



能者科技

## NZ30-01 Multi-functional Hammer with DDE Operating Manual (Professional )



**DDE: Dedicated Dust Extraction**





## » Company Profile

**NENZ Electric Technology ( Dong Guan ) Co., Ltd** which focuses on research and development of electric tools as well as sales and after-sale service of those is one of the high-tech enterprises. The company is composed of returnees who have built a powerful team with strong design and development capabilities, setting up a research and development center, manufacturing center, marketing center in the forefront of the world's most dynamic and innovative areas of Dong guan City, Guangdong Province.

The company concentrates on research and development of all kinds of its own professional-grade and industrial-grade brand of power tools, hand tools and garden tools. The main products are various DC (AC) rotary hammers, demolition hammers, polishers, sanders, drills, angle grinders, planers, circular saws, cutting saws, flashlights, chain saws, lawn mowers, etc. The company pursues innovation constantly, adhering to the developmental concept "superb technology, quality service and excellence", which always sticks to the business philosophy "serving for customers and creating greater value for customers". It constantly improves and enhances product quality and service quality. Our products are widely used in building decorations, common decorations, high-speed rail construction, shipbuilding industry, water conservancy industry etc.. To ensure world-class quality products, the company has introduced all kinds of internationally advanced detection equipment, and strives to building the testing center of domestic leading level.

**NENZ — CREATE THE FUTURE!**

## Part Names



1. Power Input Terminals for DDE
3. Guide Convex Platform for Hammer
5. DDE Button for Disassembly
7. Button for Dust Box
9. Nozzle Top

2. Power Output Terminals for DDE
4. Guide Groove for DDE
6. Dust Box
8. Depth Release Ring

### I. Installing and Uninstalling DDE

#### 1. Installing DDE

- 1). Rotate the side handle and make it be in the vertical position of hammer housing support,
- 2). Make the DDE be upright and let hammer guide convex platform aim at DDE guide groove.



#### 2.Finished Installation



DDE bottom should parallel with that of hammer.

#### 3. Uninstalling DDE

Press the DDE button at the same time pulling out of DDE.



DDE button

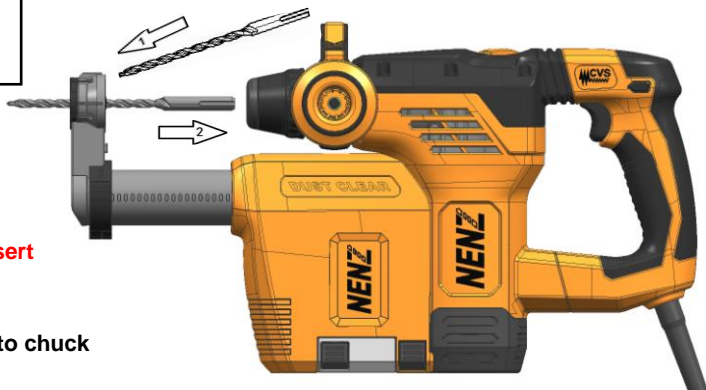
**Note: Only if you pull out the bit, you would disassemble the DDE successfully.**

## **II.Installing and uninstalling Bit**

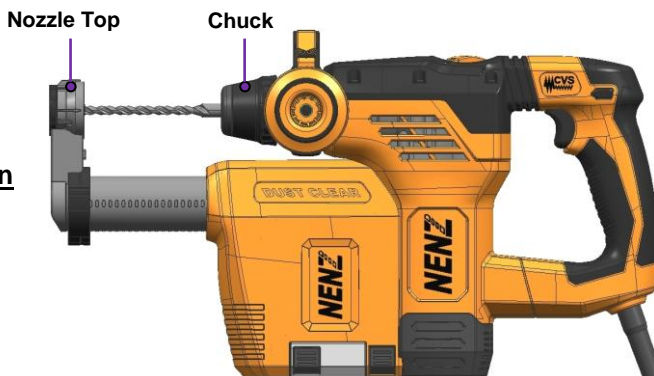
### **1. Installing Bits**

1).The bit inclinedly insert  
into the nozzle top,

2).Then push the bit into chuck  
horizontally.



