

# RK70

INSTRUCTION BOOK



CORDLESS ROUND KNIFE

**TYPICAL**

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**Reserve technical changes!**

The contents were carefully prepared and checked by the publisher. Due to continuous development, illustrations, functional steps and technical data may differ slightly.

**Updating the documentation**

If you have suggestions for improvement or have detected any irregularities, please contact us.

 The documents for the machines can be accessed by logging on <https://www.vetrontypical.com/> downloaded for free.

 CE marked after §7 ProdSG



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### General Safety Instructions

These instructions and any markings on equipment are intended to ensure a safe operation. Read them carefully.

- » Equipment may only be used for its intended purpose and with proper protective equipment. Relevant locale specific safety regulations and technical data must be considered.
- » Keep these instructions at hand.
- » The cutter may only be operated by personnel that has been instructed in its use and is familiar with these safety instructions.
- » Repair and maintenance-related tasks must be carried out by trained professionals.
- » Operate only in clean and well-lit areas.
- » Do not operate in close proximity to flammable or explosive materials or in explosive environments.
- » Do not expose the cutter or accessories to fire or temperatures over 50°C.
- » Operators must keep a safe distance from other personnel while operating the cutter.
- » The cutter may not be operated under the influence of alcohol, certain pharmaceuticals, when sleep deprived or otherwise impaired.
- » Keep the cutter dry. Do not operate it in damp environments.
- » Make sure the device is turned off when not in use.
- » Make sure the device is turned off before connecting it to a power source.
- » Keep your hands and loose clothing away from the knife.
- » Do not operate the cutter with the knife facing towards you or other persons.
- » Wear safety goggles when operating the tool.
- » Do not operate the cutter if the knife is stuck. Do not attempt to remove objects stuck in the knife casing by hand.
- » Do not operate cutters that have developed a fault. Only fully functional cutters may be operated.
- » Keep the cutter clean.
- » Do not operate the cutter with a dull or damaged knife.
- » Keep the handle dry and clean. Do not operate the cutter with wet or greasy hands.
- » Only use the power cord and charger supplied by the manufacturer.
- » Only operate / charge the cutter with the specified rating.
- » Do not operate cutters with damaged power cables or battery packs.
- » Do not keep the power cord under tension to prevent mechanical damage.
- » Do not use the power cable or battery pack for other equipment.

### Maintenance Safety Instructions

- » Maintenance and adjustment may only be done by qualified personnel.
- » Disconnect the cutter from its power source (electrical outlet or battery pack) before performing any maintenance work or making adjustments to the tool.
- » Store unused tools safely.
- » Regularly check the cutter for damage and wear.

### Storage Safety Instructions

- » Store unused cutters in a dry and clean environment.
- » Do not store in excessively hot spaces.
- » Ideally store the cutter and knife separately.
- » Store blades so they do not grind against each other or other objects that may dull their edge.
- » Keep battery pack contacts away from metal objects.

### Battery Pack Safety Instructions

- » Before using the battery pack, read all instructions carefully.
- » Use only the supplied battery charger to charge packs.
- » Do not operate the cutter with a damaged battery pack.
- » Do not disassemble the battery pack or make changes to it.
- » Do not attempt do repair damaged battery packs. Damaged battery packs must be put out of commission in accordance with applicable standards and laws.
- » Battery packs with a significantly decreased capacity must be put out of commission.

# 01. PREFACE

## 02. SYMBOLISM



### **DANGER!**

This symbol, in combination with the word **DANGER**, indicates an imminent danger that may result in serious injury or death.



### **WARNING!**

This symbol in combination with the word **WARNING** indicates a potentially hazardous situation which, if not avoided, could result in serious injury or death.



### **ATTENTION!**

This symbol in combination with the word **ATTENTION** may indicate a potentially hazardous situation that could result in minor personal injury.



### **DANGER OF CUTS!**

This symbol indicates that there is an increased risk of cuts here.



### **CRUSHING!**

This symbol indicates that there is a heightened risk of crushing.



### **RISK OF BURNS!**

This symbol indicates that there is an increased risk of burning here.



### **MAGNET!**

This symbol indicates that there is a magnet field.



### **INFORMATION!**

This symbol displays information.



### **ADVICE!**

This symbol indicates important information.



### **HARMFUL TO HEALTH!**

May damage certain organs. Can lead to immediate and long-term massive impairment of health, cause cancer, damage genetic material, fertility or development. May be fatal if infiltrated into the respiratory tract.



### **HAZARD TO WATERS!**

May cause acute or long-term damage to aquatic organisms such as fish, aquatic insects and aquatic plants in low concentrations.



