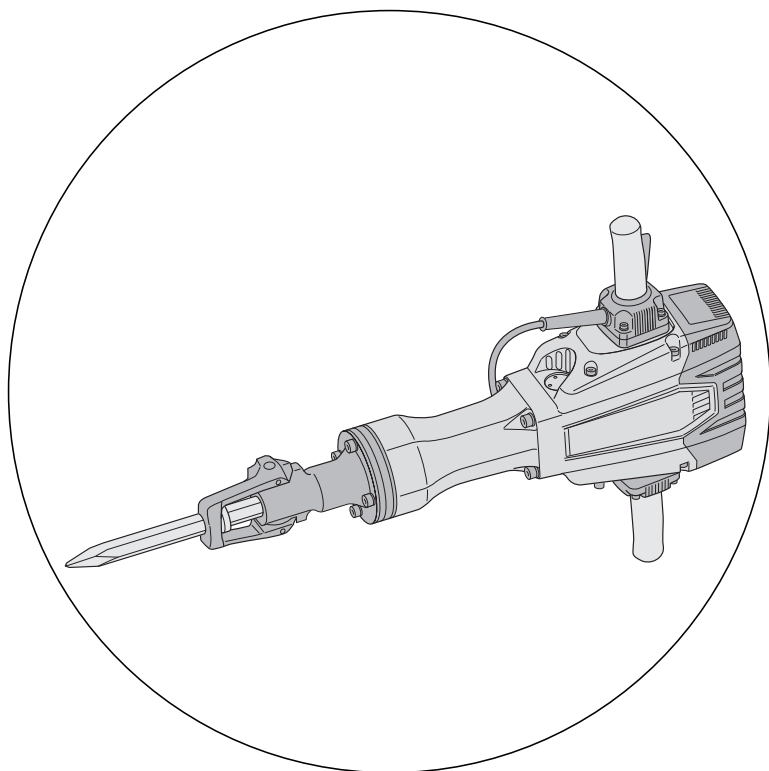


HIKOKI

电镐

Demolition Hammer

H 90SG



保留备用

Keep for future reference



使用说明书

Handling instructions



中文

English

目次

电动工具通用安全警告	2	标准附件.....	6
电镐安全警告.....	4	用途.....	6
附加安全警告.....	4	作业之前.....	7
符号.....	5	如何使用电镐.....	10
零件名称.....	5	维护和检查.....	11
规格.....	6	选择附件.....	13

电动工具通用安全警告

警告！

阅读所有警告和所有说明。

不遵照以下警告和说明会导致电击、着火和 / 或严重伤害。

保存所有警告和说明书以备查阅。

在所有下列的警告中术语“电动工具”指市电驱动(有线)电动工具或电池驱动(无线)电动工具。

1) 工作场地的安全

a) 保持工作场地清洁和明亮。

混乱和黑暗的场地会引发事故。

b) 不要在易爆环境，如有易燃液体、气体或粉尘的环境下操作电动工具。

电动工具产生的火花会点燃粉尘或气体。

c) 让儿童和旁观者离开后操作电动工具。

注意力不集中会使操作者失去对工具的控制。

2) 电气安全

a) 电动工具插头必须与插座相配。绝不能以任何方式改装插头。需接地的电动工具不能使用任何转换插头。

未经改装的插头和相配的插座将减少电击危险。

b) 避免人体接触接地表面，如管道、散热片和冰箱。

如果你身体接地会增加电击危险。

c) 不得将电动工具暴露在雨中或潮湿环境中。

水进入电动工具将增加电击危险。

d) 不得滥用电线。绝不用电线搬运、拉动电动工具或拔出其插头。使电线远离热源、油、锐边或运动部件。

受损或缠绕的软线会增加电击危险。

- e) 当在户外使用电动工具时，使用适合户外使用的外接软线。
适合户外使用的软线将减少电击危险。
- f) 如果在潮湿环境下操作电动工具是不可避免的，应使用剩余电流动作保护器（RCD）。
使用RCD可减小电击危险。

3) 人身安全

- a) 保持警觉，当操作电动工具时关注所从事的操作并保持清醒。当你感到疲倦，或在有药物、酒精或治疗反应时，不要操作电动工具。
在操作电动工具时瞬间的疏忽会导致严重人身伤害。
- b) 使用个人防护装置。始终佩戴护目镜。
安全装置，诸如适当条件下使用防尘面具、防滑安全鞋、安全帽、听力防护等装置能减少人身伤害。
- c) 防止意外起动。确保开关在连接电源和 / 或电池盒、拿起或搬运工具时处于关断位置。
手指放在已接通电源的开关上或开关处于接通时插入插头可能会导致危险。
- d) 在电动工具接通之前，拿掉所有调节钥匙或扳手。
遗留在电动工具旋转零件上的扳手或钥匙会导致人身伤害。
- e) 手不要伸展得太长。时刻注意立足点和身体平衡。
这样在意外情况下能很好地控制电动工具。
- f) 着装适当。不要穿宽松衣服或佩戴饰品。让衣服、手套和头发远离运动部件。
宽松衣服、佩饰或长发可能会卷入运动部件中。
- g) 如果提供了与排屑、集尘设备连接用的装置，要确保它们连接完好且使用得当。
使用这些装置可减少尘屑引起的危险。