### **2. Finished Installation**



### **3.Uninstalling Bits**

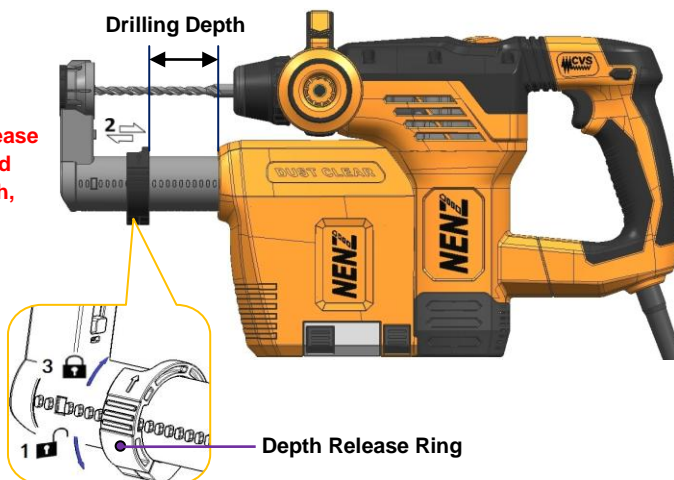
1).Press the chuck and pull  
out of bit horizontally,

2).Then inclinedly pull out of  
the bit from nozzle top.



## III. Setting the Drilling Depth

- 1) Rotate the depth release ring for unlock,
- 2) Then move the depth release ring forward and backward for setting the drilling depth,
- 3) Finally Rotate the depth release ring for lock-up.



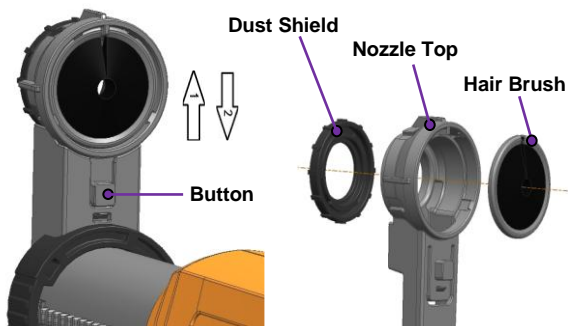
### IV. Installing and Uninstalling Nozzle Top

#### 1). Uninstalling Nozzle Top

Press button to pull out of nozzle top.

#### 2). Installing Nozzle Top

Insert nozzle top into DDE vertically.



**Note:** The hair brush and dust shield for nozzle top are wearing parts. For best performance, you should change nozzle top assembly (including hair brush and dust shield) after you have drilled 5000 holes.

### V. Installing and Uninstalling Dust Box

#### 1). Uninstalling Dust Box

Press two-side button to pull out of the dust box.

#### 2). Installing Dust Box

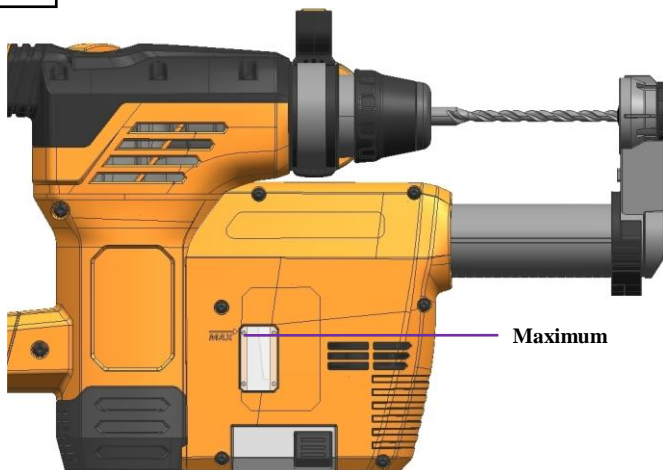
Push the dust box into DDE housing along guide groove.