### **PROTECTIVE EARTHING!**

Earthing one or more points of a network, installation or equipment for the purpose of electrical safety.



### WARNING!

Danger of cutting. Stay clear of the knives **1** and **2** when not absolutely necessary.



### WARNING!

Danger of cutting. Only operate the tool wearing proper protective equipment (safety goggles, cut resistant gloves). Maintain a firm grip on the tool at all times.



### WARNING!

Danger of burns. The round knife **1** heats up during operation or when sharpened. Do not perform any work on the knife directly after using the tool. Do not cut flammable material with a hot knife.



### Warning!

Danger of crushing. The tool, especially the battery pack is heavy and may cause injury when falling. Always maintain a firm grip and do not position the tool on the edge of any surface to prevent it from being knocked over.

# 01. PREFACE

## 04. INTENDED USE / DECLARATION OF CONFORMITY

### CORDLESS ROUND KNIFE FOR CUTTING FABRIC IN THE CLOTHING AND LEATHER INDUSTRY

This piece of equipment is intended to be used to cut a variety of fabric and leather up to a maximum thickness of 25 mm using a rotating octagonal knife and lower knife. The cutter is designed for flexible handling and has an integrated grinding tool to comfortably sharpen the knife.

Typical applications:



Men's formal wear



Women's formal wear



Shirts



Denim



Dress pants



Skirts and dresses



Bags



Upholstery



Automotive



Flags



#### INTENDED USE

Any use not approved by the manufacturer is considered improper! Proper use also includes compliance with the prescribed operating, adjustment, maintenance and repair measures. Damage due to non-intended use is not covered by the manufacturer's liability!

#### CE-CONFORMITY DECLARATION

This piece of equipment complies with the applicable European regulations of relevant basic health and safety requirements, which are specified in the declaration of conformity and manufacturer.

## **TYPICAL RK 70 CORDLESS ROUND KNIFE**

### Technical Data Typical RK 70

|                           |                  |
|---------------------------|------------------|
| Battery voltage           | 10.8V (Max. 12V) |
| Power                     | 160W             |
| Rotating speed            | 1800r/min        |
| Knife diameter            | 70 mm            |
| Knife shape               | octagonal        |
| Cutting capacity          | Max. 25 mm       |
| Weight incl. battery pack | 1.2 kg           |
| Carton dimensions         | 38x25x11 cm      |

More information under:  
[www.vetrontypical.com](http://www.vetrontypical.com)

# 01. PREFACE

## 06. TRANSPORT - PACKAGING - DISPOSAL - STORAGE | FIRST COMMISSIONING / DECOMMISSIONING

### TRANSPORT - PACKAGING - DISPOSAL - STORAGE

#### 01. Transport

All equipment is delivered packaged.  
Checked product for damages after delivery.  
The manufacturer assumes no liability for subsequent damages incurred in the customers care.  
Make sure that the product is transported safely and with care at your facility.

#### 02. Packaging

The packaging must be disposed of in accordance with local environmental protection regulations.

#### 03. Disposal

The customer is responsible for proper disposal. Disposal must comply with local environmental regulations.



#### NOTE!

Parts contaminated with lubricants or oils must be disposed of separately.

#### 04. Storage

When not in use for extended periods of time, equipment must be protected against dirt, moisture and corrosion (e.g.: by an oil film).

### FIRST COMMISSIONING

01. Clean the product thoroughly before first use.
02. Please check if the tool or electrical cables are damaged.
03. Have specialists confirm that you are allowed to operate the equipment with the mains voltage at your facility and that it is correctly set up.
04. Make sure the guard is properly in place.



#### NOTE!

- 1.) Should the product deviate from its intended condition, **DO NOT** use it!
- 2.) Only connect the machine to a grounded power outlet!

### DECOMMISSIONING

01. Engage the lock switch.
02. Remove the battery.
03. Disconnect the charger from the power supply.
04. Clean the tool if necessary.
05. Store safely in accordance with the provisions in this manual and workplace safety regulations.