4) 电动工具使用和注意事项

- a) 不要滥用电动工具，根据用途使用适当的电动工具。
选用适当设计的电动工具会使你工作更有效、更安全。
- b) 如果开关不能接通或关断工具电源，则不能使用该电动工具。
不能用开关来控制的电动工具是危险的且必须进行修理。
- c) 在进行任何调节、更换附件或贮存电动工具之前，必须从电源上拔掉插头和 / 或使电池盒与工具脱开。
这种防护性措施将减少工具意外起动的危险。
- d) 将闲置不用的电动工具贮存在儿童所及范围之外，并且不要让不熟悉电动工具或对这些说明不了解的人操作电动工具。
电动工具在未经培训的用户手中是危险的。

中文

- e) 保养电动工具。检查运动件是否调整到位或卡住，检查零件破损情况和影响电动工具运行的其他状况。如有损坏，电动工具应在使用前修理好。许多事故由维护不良的电动工具引发。
- f) 保持切削刀具锋利和清洁。
保养良好的有锋利切削刃的刀具不易卡住而且容易控制。
- g) 按照使用说明书，考虑作业条件和进行的作业来使用电动工具、附件和工具的刀头等。
将电动工具用于那些与其用途不符的操作可能会导致危险。

5) 维修

- a) 将你的电动工具送交专业维修人员，使用同样的备件进行修理。
这样将确保所维修的电动工具的安全性。

注意！

不可让儿童和体弱人士靠近工作场所。

应将不使用的工具存放在儿童和体弱人士接触不到的地方。

电镐安全警告

1. 戴好耳罩。
暴露在噪声中会引起听力损伤。
2. 如果随工具提供辅助手柄，请使用。
操作失手会引起人身伤害。
3. 在切削附件可能触及暗线或其自身软线之处进行操作时，要通过绝缘握持面来握持工具。
切削附件碰到带电导线会使工具外露的金属零件带电从而使操作者受到电击。

附加安全警告

1. 确认所使用的电源与产品铭牌上标示的功率要求相符。
2. 确认电源开关已切断。
若电源开关接通，则插头插入电源插座时电动工具将出其不意地立刻转动，从而导致严重事故。
3. 当工作区域距离电源较远时，使用足够厚度和额定功率的延伸线缆。延伸线缆应尽可能短。
4. RCD
推荐始终使用额定剩余电流不超过为 30 mA 的剩余电流动作保护器。
5. 作业之后的钻头仍处在高热状态下，切不可摸触，以免灼伤。
6. 对墙壁、天花板和地板进行钻孔或钻碎作业时，应彻底查明里面是否敷设电缆或导管。

7. 脸部朝上作业时，要带上防护面罩。
8. 钻头夹持器应妥予安装。
9. 开始作业时，要先确认油脂是否正常供应，螺钉类是否妥予扭紧。
10. 在高处作业时，应充分注意下面的东西和行人安全。
11. 穿上保护靴，以保护脚。

符号

警告！

如下所示的符号用于本机。使用前请务必理解其含意。

	为降低伤害风险，用户必须阅读使用说明书	n	满载速度
V	额定电压	--S/--S	运行时间/停机时间
A	电流	---/min	每分钟转动次数
W	瓦		二类工具

