!**

#### **Danger: Sharp cutter blade and high cutting forces!**

When using the tool, make sure never to place your fingers or other extremities under the cutter blade!

The tool operates using high cutting forces. This can cause serious injury as extremities can be severed.



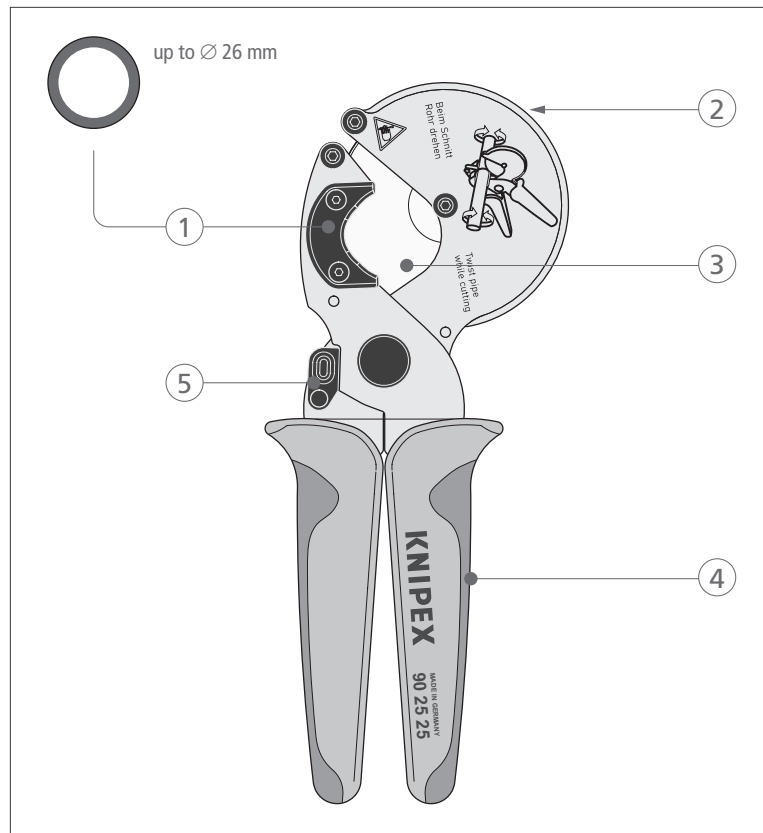
#### **Warning!**

#### **Risk of injury from flying parts!**

When using the tool, make sure that people in your vicinity are not injured by flying parts.

### 3 Design and function

#### 3.1 Design



Structure of the pipe cutter for composite and plastic pipes

- 1 Plastic support for securing the pipe for a right-angled cut
- 2 Blade guard
- 3 Replaceable cutter blade (cutting wheel) made of special tool steel
- 4 Ergonomic multi-component grips
- 5 Retaining bars for safe transport

#### 3.2 Function

The pipe is pushed through the cutter blade (cutting wheel) onto the plastic supports. This centres the pipe and automatically fixes it at an exact 90° angle to the cutter blade (cutting wheel).

By squeezing the handles and rotating the pipe or tool at the same time, the cutter blade (cutting wheel) gradually penetrates the pipe to be cut, which reduces the effort required.

## 4 Operation

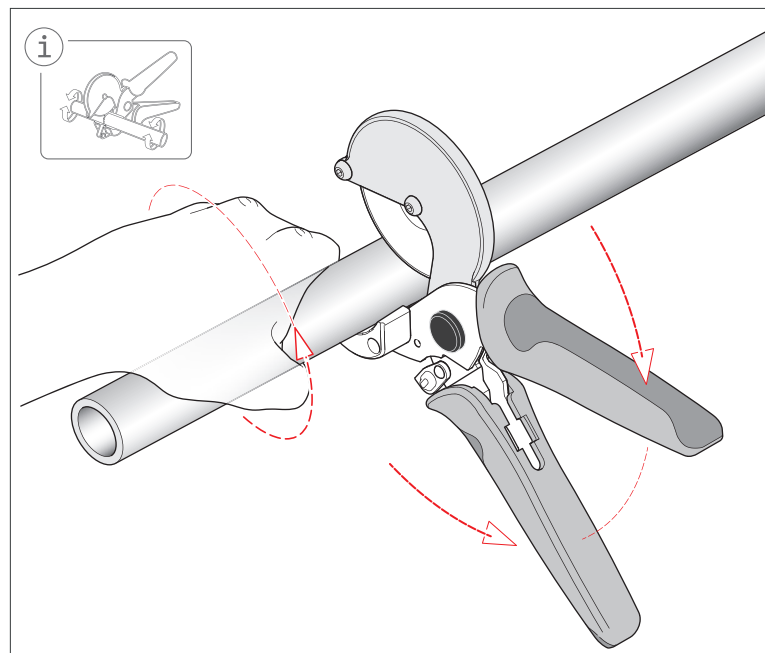
### 4.1 Cutting composite and plastic pipes

Composite and plastic conduit pipes are available both in standard lengths and on a roll.

Depending on the design, the pipe can be cut in two different ways using the pipe cutter in order to minimise distortion and to keep the cutting force as low as possible.

#### 4.1.1 Cutting pipes of standard length

1. Place the pipe at the required point between the plastic supports and the cutter blade (cutting wheel) and gently squeeze the handles.
2. With your other hand, twist the pipe to score it all the way around.
3. Continue rotating the pipe a few turns, applying constant pressure until it is completely severed.