## 02. MACHINE DESCRIPTION

### 01. FRONT VIEW



- 1** Finger guard
- 2** Blade cap
- 3** Knife oiler
- 4** Lock switch
- 5** Finger guard screw
- 6** Counter knife
- 7** On-off switch
- 8** Battery pack clip
- 9** Battery pack

## 02. MACHINE DESCRIPTION

### 02. BACK VIEW



- 1** Guide plate
- 2** Presser foot
- 3** Lower Knife
- 4** Finger guard
- 5** Oil nozzle
- 6** Blade
- 7** Blade sharpener

## 02. MACHINE DESCRIPTION

### 03. BATTERY PROTECTION SYSTEM

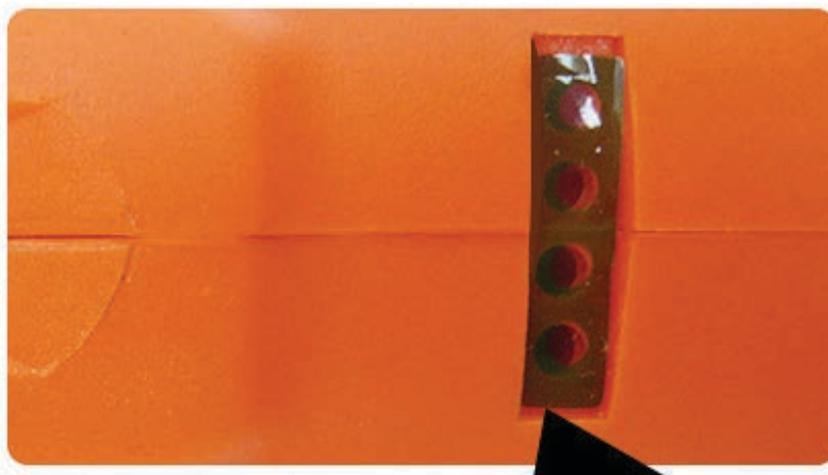
The cutter is equipped with a battery protection system that automatically cuts power in situations that might cause damage to the battery. The battery protection system will then automatically stop the cutter.

The protection system is activated:

- » In case of electrical system overload.
  - › Attempt to turn the cutter off and on again. If it does not start, the battery has overheated.
    - Wait for the battery to cool down, then start the machine again.
- » When the battery voltage drops.
  - › This means the battery power is running low. If the battery has been recently charged, have it checked. Otherwise charge it.

## 02. MACHINE DESCRIPTION

### 04. POWER DISPLAY



On the back of the cutter is a row of four LED lights that indicate the remaining battery power level.

#### POWER LEVEL INDICATION

| LED status | Remaining Power |
|------------|-----------------|
| ● ON ○ OFF |                 |
| ●●●●       | 100% - 75%      |
| ○●●●       | 75% - 50%       |
| ○○●●       | 50% - 25%       |
| ○○○●       | 25% - 0%        |



#### NOTE!

Depending on ambient temperature and battery condition, the accuracy of this indication may vary.



### WARNING!

Turn the cutter off and engage the lock switch before inserting or removing the battery.

### INSERTING THE BATTERY

01. Make sure the battery slot is clean and unobstructed.
02. Make sure the lock switch is engaged.
03. Push the battery into the handle until the clips on the side of the battery lock in place.
04. Make sure the battery sits firmly in the slot.

### REMOVING THE BATTERY

01. Press and hold down the clip buttons **1** on the sides of the battery.
02. Pull the battery from the slot.

## 03. OPERATION

### 02. TURN MACHINE ON / OFF



The cutter is started with the on/off switch on the underside of the handle. To prevent accidental starting of the machine, it is also secured with a lock switch on the opposite side of the cutter.

To start the machine:

01. Disengage the lock switch **1** by pushing it towards the battery pack.
02. Push the power button **2** to start the tool.



#### **NOTE!**

Re-engage the lock switch when you stop operating the machine.



**WARNING!**

Danger of cutting. Stay clear of the knife when operating the tool and maintain a firm grip on it.



**ADVICE!**

Make sure there is always enough tension on the material, especially when working with thin fabrics.

01. Line the knife up where you want to cut the material.
02. Turn the tool on.
03. Firmly push the knife along where you want to cut the material. Do not apply too much pressure. If the knife does not cut the material properly, try tighten it in front of the knife.

## 03. OPERATION

### 04. ADJUST THE FINGER GUARD



#### **WARNING!**

Danger of cutting. Turn the tool off and engage the lock switch before adjusting the finger guard.