零件名称

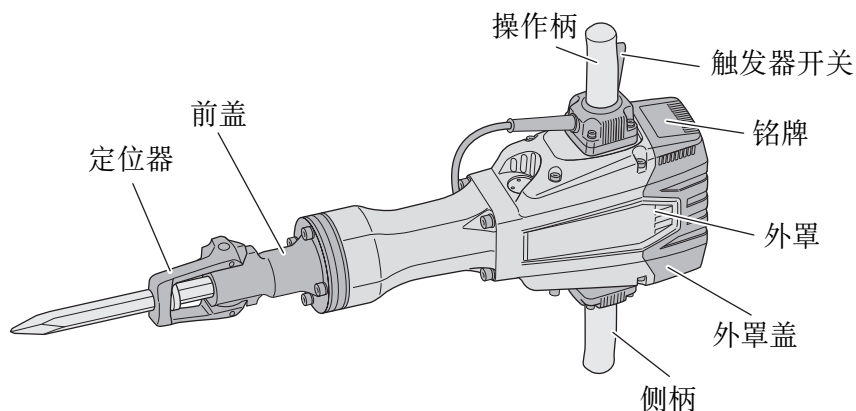


图 1


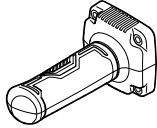

规格

型式	H90SG
电压	220 V ~
输入功率	2000 W
满载锤击率	1000 /min
重量	32.0 kg

标准附件

除了主机（1 台）外，产品包中还包括表中所列的附件。

表 1

内六角扳手 (用于 M6 螺栓)		1
侧柄		1
M6 螺栓 (用于侧柄)		4

用途

混凝土破碎、混凝土切削、开槽、棒切割。

应用例：

装配管道、敷设线缆、卫生设备安装、机械安装、给排水设施建设、室内装修、港口设施建设、其它土木工程施工。

作业之前

1. 电源

确认所使用的电源与工具铭牌上标示的规格是否相符。

2. 电源开关

确认电源开关是否切断。若电源开关接通，则插头插入电源插座时电动工具将出其不意地立刻转动，从而招致严重事故。

3. 延伸电缆

若作业场所移到离开电源的地点，应使用容易足够、铠装合适的延伸线缆，并且要尽可能地短些。

4. 检查插座

如果插头插入插座后非常松动，就必须对插座进行修理。请联系离您最近的授权服务中心进行修理。

如果使用这样的问题插座，可能会引起过热现象，进而造成严重危害。

5. 确认环境条件

确认工作场所条件整洁干净，且符合规定的预防措施。

6. 安装侧柄

警告！

一定要“切断”电源，并将插座上的插头拔掉。

使用内六角扳手和六角形插口头螺栓 M6 x 4 将侧柄安装到本装置。确保 A 侧的凸形部分朝向螺母。(图 2)

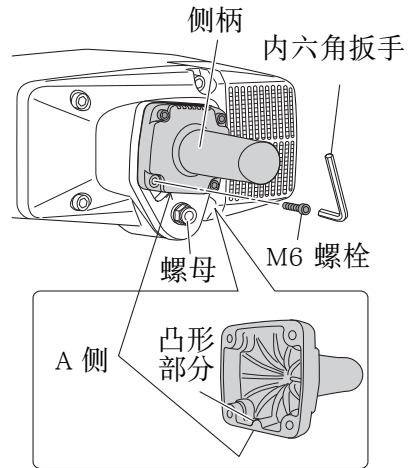


图 2

中文

7. 安装尖钻头、刀具等附件。

警告！

一定要“切断”电源，并将插座上的插头拔掉。

注：

当使用尖钻头、刀具等附件时，请务必使用本公司原装配件。

* 可使用以下三种形状钻头柄中的任何一种来安装尖钻头、刀具等附件。

(图 3)

○ 安装气动工具柄和标准六角柄工具。

(1) 擦净后，再给附件柄部分涂上润滑脂或机油。

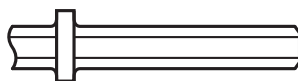
(2) 移动定位器以打开位置 ①，将尖钻头、刀具等附件插入前盖内的六角孔中 (参见图 4)。

(3) 将定位器扳到夹紧位置，使附件夹入到位。拉拽附件以检查附件是否正确装好。(图 5)

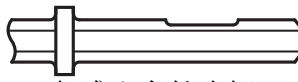
○ 安装标准六角柄和无轴环定位槽柄。

(1) 擦净后，再给附件柄部分涂上润滑脂或机油。

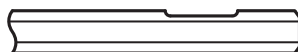
(2) 将定位器移到位置 ①。对齐附件柄部分，使其凹槽部分处于夹紧位置下方，然后将尖钻头、刀具等附件插入前盖内的六角孔中 (参见图 6)。



气动工具钻头柄



标准六角钻头柄



无轴环定位槽钻头柄

图 3

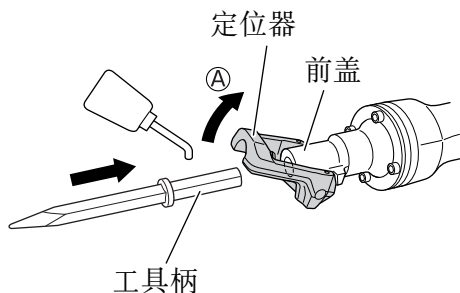


图 4

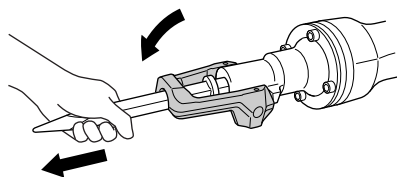


图 5

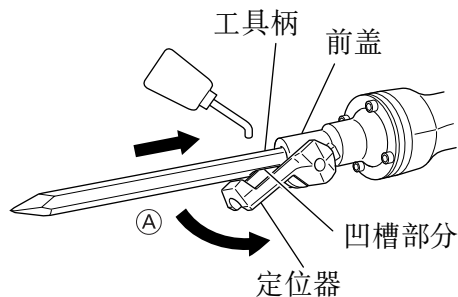


图 6

(3) 将定位器扳到夹紧位置 ⑥，使附件夹入到位。拉拽附件以检查附件是否正确装好。(图 7)