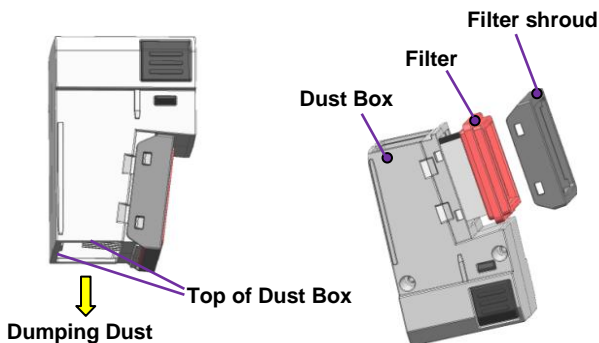


### VI. Cleaning Dust

1. You should tap DDE housing after drill several holes and observe whether dust reaches the maximum recommended capacity or not from the transparent window; if it does, you must clean dust ,which can ensure best performance.



2. After getting out of dust box, you should dump dust from the open mouth. If there is residual dust, please tap its side place to clean out dust. Please notice that you must not knock the top of box and filter.



**Note: The filter is wearing part. For best performance, please change filter after you have drilled 5000 holes**

## Description:

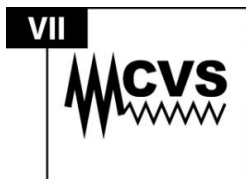
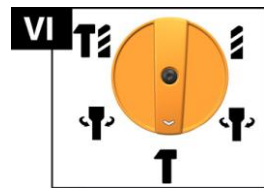
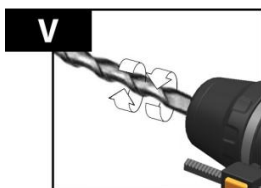
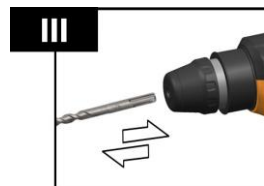
The DDE is an accessory for use with the NZ30 hammer. The DDE has small size and light weight, can be quickly and easily attached to the NZ30 hammer.

It is applicable to drill in the concrete materials, it's not suitable for use when drilling in metal or wood. In order to keep the dust collection effect, please clean the dust of dust box in time.

Technical Data	NZ30-01 Hammer with DDE	
Production Code	NZ30-01 Hammer with DDE	
Rated Voltage	DC 24 V	Voltage
Rated Power	35 W	Watt
Suction Power	10 inH <sub>2</sub> O	Inch H <sub>2</sub> O
Weight	0.72Kg	KG
Drilling Hole Depth	Max.84.5mm	MM
Drilling Hole Diameter	Min.Φ6mm~ Max.Φ16mm	MM
Dust Box Capacity	120 Holes(Horizontal <b>drill bit</b> Φ6mm, Depth30mm)	
	30 Holes (Horizontal <b>drill bit</b> Φ10mm, Depth 50mm)	
	20 Holes(Horizontal <b>drill bit</b> Φ12mm, Depth50mm)	
Filter Capacity	5000 Holes	
Nozzle Top Capacity	5000 Holes	
Common Problems	Possible Reasons	Proper Measures
<b>1.Dust Overflows</b>	<b>Too much dust in the dust box</b>	<b>Clean Dust in the Dust Box</b>
	<b>Nozzle Top is worn</b>	<b>Change the nozzle top assembly</b>
	<b>Hair Brush is worn</b>	<b>Change the nozzle top assembly</b>
<b>2. Bit is not in the center of nozzle top</b>	<b>it isn't good for hammer with DDE assembly</b>	<b>Check hammer with DDE assembly</b>

