

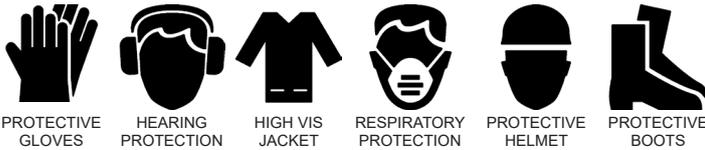
“Let us be an asset to your business”

PETROL SAW SAFETY SHEET

(Hilti DSH 900-X)



PERSONAL PROTECTION EQUIPMENT (PPE)



IMPORTANT - CONDUCT A RISK ASSESSMENT

Before you commence any work at your chosen work area, you should undertake some preliminary hazard identification and risk control precautions. Ideally more than one person should do this. This is undertaken by:

1. Physically inspecting the work site
2. Reviewing the best way/job steps required to complete the task
3. Reviewing the Safe Work Information supplied with the equipment
4. Reviewing other reference documentation and expert advice.

The hazard identification and control process steps are defined as:

1. Identify the Hazards (eg. 240V power drill use around wet areas)
2. Assess the Risk (multi earth paths - possible electrocution)
3. Select the Control Measure (e.g. dry the area; use an RCD; use a cordless drill etc)
4. Re-assess the Risk (risk of electrocution now negligible). This is undertaken to ensure that the risk control measures adopted have not introduced any new risks to the work area.

SAFETY INFORMATION

- Always hold the tool firmly with both hands on the grips provided. Keep the grips dry, clean and free from oil and grease.
- Never use the tool without the guard (hood). Adjust the guard to the correct position. The guard must be securely attached and positioned for maximum safety, so that the smallest possible part of the cutting disc is exposed to the operator. Make sure that sparks created during use do not present a hazard. The guard helps to protect the operator from broken disc fragments, inadvertent contact with the cutting disc and uncontrolled flying sparks.
- Do not touch rotating parts – risk of injury!
- Maintain a firm footing and balance at all times. This will allow you to control the tool better, even in unexpected situations. Avoid unusual postures.
- Wear suitable work clothes. Do not wear jewelry or loose clothing. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be snagged by moving parts. Wear eye protection. Flying fragments present a risk of injury to the body and eyes.
- If the tool or the cutting disc has been dropped or has fallen, check the tool and the cutting disc for damage. Change the cutting disc if necessary.
- Switch the tool off before adjusting the guard or changing the cutting disc. Switch the tool off after use. Wear protective gloves also when changing the cutting disc. Touching the cutting disc presents a risk of injury (cuts or burns).
- Use of the wet cutting method is preferable in order to reduce the amount of dust produced when cutting mineral materials and asphalt.



**PLEASE READ THIS GUIDE CAREFULLY
BEFORE OPERATING THE EQUIPMENT**

HELP AND SUPPORT

If the unit does not operate correctly or you are unhappy with its performance, return it to Asset Construction Hire for an exchange, or phone for assistance. Do not attempt repairs yourself.

Asset Construction Hire

Phone: 1300 361 383 or email: office@assethire.com.au

OPERATION MANUAL

A PDF of the full Operation Manual is available at:
www.assethire.com.au/manuals-specs-safety-sheets/
and must be read before using the equipment.

BEFORE OPERATING THE EQUIPMENT:

- Read this Safety Sheet and any other information provided with the equipment, including instructions, decals and operation guidelines.
- Check that you understand how and when to use the equipment, and know how to operate it safely.
- Ensure that it is only used according to the manufacturers and hirer's instructions, and only for work that is compatible with its technical limitations.
- Operate in a clear work area free from nonessential persons, children, animals or hazards.
- Ensure that you have a secure footing and clear access and egress to the work area while on the job.
- Do not operate any equipment if you are tired or suffering any medical condition, or if under the influence of drugs or alcohol which may cause lethargy or dangers to yourself or others.
- Do not use faulty equipment. If in doubt contact Asset Construction Hire.
- Avoid skin contact with the slurry created when using the wet cutting method.
- Dust from materials such as paint containing lead, some types of wood, minerals and metal can be harmful to health. Contact with or inhalation of the dust can cause allergic reactions and/or respiratory or other diseases to the operator or bystanders. To reduce the amount of dust produced when cutting, we recommend use of the wet cutting method. Make sure that the workplace is well ventilated. It is advisable to wear a filter class P2 dust mask. Comply with national regulations applicable to the materials you will be working with. Cutting material containing asbestos is not permissible.
- Take breaks between working and do relaxation and finger exercises to improve the blood circulation in your fingers. Exposure to vibration during long periods of work can lead to disorders of the blood vessels and nervous system in the fingers, hands and wrists.
- Consult the responsible structural engineer, architect or person in charge of the building project before starting work. Slits cut into load-bearing walls or other structures can influence the statics of the structure, especially when reinforcing bars or load-bearing components are cut.
- If the work involves breaking through, always secure the area on the side opposite to where the work is being carried out. Pieces of debris could drop out and/or fall down and injure other persons.
- Never leave the tool running while unattended. Switch the engine off and wait until the cutting disc has come to a complete standstill before placing the tool on the ground or before transporting it.
- Make sure that the pump cover is installed if you operate the tool without an external water pump.