注：

如要拆卸尖钻头、刀具等附件，请按照与上述步骤相反的顺序进行。

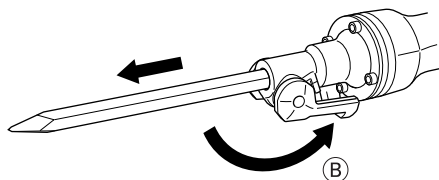


图 7

如何使用电镐

1. 开关操作

如要接通开关，请握紧带触发器开关的操作柄。

松开触发器开关时，开关切断。

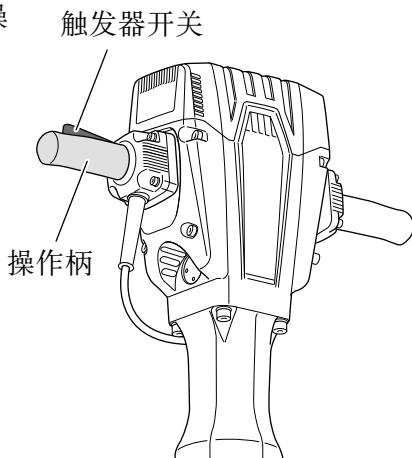


图 8

2. 电镐的操作

(1) 将钻头的尖端移至加工位置后，拉动触发器开关。

(2) 在使用此电镐时，请利用其自身的重量进行钻凿。因为即使将电镐用力按在工作面上并用力推动，作业效果也不会太好。请仅用足以抵销反作用力的力气来抓住此电镐即可。

此电镐的操作柄上装有弹簧垫，以免钻凿时的振动传给操作者。

在使用此电镐时，请勿对操作柄过度施力。

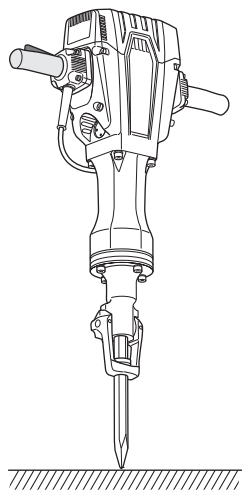


图 9

注：

有时即使电机运行，电动工具也可能不启动钻击行程，这是因为机油已变粘稠。

若在低温环境下或长时间闲置不用后使用电动工具，应让此电镐持续运行约五分钟使其预热。

注意！

长时间使用后，前盖会变得很烫。

因此，请小心不要烫伤手。

维护和检查

警告！

在维护和检查期间，一定要“切断”电源，并将插座上的插头拔掉。

1. 检查电镐

当使用变钝的尖钻头、刀具等附件时会降低效率并可能使电机出现故障，因此刚一发现就应立即磨快或更换新品。

2. 检查安装螺钉

要经常检查安装螺钉是否紧固妥善。若发现螺钉松了，应立即重新扭紧。

警告！

使用螺钉松动的电镐会导致危险。

3. 电动机的维护

电动机绕线是电动工具的“心脏”。应仔细检查有无损伤，是否被油液或水沾湿。

4. 检查定位器（图 3、图 4）

定位器可能会由于过度使用而松脱。请随时注意其工作状态，确保它能牢牢固定住附件柄部分。如发现有任何磨损，请将此电镐送往授权服务中心进行维修。

5. 检查炭刷（图 10）

电动机里的炭刷是一种消耗品。炭刷一旦使用到磨损极限，电动机就会出现各种障碍；如果所使用的炭刷是“自停式”，电动机将自动地停止转动。遇到上述情况，应立即换上与图上代号一致的新炭刷。

此外，炭刷应经常保持干净状态，以保证能在刷握里自由滑动。

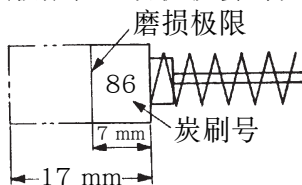


图 10

注意！

若电镐的炭刷超出磨损极限，则将导致电机损坏。

中文

6. 更换炭刷 (图 11)

松开螺钉 (六角形插口头螺栓 M6 × 16), 然后取下外罩盖。

松开螺钉 (六角形插口头螺栓 M4 × 10), 然后取下帽盖 (连同橡胶帽)。

拆下炭刷盖后可取下炭刷。

更换炭刷后, 拧紧炭刷盖, 然后再牢牢地装上帽盖。

7. 更换滑脂

此电镐具有完全气密结构, 可阻隔灰尘并防止滑脂泄漏。

因此, 此电镐可长时间使用而无需更换滑脂。请如下列所述更换滑脂。

○ 滑脂更换时间

购买本产品后, 每 6 个月需要更换一次滑脂。更换滑脂时, 请联系离您最近的授权服务中心进行更换。

8. 更换电源线

如果需要更换电源线, 则必须由此代理的生产厂商进行操作, 以免发生危险。

六角形插口头
螺栓 M4×10

帽盖
(连同橡胶帽)