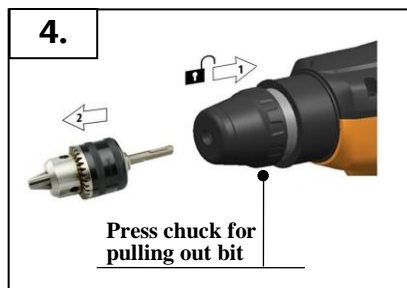
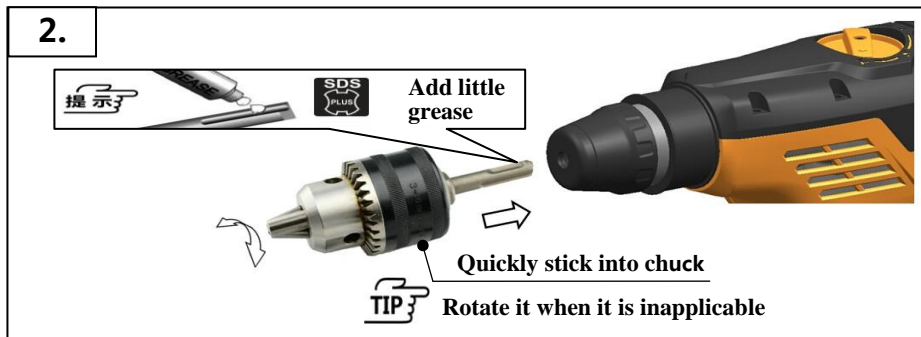
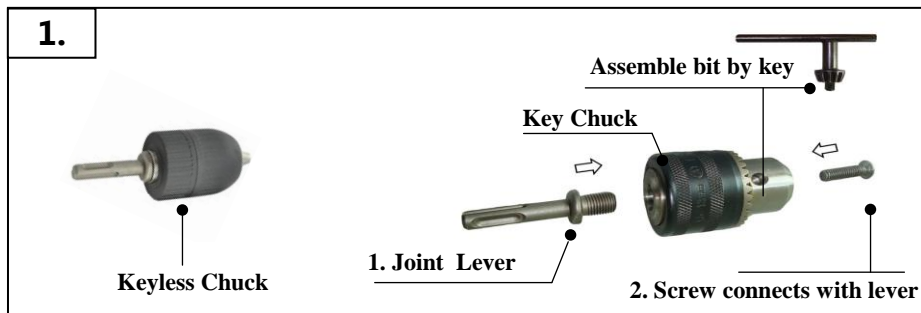
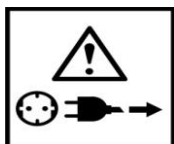


1 SDS Plus Bit ( Two Pits ,Two Groove and Round Handle )    2 Dust Shield    3 Depth Gauge Rod  
 4 Button of Depth Gauge    5 Mode Selector Knob    6 Anti-Vibration System    7 F/R Button  
 8 Trigger    9 Plastic Handle Cover    10 Cord Strain Relief    11 Power Cord  
 12 Sliding Collar    13 Side Handle    14 Rapid Change Chuck





**Drill Lock  
Assembly**



II



## Side Handle and Depth Gauge Assembly



1.

3. Assemble it to the sleeve



1. Press the button

4. Rotate the handle until lock in the right position



2. Stick the depth rod into auxiliary handle hole along the teeth direction

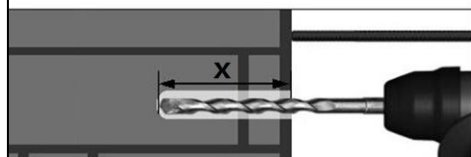
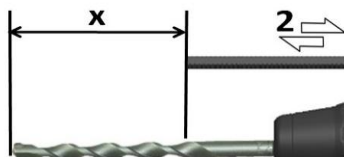
2.

Installation Drawing



3

Press the button for adjusting drill holes depth



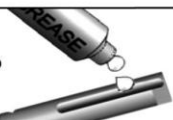


## Bit Assembly



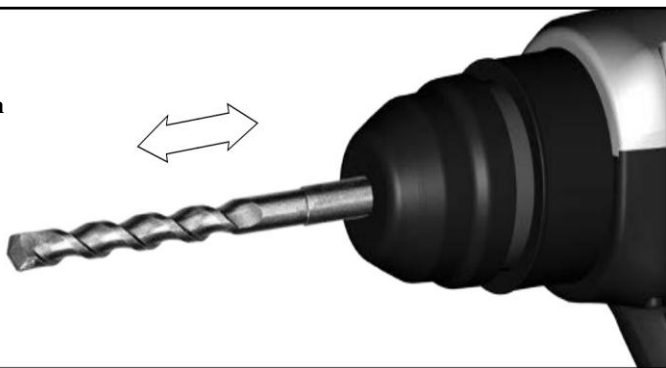
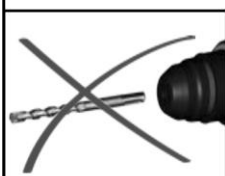
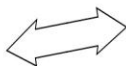
### 1. INSERTING