**1** Positioning screw

**2** Finger guard

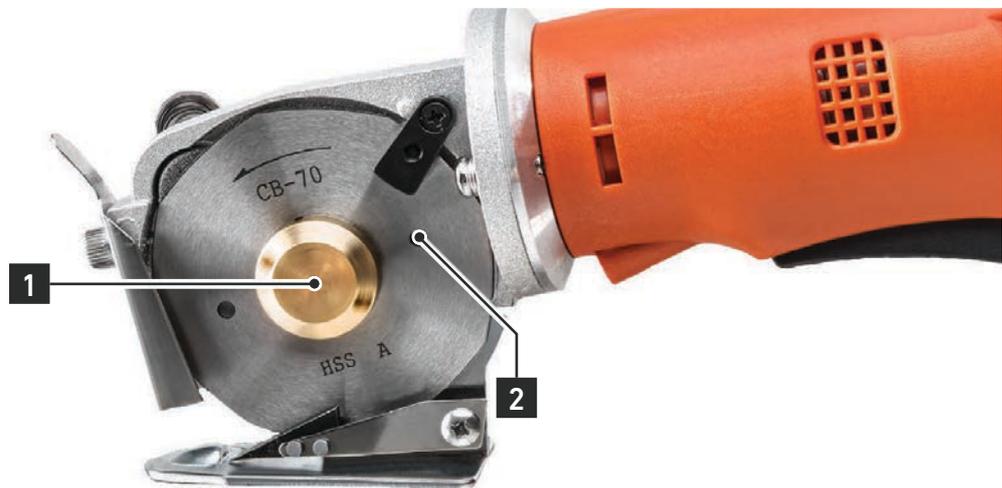
01. Loosen positioning screw.

02. Use the latch on the top end of the finger guard to adjust the position.

03. Re-tighten the screw to set the new position.

## 04. MAINTENANCE

### 01. REPLACE THE KNIFE



#### WARNING

Danger of cutting. Turn the tool off before replacing the knife. Avoid contact with knife's edge during when replacing the knife. Make sure the knife is properly secured before operating the tool again.



#### WARNING

Danger of burns. Knives can heat up during operation. Let the tool cool down before replacing the knife.

01. Insert the locking pin (shipped in the knife set) into the knife's locking hole **2**.
02. Loosen the knife cap **1** with a special wrench.
03. Remove the locking pin again.
04. Remove the knife cap and knife.
05. Place the new knife with its flat, labeled surface facing the tool.
06. Insert the locking pin.
07. Put the knife cap back in place and tighten it to secure the knife.

# 04. MAINTENANCE

## 02. SHARPEN THE KNIFE



### WARNING

Danger of cutting. Sharpening the knife requires the tool to run. Handle it carefully, stay clear of the knife's edge and wear protective equipment.



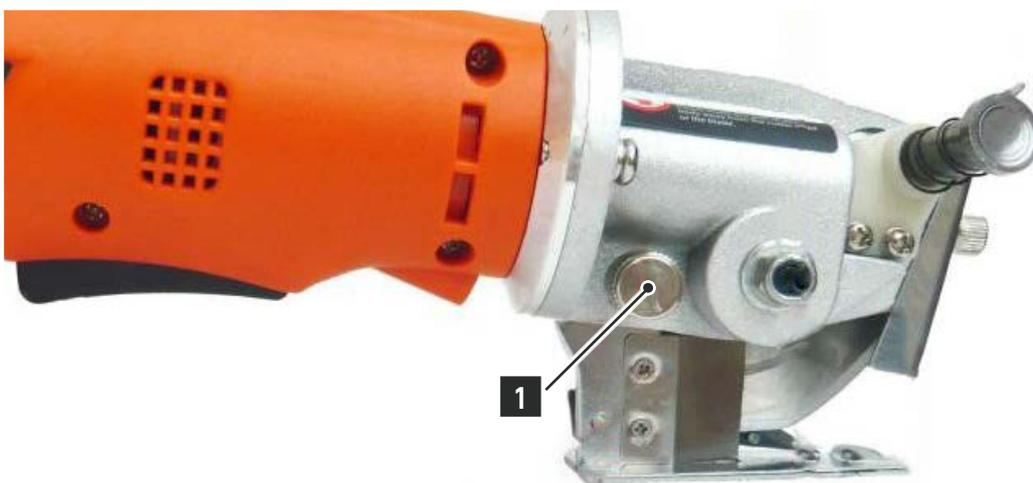
### WARNING

Danger of burns. Sharpening the knife produces heat. Be careful around hot parts and let the tool cool down before commencing normal operation.

01. Start the tool.
02. Gently press the sharpener **1** down until you feel some resistance and can hear the knife grind against the sharpener.
03. Hold the sharpener in this position for a few seconds, then release it.
04. Let the knife cool down.
05. Test if the knife is sharp enough. If not, repeat these steps as often as necessary.

## 04. MAINTENANCE

### 03. LUBRICATE THE KNIFE



01. Screw open the oil nozzle **1**.
02. Refill the oil.
03. Close the oil nozzle by screwing the cap back on again.

# RK70

CORDLESS ROUND KNIFE



This machine may only be operated by adequately trained operators only after having completely read and understood the instruction manual.

Parts are subject to changes in design without prior notice.



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