炭刷盖

炭刷

刷架

外罩盖

六角形插口头
螺栓 M6×16

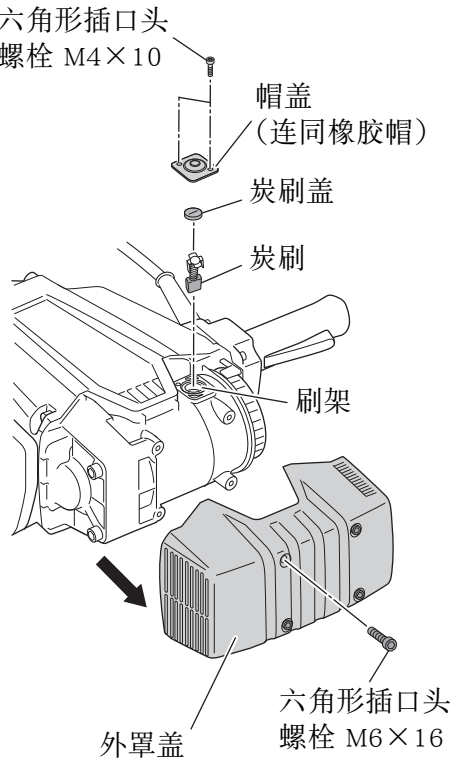
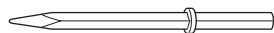


图 11

注意!

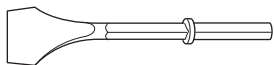
在操作和维修电动工具时, 必须遵守贵国制度的安全的有关规则和标准。

选择附件

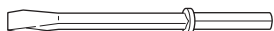


410 mm : 996372

520 mm : 985230



W75 × 520 mm : 985232

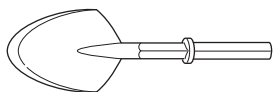


520 mm : 985231

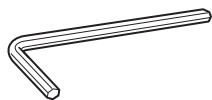
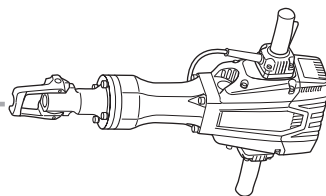


200 mm : 305880

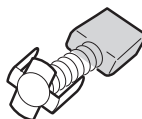
395 mm : 308092



546 mm : 985233



944459



999086

CONTENTS

GENERAL POWER TOOL SAFETY WARNINGS	14
DEMOLITION HAMMER SAFETY WARNINGS	16
ADDITIONAL SAFETY WARNINGS	17
SYMBOLS	17
NAME OF PARTS.....	18
SPECIFICATIONS	18
STANDARD ACCESSORIES	18
APPLICATIONS.....	19
PRIOR TO OPERATION.....	19
HOW TO USE THE DEMOLITION HAMMER.....	22
MAINTENANCE AND INSPECTION	23
SELECTING ACCESSORIES.....	25

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.

English

- 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) 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.

CAUTION

Keep children and infirm persons away.

When not in use, tools should be stored out of reach of children and infirm persons.

DEMOLITION HAMMER SAFETY WARNINGS

1. Wear ear protections

Exposure to noise can cause hearing loss.

2. Use auxiliary handle(s), if supplied with the tool.

Loss of control can cause personal injury.

3. Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.

Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.



ADDITIONAL SAFETY WARNINGS

1. Ensure that the power source to be utilized conforms to the power requirements specified on the product nameplate.
2. Ensure that the power switch is in the OFF position.
If the plug is connected to a receptacle while the power switch is in the ON position, the power tool will start operating immediately, which could cause a serious accident.
3. When the work area is removed from the power source, use an extension cord of sufficient thickness and rated capacity. The extension cord should be kept as short as practicable.
4. RCD
The use of a residual current device with a rated residual current of 30 mA or less at all times is recommended.
5. Do not touch the bit during or immediately after operation. The bit becomes very hot during operation and could cause serious burns.
6. Before starting to break, chip or drill into a wall, floor or ceiling, thoroughly confirm that such items as electric cables or conduits are not buried inside.
7. Wear a mask when turning your head upward.
8. Properly set the bit holder.
9. At the start of work, confirm screw tightening.
10. When working at a highly elevated location, pay attention to articles and persons below.
11. Wear protective shoes to protect your feet.

SYMBOLS

WARNING

The following show symbols used for the machine. Be sure that you understand their meaning before use.