Add little grease on the nose of bit, rotate bit and stick into chuck



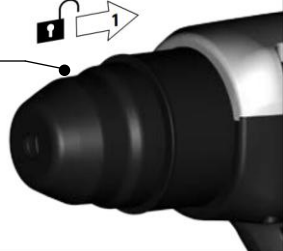
### 2. TEST

Don't pull bit out from the chuck after the bit stuck into chuck



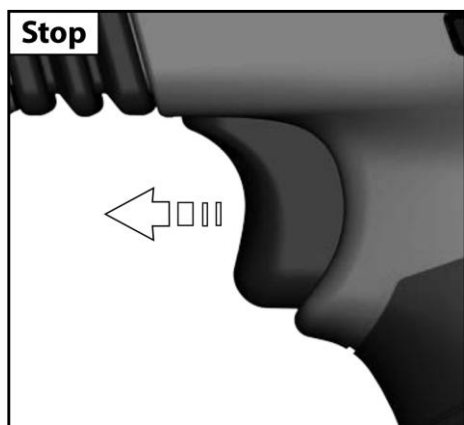
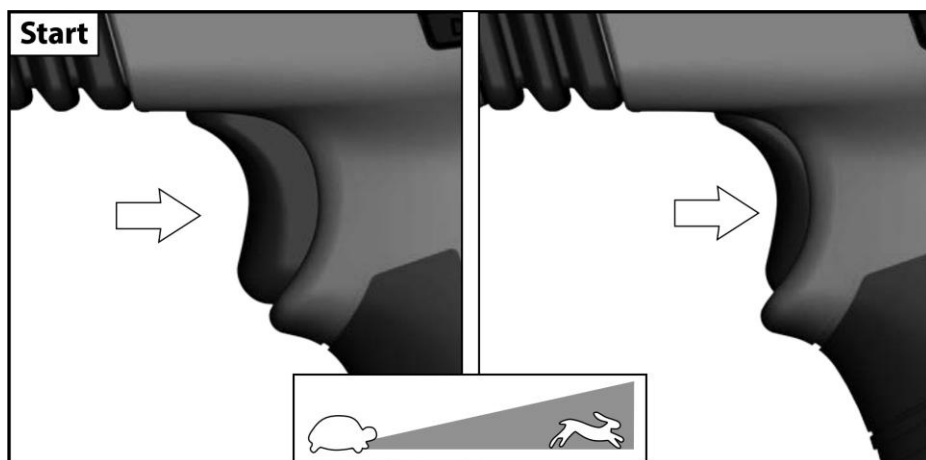
### 3. DISASSEMBLE

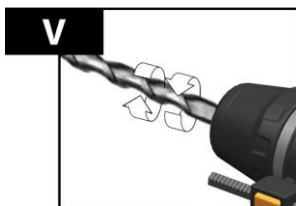
Get out the bit while pressing the chuck



