HARDELL

Mini Cordless Rotary Tool

Operator's Manual

Scanned + Archived
By:
FindMyManual.org



Thank you for purchasing this product. To ensure proper use and trouble-free operation, please read this guide carefully before operating.If there is any issue, please contact us via Amazon or email:
hardell.service@gmail.com we will help you within 12 hours.

Widely Application

Function	Types of Artworks for Creation
Sanding	Suitable for sanding work on Softwood/ Aluminum/ Plastic/ Brass/ Stone/ Shell/ Ceramic etc.
Grinding	Suitable for grinding work on Aluminum/ Steel/ Brass/ Stone/ Shell/ Ceramic etc.
Engraving / Carving	Expertise in engraving on Glass/ Soft Wood/ Aluminum/ Plastic/ Brass/ Stone /Shell/ Ceramic etc.
Drilling	Suitable for drilling on Softwood/ Aluminum/ Plastic / Shell/ Jadeite/ Agate/ Jade etc.
Polishing / Cleaning	Suitable for polishing on Glass/ Soft Wood/ Aluminum/ Plastic/ Brass/ Stone/ Shell/ Ceramic etc.
Cutting	Suitable for cutting on Softwood/ Aluminum etc.

ATTENTION: Not for Heavy-duty Projects !!!



Safety Instructions

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.

1. Before using the tool, ensure that it is ready and safe to use!
2. Do not use in wet condition and environment.
3. Never use the tool near to flammable gas or liquids.
4. Do not force to operate the device when it slows down or stops turn it of and finish the work process.
5. Wear glasses while using the tool.
6. Do not touch the drill/grinding tip during operation(even if it is in low speed). because it can cause injury!
7. Keep this product away from children.
8. Use this power tool and accessories following the instructions.

Cleaning

Always pull out the mains power plug before starting any cleaning work.

- Keep all safety devices, air vents and the motor housing free of dirt and dust as far as possible.
- Wipe the equipment with a clean cloth or blow it with compressed air at low pressure.
- We recommend that you clean the device immediately each time you have finished using it.
- Clean the equipment regularly with a moist cloth and some soft soap. Do not use cleaning agents or solvents; these could attack the plastic parts of the equipment. Ensure that no water can seep into the device.

Environmental Protection



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

FCC Statement (For US/CA market only)

This device complies with part 15 of the FCC rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

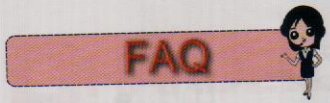
Warranty

The product supports a 1-year warranty from the date of purchase.

This warranty does not apply to products that have been lost, altered, broken, or damaged by misuse or failure to follow the instruction provided with the product. Never try to repair the product by yourself. For any inquiries concerning our products, please contact our after-sales team via hardell.service@gmail.com, we are free to help you solve your problem anytime.

Made in China





Q: When buying more accessories, what size shaft?

A: The cordless rotary tool comes with collets in ø2.3mm and ø1.6mm sizes, which can be used on our cordless rotary tool as long as the shaft size of the attachment matches. HARDELL brand accessories are available.

Q: What are the sizes of the drill bits?

A: We have 4 HSS drill bits in ø1.0mm, ø1.6mm and ø2.3mm sizes. You can choose different drill bits according to your drilling needs.

Q: What kind of charger cable does it take? How long does it take to charge?

A: Use Type-C charging cable. Full charge takes about 120-240 minutes（ depending on different adapter)

Q: When charging, how do you know when it's fully charged?

A: The indicator 1 stays in red during charging, and turning green after fully charged.

Q: What materials can I drill/cut/carve/polish/sand with it?

A: Please refer to page 5 of the manual Widely Application. Note that this mini rotary tool is only suitable for small DIY projects. If forced to cut and drill on hard items will damage the motor.

Q: Was is the grit size of the sanding bands?

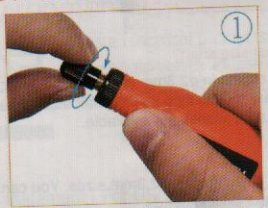
A: 60 Grit Mesh and 120 Grit Mesh.

Q: What is the warranty on this?

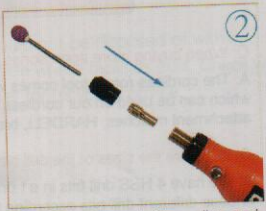
A: The product supports a 1 year warranty from the date or purchase. The warranty does not apply to products which have been lost, altered, broken or damaged by misuse or failure to follow the instruction provided with the product. Never try to repair the product by yourself. Please contact our after-sales team, we are free to help you solve the problem anytime.



How to Use



1. Press down the spindle locking button and unscrew the nut



2. Choose the suitable collet and put the black nut

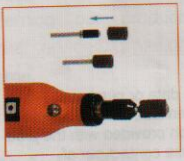


3. Insert the bits you need, hold the lock button and screw on the nut tightly



4. Do not press the spindle lock button when the motor is running.

ATTENTION: The shaft size of the attachment must be matched to the collet. Mismatch will vibrate and cause loss of control.



How to fit a sanding band

1. Unscrew the nut of the sanding drum.
2. Install the sanding band.
3. Tighten the nut of the sanding drum using wrench.

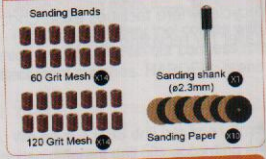


How to fit the HSS cutting disc/Sanding paper

1. Unscrew off the nut of the mandrel.
2. Install the cutting disc/sanding paper with 1 red washer on each side.
3. Tighten the nut of the mandrel to finish installation.

Package Includes

Sanding



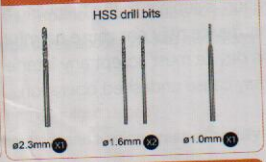
Grinding



Engraving/Carving



Drilling



Polishing



Cutting



Collet



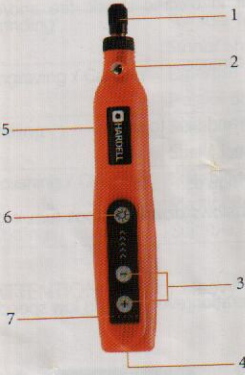
4 Attachments



NOTE: The product contains a total of 3 collets, Size: φ1.6mm/φ2.3mm
Usually, there is already a 2.3 mm collet on the rotary tool

Product Descriptions

Components



1. Nut (Collets - φ1.6mm / 2.3mm)
2. Spindle Locking Button (**DON'T press it when the device is running**)
3. Speed Adjustment Button(5-levels)
4. Type-C Charging Port
5. Heat Dissipation Holes(Dissipate the heat produced by the motor operation)
6. LED Working Light
7. Speed Settings: 5

Specification

Charging voltage: DC 3.7V
Battery Capacity: 2000mAh Li-ion
No Load Speed
(5000/8000/11000/14000/18000RPM)
Collet Size: φ1.6mm/φ2.3mm
Charge time: 120-240min
(Fully charged, the indicator light turns green)
Working time: 120min(no load)
Weight: 0.3kg

About charging

Connect the power supply (DC 4V), Insert USB C into the machine.

Red light=charging **Green light=Charging completed**

Charger will automatically stop charging the battery when charging is completed.

NOTE! A battery pack that has been unused for a while or never been charged must be charged before reuse or first use.

CAUTION! Do not charge a battery for a second time in close succession. There is a danger of overcharging the battery pack.