	To reduce the risk of injury, user must read instruction manual.	n	Full-load speed
V	Rated voltage	--S/--S	Running Time / Down Time
A	Current	---/min	revolutions per minute
W	Watt		Class II tool

NAME OF PARTS

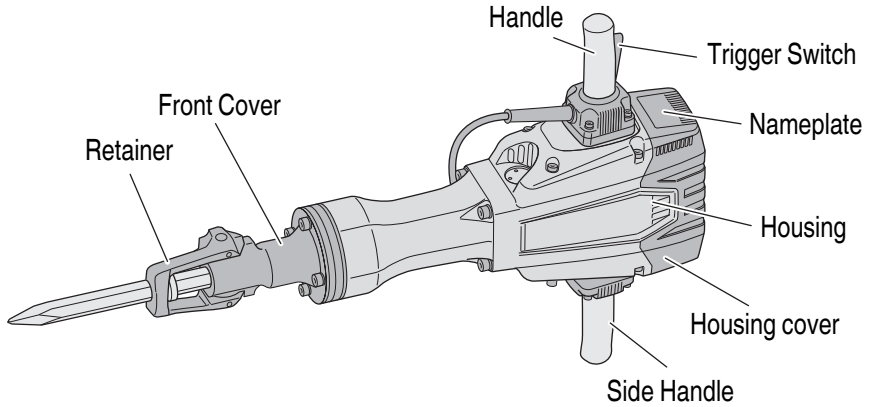


Fig. 1


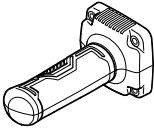

SPECIFICATIONS

Model	H90SG
Voltage	220 V ~
Power input	2000 W
Full-load impact rate	1000 /min
Weight	32.0 kg

STANDARD ACCESSORIES

In addition to the main unit (1 unit), the package contains the accessories listed in the below.

Table 1

Hexagon bar wrench (for M6 bolt)		1
Side Handle		1
M6 bolt (for Side Handle)		4

APPLICATIONS

Demolishing concrete, chiseling off concrete, grooving, bar cutting.

Application examples:

Installation of piping and wiring, sanitary facility installation, machinery installation, water supply and drainage work, interior jobs, harbor facilities and other civil engineering works.

PRIOR TO OPERATION

1. Power source
Ensure that the power source to be utilized conforms to the power requirements specified on the product nameplate.
2. Power switch
Ensure that the power switch is in the OFF position. If the plug is connected to a receptacle while the power switch is in the ON position, the power tool will start operating immediately, which could cause a serious accident.
3. Extension cord
When the work area is remote from the power source, use an extension cord of sufficient thickness and rated capacity. The extension cord should be kept as short as practicable.
4. Check the receptacle
If the receptacle loosely accepts the plug, the receptacle must be repaired. Contact the nearest authorized service center for repair service. If such a faulty receptacle is used, it may cause overheating, resulting in a serious hazard.
5. Confirming condition of the environment
Confirm that the work site is placed under neat, clean conditions conforming to prescribed precautions.
6. Attaching the side handle

WARNING

Be sure to switch power OFF and disconnect the plug from the receptacle.

Attach the side handle to the unit using the hexagon bar wrench and hexagon socket hd. bolt M6 x 4. Make sure the convex portion of the A-side is positioned towards the nut. (Fig.2)

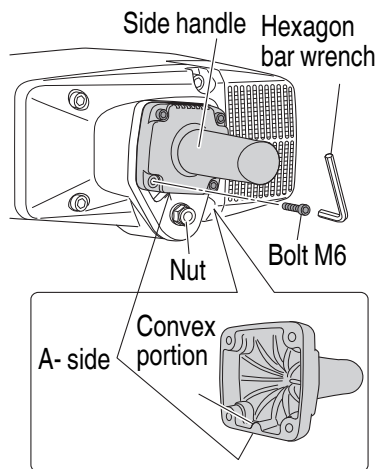


Fig. 2

English

7. Installing an accessory, such as a bull point, a cutter, etc.,

WARNING

Be sure to switch power OFF and disconnect the plug from the receptacle.

NOTE:

When using accessories such as bull points, cutters, etc., make sure to use the genuine parts designated by our company.

* It is possible to attach accessories such as bull points, cutters, etc., with any of the three types of shank bit shapes shown below. (Fig. 3)

○ Mounting air tool shank and standard hexagonal shank tools.

- (1) Clean, then smear the accessory shank portion with grease or machine oil.
- (2) Move the retainer to open position (A) and seat the accessory, such as a bull point, a cutter, etc., in the hexagonal hole in the front cover (See Fig. 4).
- (3) Clamp the accessory into place by bringing the retainer to the clamp position. To make sure that the accessory is properly mounted, pull on the accessory. (Fig. 5)

○ Mounting standard hexagonal shanks and retaining groove shanks without collars.

- (1) Clean, then smear the accessory shank portion with grease or machine oil.
- (2) Move the retainer to position (A). Align the accessory shank portion so that its recessed portion is under clamp and seat the accessory such as a bull point, a cutter, etc., in the hexagonal hole in the front cover (See Fig. 6).