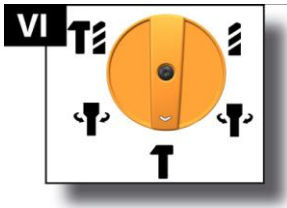


**Trigger  
Operation**

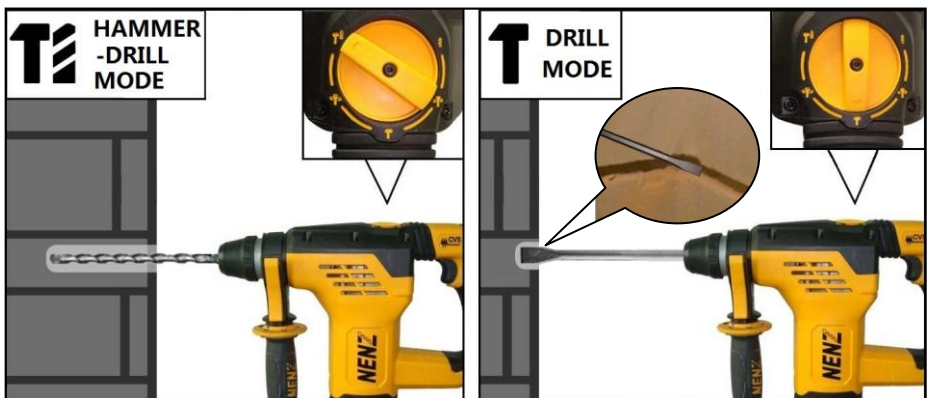
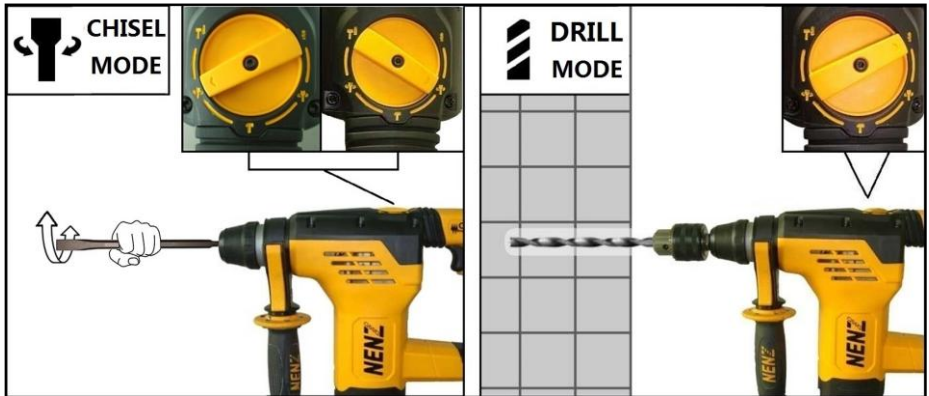
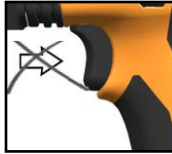








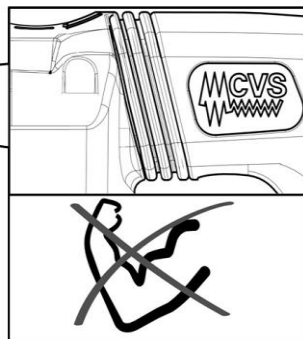
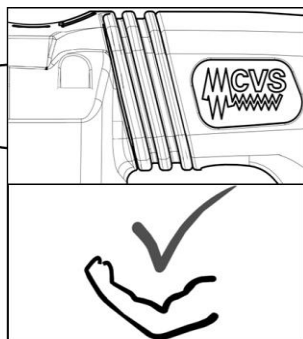
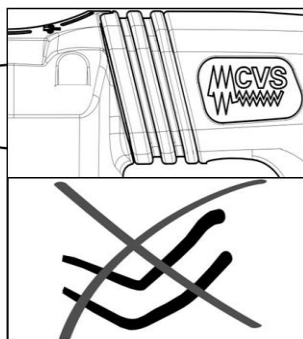
# Mode Selector Knob Operation





VII



## Control Vibration System



Technical Data		NZ-30	
Production Code	NZ-30		
Rated Voltage	220-230 V	V	
Rated Power	900 W	W	
No-load Speed	0-1500 Min <sup>-1</sup>	BPM	
Blows per Minute ( BPM )	0-5000 Min <sup>-1</sup>	BPM	
Impact Energy per Stroke	4 J	J	
Wire Cord length	3 m	M	
Maxium Drilling Diameter :			
- Concrete	30 MM	MM	
- Steel	13 MM	MM	
- Wood	40 MM	MM	
- Light Core Cutter in Bricks and Limestone	82 MM	MM	
Chuck Neck Diameter	54 MM	MM	
Tool Chuck	SDS Plus		
Weight Acocording to EPTA-Produce 01/2009	3 KG	KG	
Insulation Class	 / II	 / II	
Trigger	●		
Safety Clutch	●		
Forward / Reverse	●		
DDE	●		
Accessories			
Drill Chuck	Optional		
Drill Bit	SDS-Plus		
Soft anxiliary Handle			
Depth rod	●		
Nozzle Top with hair Brush and Dust Shield	1		
Filter	1		
Packing			
BMC	0		
Tool bag	●		
Instruction Manual	1		



## WARNING!

**Please read the following safety warnings and instructions.** Failure to follow them may result in electric shock, fire and/or serious injury. **Save all warnings and instructions for future reference.** In the following items, it refers to mains-operated (cord) power tools and battery-operated (cordless) power tools.

