

# Instruction Manual

# **MAKO** Tools™

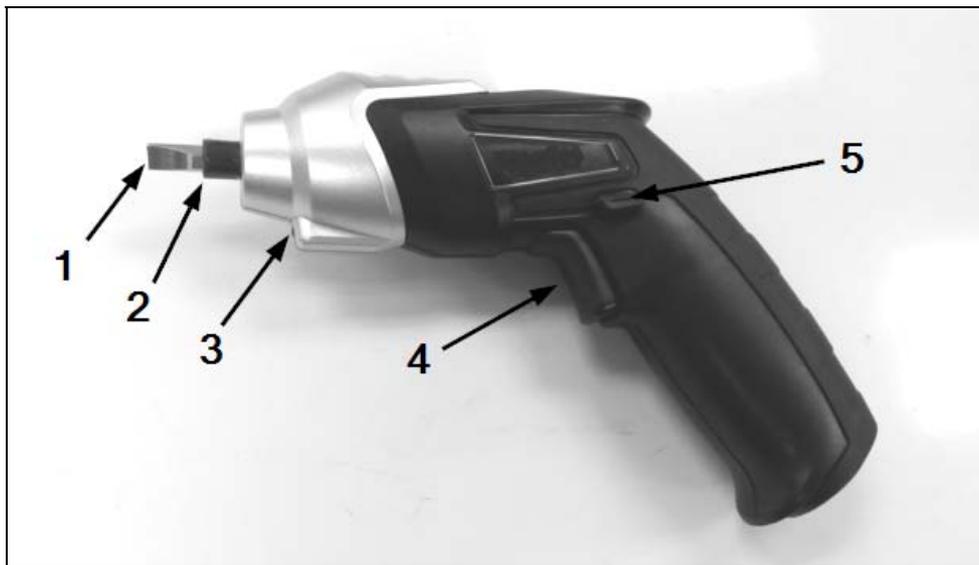
## **3.6V CORDLESS SCREWDRIVER**

Model SROM 1175



*Our tool range has you covered for DIY. Whatever the job, make light work of it with MAKO tools.*

## PRODUCT FEATURES:



1. Screwdriver Bit
2. Hexagon Chuck
3. LED Light
4. Trigger
5. Rotation Direction Switch
6. Battery Level Indicator
7. Battery Level Indicator Button
8. Charging Socket

**Dear Valued Customer,**

Thank you for purchasing this Mako Power Tool.

We are dedicated to providing quality Mako Power Tools at competitive prices. Whether you are serious about DIY or just a casual user, our range of power tools are perfect for any job.

**Mako 2 Year DIY Warranty:**

All Mako Power Tools are backed by a comprehensive 2 year DIY warranty. If for any reason you experience a fault with this power tool, please contact the retailer that it was purchased from, present the receipt and warranty card (at the back of the operating manual), for a full refund or replacement. The warranty is void if damage is not attributable to normal wear and tear, if the tool is used commercially, the motor is overloaded or is tampered with, is damaged by accident or if it is bought second hand. Continued use after partial failure, or the use with the incorrect accessories will void the warranty.

This warranty excludes all Mako accessories, which are covered by their own appropriate warranties.

**MAKO TOOLS ARE FOR DIY USE ONLY. THEY ARE NOT DESIGNED OR APPROVED FOR INDUSTRIAL OR COMMERCIAL USE.**

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## DESCRIPTION OF SYMBOLS:



Please read all of the safety and operating instructions carefully before using this screwdriver. Please pay particular attention to all sections of this User Guide that carry warning symbols and notices.

	Observe caution and safety notes!
	Caution- electric shock! Danger to life!
$n_0$	No-load speed.
V~	AC Voltage
	Wear hearing protection, dust protection mask, protective glasses and protective gloves.
	Keep children away from electrical power tools!
	Only for use in dry, indoor spaces.
	Check that the device, mains lead and plug are in good condition!
	Safety class II
	Dispose of packaging and appliance in an environmentally friendly way!

## GENERAL POWER TOOL SAFETY WARNINGS



**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.**

*The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.*

### 1) Work area safety

- a) **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks which may ignite the dust or fumes.*
- c) **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

### 2) Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*
- c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

### 3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*
- b) **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*
- d) **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
- e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*

### 4) Power tool use and care

- a) **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*

- b) **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
- c) **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
- e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools.*
- f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*

#### 5) Battery tool use and care

- a) **Recharge only with the charger specified by the manufacturer.** *A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.*
- b) **Use power tools only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*
- c) **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** *Shorting the battery terminals together may cause burns or a fire.*
- d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** *Liquid ejected from the battery may cause irritation or burns.*

#### 6) Service

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained.*

### SCREWDRIVER SAFETY WARNINGS

– **Hold power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring or its own cord.** *Fasteners contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.*

### MAKO CORDLESS SCREW DRIVER SAFETY INSTRUCTIONS:

#### Recharging the Battery:

**Note:** The battery becomes hot while recharging. The battery supplied with this electrical appliance only contains a test charge and must be fully charged before use.