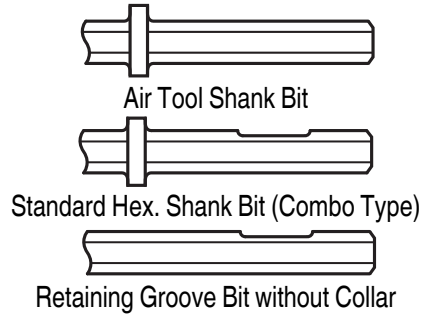


Fig. 3

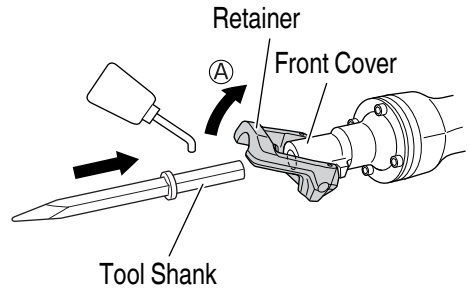


Fig. 4

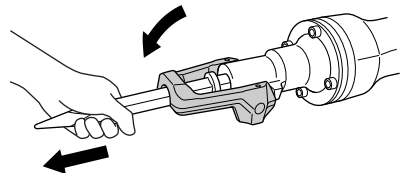


Fig. 5

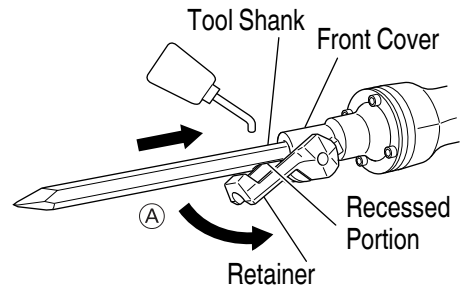

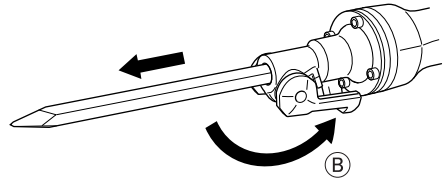


Fig. 6

- (3) Clamp the accessory into place by bringing the retainer to clamp position . To make sure that the accessory is properly mounted, pull on the accessory. (**Fig. 7**)

NOTE:

When removing the accessory, such as a bull point, a cutter, etc., carry out the above procedures in reverse.

**Fig. 7**

HOW TO USE THE DEMOLITION HAMMER

1. Switch operation

To turn ON the switch, grasp the handle with the trigger switch.

When you let go of the trigger switch, the switch turns OFF.

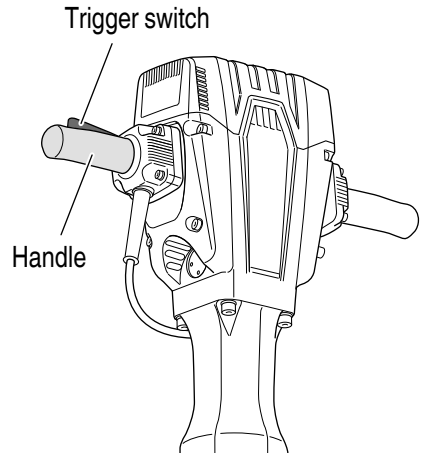


Fig. 8

2. Demolition hammer operation

(1) Pull the trigger switch after applying the tip of the bit to the crushing position.

(2) Operate this demolition hammer by utilizing its own weight. The performance will not be better even if it is pressed or thrust forcibly against the work surface. Hold this demolition hammer with a force just sufficient to counteract the reaction.

This demolition hammer is equipped with a spring cushion on the handle so that chipping vibration is not conveyed to the operator.

Operate this demolition hammer without forcing the handle too strongly.

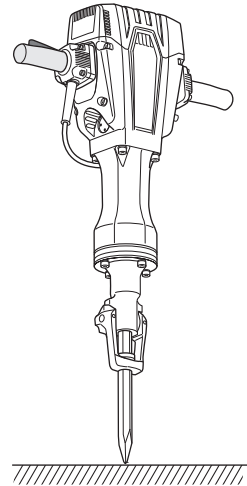


Fig. 9

NOTE:

Sometimes the power tool does not begin the striking stroke even when the motor rotates because oil has become thick.

If the power tool is used at low temperatures or if it is used after a long idle time, this demolition hammer should be kept running in for about five minutes in order to warm it up.

CAUTION

After long time of use, the front cover becomes hot.
Therefore, be careful not to burn your hands.

MAINTENANCE AND INSPECTION

WARNING

Be sure to switch power OFF and disconnect the plug from the receptacle during maintenance and inspection.

1. Inspecting this demolition hammer
Since use of a dull accessory, such as a bull point, a cutter, etc., will degrade efficiency and cause possible motor malfunction, sharpen or replace with a new one as soon as abrasion is noted.
2. Inspecting the mounting screws
Regularly inspect all mounting screws and ensure that they are properly tightened. Should any of the screws be loose, retighten them immediately.