## MAINS CONNECTION

### 1. Wear Eye Protection .

Please keep on eye protection. Please use auxiliary handles because loss of control can cause personal injury. And be equipped with the safety tools, such as dust shield, non-slip shoes and safety helmet. When there is too much noise, wear eye protection.

### 2. Workplace and Electric Safety

Keep workplace clean. Prohibit operating tools in an easily-explosive environment, such as flammable liquids, gases and dusts. Avoid direct ground touch such as pipe, radiators and ranges. When operating tools, your hands should hold the insulation area. Avoid exposure to rain or damp environment. Prohibit abusing tools cord. When using tools outdoor , please use extension cord that is suitable for outdoor use. If operating electric tools in a damp environment is inevitable, use a ground fault circuit interpreter protected supply.

### 3. Personal Safety

Stay alert. When operating a power tool , stay awake. Prevent unintentional starting. Ensure that switch turns off when it connected with power supply or battery pack or when you carry handling tools. Before turning tools on, remove all keys or wrench adjustment. Don't overreaching. Keep proper footing and

balance at all the times. Please dress properly, don not wear loosening clothes and jewellery.

Use suitable detectors to determine if utility lines are hidden in the work area to avoid electric cables and gas or water pipes. The dust produced when using this tool may be harmful to health. Do not inhale the dust. Use a dust absorption system and wear a suitable dust protection mask.

## MAINS CONNECTION

Observe correct mains voltage! The voltage of power source must agree with the voltage specified on the nameplate of machine. Power tools marked 230 V can also be operated with 220 V..

## SPECIFIED CONDITIONS OF USE

The machine is intended for hammer drilling in concrete, brick and stone, as well as for lightly chiseling work. It is also suitable for drilling without impact in wood, metal, ceramic and plastic. Machines with electronic control and right/left rotation are also suitable for screw driving.

## MAINTENANCE

The ventilation slots of the machine must be kept clear all the time.

**Important note:** if the carbon brushes are worn, the tool should be sent to after-sales service or change them. If the supply cord of this power tool is damaged, it must be replaced by a specially prepared cord available through the service. Use only NENZ accessories and spare parts. Should components need to be replaced, please

Contact one of tool service agents. If needed, tools can be ordered. Please state the machine type and number. You can order power tool in your local service agents or directly in our company:  
**Dongguan NENZ Technology Co., Ltd.**

## **EC-DECLARATION OF CONFORMITY**

We declare under our sole responsibility that the products described under “Technical Data” fulfill all the relevant regulations and the directives 2011/65/EU, 2004/108/EC, 2006/42/EC. And our products conform to the following harmonized standards:

EN 60745-1:2009 + A11:2010

EN 60745-2-6:2010

EN 55014-1:2006 + A1:2009 + A2:2011

EN 55014-2:1997 + A1:2001 + A2:2008

EN 61000-3-2:2006 + A1:2009 + A2:2009

EN 61000-3-3:2008

**Donnie**

## INTERPRETATION OF SYMBOLS



**Caution! Warning! Danger!**



**Read operation's manual**



**Pull your plug out of socket**



**Double Insulated**



**Control Vibration System**



**SDS-Plus**



**Do not dispose of electric tools together with household material in observance of European Directive 2002/96/EC on waste electrical and electronic equipment and its implementation. Please confirm with your local laws.**



**Accessory- Not included in standard equipment, available as an accessory.**



**European Conformity Mark**



**Chinese Conformity Mark**





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<http://www.nenztool.com>



**Mobile Website**

<http://www.nenztool.com>

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