PETROL SAW BASIC INSTRUCTIONS

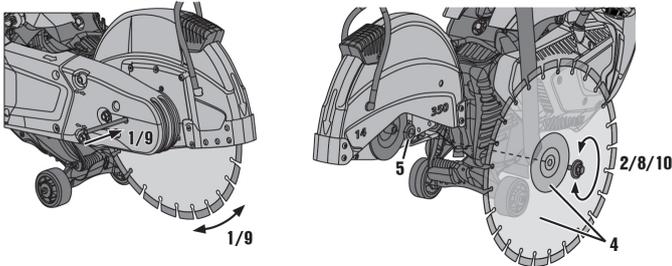
(Hilti DSH 900-X)

PRE-OPERATION CHECK

Check the fuel level. To add fuel:

- Mix the fuel (two-stroke oil / gasoline mixture) by shaking the fuel container. Use a mixing ratio of 1:50. This corresponds to 1 part good-quality two-stroke oil that complies with the API-TC specification and 50 parts gasoline
- Place the product in a steady upright position.
- Open the fuel tank by turning the cap counterclockwise and then removing the cap.
- Fill the tank slowly using a funnel.
- Close the fuel tank by fitting the cap and then turning it clockwise.

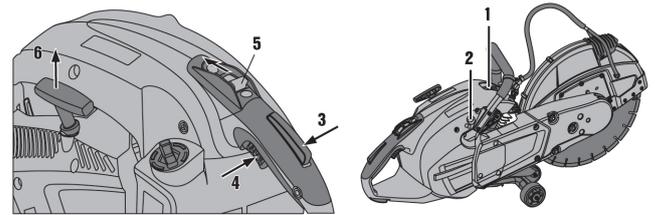
Fitting a cutting disc:



- Risk of injury and damage. Damaged cutting discs may break. If the cutting disc has been subjected to an impact, check the disc for damage and replace it if necessary. Never use cutting discs that are damaged, run untrue or vibrate. Don't use synthetic resin-bonded fiber-reinforced cutting discs which have exceeded their use-by date or already softened due to water absorption.
1. Insert the locking pin in the hole in the drive belt cover and turn the cutting disc until the locking pin engages.
 2. Release the securing screw by turning the screw counterclockwise with the wrench and then remove the screw and washer.
 3. Remove the locking pin.
 4. Remove the clamping flange and the cutting disc.
 5. Check that the mounting bore of the cutting disc to be fitted corresponds with the centering collar of the cutting disc mounting flange.
 6. Clean the clamping and centering surfaces on the product and on the cutting disc.
 7. Place the cutting disc with centering collar on the drive arbor and check that the direction of rotation is correct. The direction-of-rotation arrow on the cutting disc must match the direction of rotation indicated on the product.

STARTING THE ENGINE

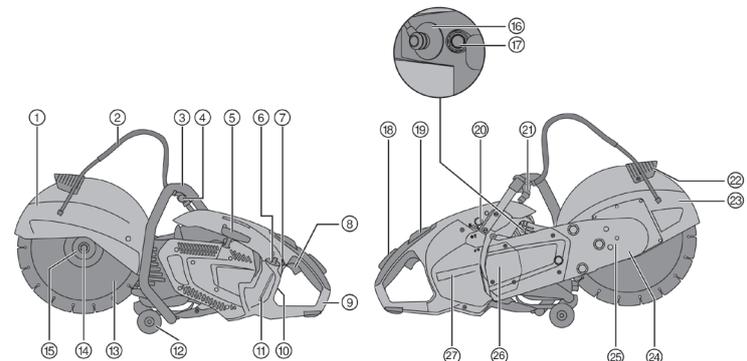
- Press the decompression valve (once).
- When starting the cold engine (only when cold), squeeze the primer bulb 2 to 3 times (until the primer bulb is completely filled with fuel).
- Press the throttle grip and keep it pressed.
- Press the throttle trigger and keep it pressed.
- Move the start/stop switch to the “start” position.
- Release the throttle safety grip and throttle trigger.
- This half-throttle position is activated.
- Check that the cutting disc is free to rotate.
- Position your right foot over the lower part of the rear grip.
- Pull the starter handle slowly with your right hand until resistance is felt.
- Pull the starter handle vigorously.
- Repeat this action until the engine starts.
- Press the throttle trigger briefly as soon as the engine starts.
- This disengages the half-throttle position and the engine then runs at idling speed when the throttle is released.



STOPPING THE ENGINE

- Release the throttle trigger.
- Move the start/stop switch to the “stop” position. The engine stops.

MAIN COMPONENTS



- | | |
|---|---|
| ① Guard | ⑩ Spark plug connector |
| ② Water supply | ⑪ Decompression valve |
| ③ Front grip | ⑫ Throttle safety grip |
| ④ Water valve | ⑬ Start/stop switch (DSH 700 OR DSH 900) |
| ⑤ Pull start | ⑭ Start/stop switch with integrated half-throttle lock (DSH 700-X OR DSH 900-X) |
| ⑥ Fuel tank cap | ⑮ Primer bulb |
| ⑦ Choke lever / half-throttle lock (DSH 700 OR DSH 900) | ⑯ Water connection |
| ⑧ Throttle trigger | ⑰ Grip for guard adjustment |
| ⑨ Rear grip | ⑱ Disc direction-of-rotation indicator (arrow at front of guard) |
| ⑩ Type identification plate | ⑲ Saw arm |
| ⑪ Fuel-level sight glass | ⑳ Hole for locking pin for changing cutting discs |
| ⑫ Guide rollers | ㉑ Pump cover |
| ⑬ Cutting disc | ㉒ Air filter cover |
| ⑭ Clamping screw | |
| ⑮ Clamping flange | |