WARNING

Using this demolition hammer with loosen screws is extremely dangerous.

3. Maintenance of the motor
The motor unit winding is the very "heart" of the power tool. Exercise due care to ensure the winding does not become damaged and/or wet with oil or water.
4. Inspecting the retainer (**Fig. 3 and 4**)
The retainer may become loose due to excessive use. Always, pay attention to its proper functioning to securely hold the accessory shank portion. If any wear and tear is found, bring this demolition hammer to an authorized service center for maintenance service.
5. Inspecting the carbon brushes (**Fig. 10**)
The Motor employs carbon brushes which are consumable parts. When they become worn to or near the "wear limit", it could result in motor trouble. When an auto-stop carbon brush is equipped, the motor will stop automatically. At that time, replace both carbon brushes with new ones which have the same carbon brush Numbers shown in the figure. In addition, always keep carbon brushes clean and ensure that they slide freely within the brush holders.

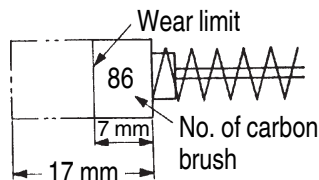


Fig. 10

CAUTION

Using this Demolition Hammer with a carbon brush which is worn in excess of the wear limit will damage the motor.

English

6. Replacing carbon brushes (**Fig. 11**)
Loosen the screws (Hexagon socket hd. bolt M6 × 16), then remove the housing cover.
Loosen the screws (Hexagon socket hd. bolt M4 × 10), then remove the cap covers (with cap rubber). After removing the brush caps, the carbon brushes can be removed. After replacing the carbon brushes, tighten the brush caps, then mount the cap covers securely.
7. Grease replacement
This Demolition Hammer is of full air-tight construction to protect against dust and to prevent lubricant leakage. Therefore, this Demolition Hammer can be used without lubrication for long periods. Replace the grease as described below.
 - Grease Replacement Period
After purchase, replace grease after every 6 months of usage. Ask for grease replacement at the nearest authorized Service Center.
8. Replacing supply cord
If the replacement of the supply cord is necessary, this has to be done by the manufacturer of this agent in order to avoid a safety hazard.

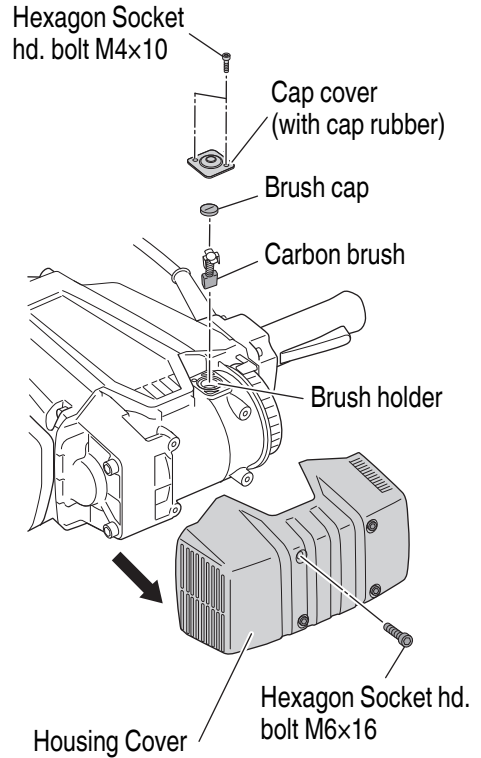
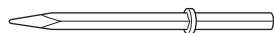


Fig. 11

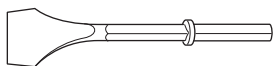
CAUTION

In the operation and maintenance of power tools, the safety regulations and standards prescribed in each country must be observed.

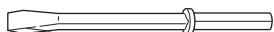
SELECTING ACCESSORIES



410 mm : 996372
520 mm : 985230



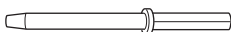
W75 x 520 mm : 985232



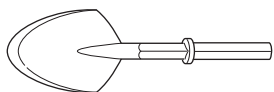
520 mm : 985231



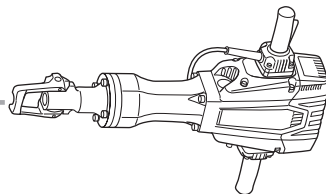
200 mm : 305880



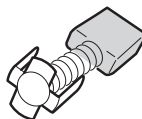
395 mm : 308092



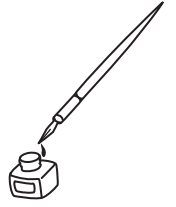
546 mm : 985233



944459



999086





服务中心
高壹工机商业(上海)有限公司
上海市闵行区浦江工业园区三鲁路3585号7幢3楼

制造商
高壹工机(马来西亚)有限公司
马来西亚柔佛州士乃第二工业区

Koki Holdings Co., Ltd.

111
编号: C99700221 M
发行日期: 2021年 11月
中国印刷