**Before following the recharging instructions, please read the safety notice.**

Caution! When you are recharging the screw driver, place it on a flame-resistant surface and do not leave it charging for more than 5 hours. To avoid damaging it, do not charge it excessively.

1. The charger may become slightly warm while charging, but this does not affect its performance.
2. Plug the charger jack into the charging socket (5) firmly, and allow 3 to 5 hours for the battery to become fully charged.
3. Insert the electric plug of the charger into the wall outlet.
4. When the charging is complete, remove the charger plug from the tool's charging socket, and also disconnect the charger from the wall outlet.

#### Note:

1. It is normal for the handle of the tool to warm up slightly during charging.
2. Disconnect the charger from the socket when not in use.

- The battery is protected against deep discharging. When the battery is empty, a protective circuit automatically switches off the tool. Charge the battery when the tool no longer runs.

#### **Electrical Specifications of the Charger:**

The 230V 50Hz charger is equipped with double insulation and does not require any earth connection. It is a hermetically sealed unit equipped with an internal fuse which cannot be replaced.

This charger does not contain any components which can be repaired by the user.

Never remove the charger housing. This appliance contains dangerous voltages. If in doubt, consult a qualified electrician.

For your own protection, do not expose this charger to rain or damp locations. Do not place it on damp or wet surfaces and use a workbench as far as possible.

**It is recommended that the tool always be supplied via a residual current device with a rated current of 30mA or less.**

This charger is for exclusive use with this appliance and must not be used for any other purpose. Do not use any other charger to charge these batteries.



**Caution: Never use the charger in your house. Always charge the batteries on a bench in your workshop. Never exceed the charging time specified in the manual.**

#### **Disposing of the Battery:**



When the battery does not recharge or does not keep its charge, its service life is at an end. The battery must be disposed of in an environmentally friendly manner. Do not throw it into the household waste system. Take it to a recycling centre or a specialized disposal centre.



**Caution: Do not destroy the battery by burning it; otherwise it poses an explosion risk.**

The battery charger must be connected to a voltage equal to that indicated on the rating label. If the outlet or mains power cable is damaged, replace it with a complete set identical to the original. If you have any doubt at all, consult an electrician.

#### **MAKO CORDLESS SCREW DRIVER OPERATING INSTRUCTIONS:**

This cordless screwdriver accepts screw driver bits of various lengths which have a hexagonal shaft of 6.35 mm.

#### **Inserting the Screw driver Bit :**

Select the screw driver bit which is appropriate for the screws used and insert it into the chuck (2), taking care that it is fully inserted.

*Note: it is recommended to always drill a guide hole for the screw before driving.*

#### **Switching On and Off:**

Press the trigger to drive the screw – release to turn off. The LED Light (3) will turn on and off as the trigger is pressed and released.

#### **Changing Direction:**

With the tool stopped, press the Rotation Direction Switch (5) to the right to drive screws, or to the left to remove screws.

### Checking Battery Level:

Press the battery level indicator button (7) to indicate remaining battery level by lighting up the battery level indicator LEDs (6).

3 lit (GREEN, YELLOW, RED): Battery fully charged

2 lit (YELLOW, RED): Battery become half charged

1 lit (RED): Low battery - Charge soon.

### Maintenance and Cleaning:

Before using the Cordless Screw Driver, ensure that it is fully charged, and unplugged from the charger.

For optimum use, regularly check to see if any dust or foreign matter has entered the ventilations slots near the motor and around the on/off switch. Use a soft brush if required. Wear safety glasses to protect your eyes whilst cleaning.

If the body of the tool needs cleaning, wipe it with a soft damp cloth. A mild detergent can be used but not alcohol, petrol or other cleaning agents.

Never use caustic agents to clean plastic parts.

Lubricate all moving parts at regular intervals.

**Discard this tool if the Charger cord becomes damaged.**



**CAUTION** Water must never come into contact with the tool.

### DISPOSAL



**Do not dispose of electrical appliances with your domestic waste!**

The packaging comprises exclusively environmentally-friendly material. Dispose of it in your local recycling containers.

### TECHNICAL DATA:

CORDLESS SCREWDRIVER	SROM1175
Voltage Input Rating (charger)	230-240V,50Hz 3-20W
Output Rating	3.6V
Battery Capacity	1300mAh
No-load speed $n_o$	180min <sup>-1</sup>
Chuck Capacity	¼" hex
Max Torque	3.5Nm
Charging Time (typ)	3-5 hours