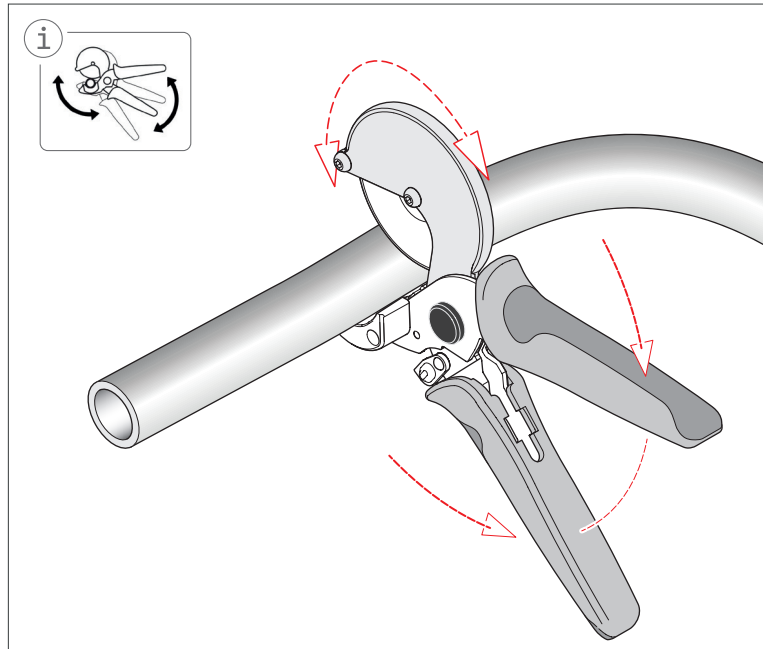


Cutting pipes (standard lengths)

## OPERATION

### 4.1.2 Cutting pipes from a continuous roll or already installed pipes

1. Place the pipe at the required point between the plastic supports and the cutter blade (cutting wheel) and gently squeeze the handles.
2. While maintaining constant pressure on the pipe, move the pipe cutter back and forth until the blade penetrates the pipe.
3. Squeeze the handles together fully to completely separate the pipe.



Cutting pipes from a continuous roll or pipes that have already been installed

## 5 Maintenance



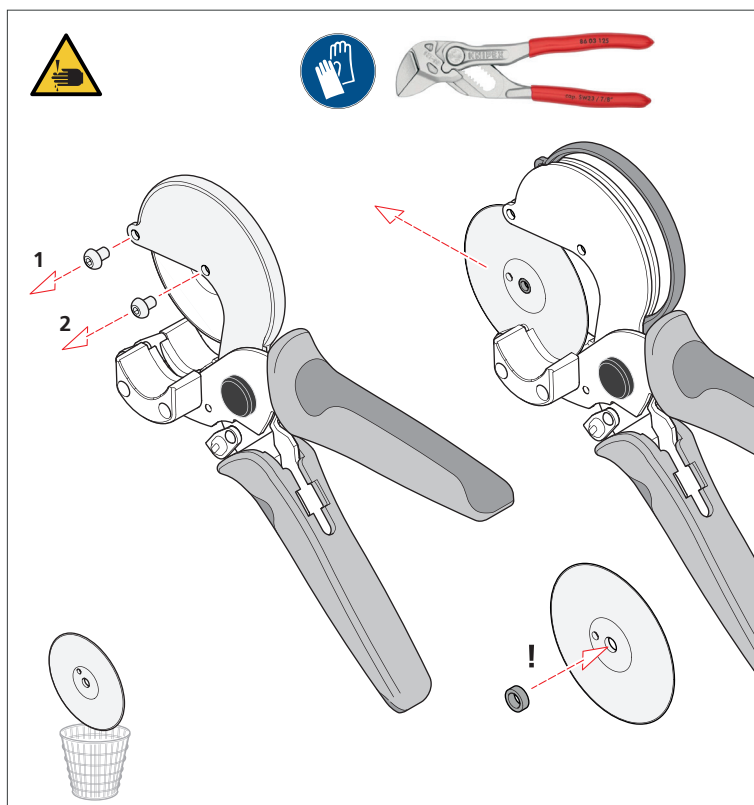
### Warning!

#### Danger due to sharp blades!

When changing the cutter blade, use appropriate pliers to grip the blade (cutting wheel) and wear cut-resistant gloves.

### 5.1 Changing the cutter blade (cutting wheel)

1. First unscrew the outer screw (1) and then the inner screw (2) with a 2.5 mm hexagon socket key.
2. Pull the blade guard up far enough to allow enough space to draw the blade forward.



Changing the cutter blade (cutting wheel)

3. Then pull out the cutter blade with the pliers while the tool is open.
4. Dispose of the used cutter blade (cutting wheel) correctly. Be careful not to cut yourself on the blade.
5. Insert the new cutter blade (cutting wheel) with the new spacer sleeve precisely into the pipe cutter. Insert a new screw (2) to secure the cutter blade in place (do not tighten it yet).
6. Now press down the blade guard until the mounting holes are aligned.
7. Now insert a new screw (1) on the outside and hand-tighten both screws (1 + 2).



## 6 Technical data

	Unit	
Item number Pliers	–	90 25 25
Article number Replacement cutting wheel	–	90 29 25 E01
Dimensions	mm	210 x 38 x 81
Weight	g	390
Material tool body	–	Chrome vanadium steel, oil-hardened
Knife material	–	Special tool steel, oil-hardened
Capacity	mm	up to $\varnothing$ 26,0

## 7 Disposal

Ensure that the dismantled parts of the tool are properly recycled.



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