

## Stihl HS45 Hedge Trimmer



### PPE

- Wear proper protective clothing and equipment.
  - Clothing must be sturdy but allow complete freedom of movement.
  - Wear snug-fitting clothing, an overall and jacket combination, do not wear a work coat.
  - Avoid clothing that could get caught on branches or brush or moving parts of the machine.
  - Do not wear a scarf, necktie, or jewellery.
  - Tie up and confine long hair.
- Wear sturdy shoes with non-slip soles.
  - To reduce the risk of eye injuries, wear close-fitting safety glasses in accordance with European Standard EN 166. Make sure the safety glasses are a snug fit.
  - Wear hearing protection, e.g., earplugs or earmuffs.
  - Wear heavy-duty work gloves made of durable material.

### Fuel

- Use 2 Stroke Fuel Supplied by Hire Here.
- Do not use straight petrol.
- Do not use 2 stroke fuel designed for mopeds or motor bikes.
- If you are using your own fuel, it must be mixed 25:1, that is 2 x 100ml bottles of oil to 5 litres of petrol.
- Before fuelling, clean the filler cap and the area around it to ensure that no dirt falls into the tank.
- Position the machine so that the filler cap is facing up.
- Open the filler cap and fill up with fuel.
- Take care not to spill fuel while fuelling and do not overfill the tank.
- After fuelling, tighten down the filler cap as securely as possible by hand.

### Operating Instructions

1. Move the stop switch to I.
2. Press down the lockout lever on top of the handle and squeeze the throttle trigger below the handle and hold both levers in that position.
3. Press in the starting throttle lock with your right thumb.
4. Let go of the lockout lever, throttle trigger and starting throttle lock.
5. This is the starting throttle position.
6. Set the choke lever to closed if the engine is cold or open if the engine is warm.
7. Press the manual fuel pump bulb at least five times – even if the bulb is filled with fuel.

### Basic Working Techniques:

- Hold the machine as close to your body as possible to get the best balance.
- When trimming a hedge, the engine should always face away from the hedge.
- Work with a swinging action from the bottom upwards.
- When trimming the sides, make sure that the tip does not touch the ground and do not rush the job. Work steadily until all the branches have been cut back cleanly.
- Never work from a ladder, stool or any other raised position that is not fully secured.
- When cutting formal hedges, the term, "cutting the hedge to a batter" should be applied. The hedge needs to be slightly tapered on both sides so that the base is wider than the top and light can reach the bottom of the hedge. This will also give stability and stops the hedge collapsing under snow. It is better to do this a little bit each time you trim or from the first trim on a four- to five-year-old hedge, rather than hacking hard into it.

### Cranking

1. Place the unit on the ground.
2. Remove the blade scabbard.
3. Check that the cutting blades are not touching the ground or any other obstacles.
4. Make sure you have a safe and secure footing.
5. Hold the unit firmly with your left hand on the front handle and press down.
6. Pull the starter grip slowly with your right hand until you feel it engage and then give it a brisk strong pull.

### NOTES and TROUBLE SHOOTING

- Do not pull out the starter rope all the way – it might otherwise break.
- Do not let the starter grip snap back. Guide it slowly back into the housing so that the starter rope can rewind properly.

#### 1. If the engine is cold (choke set to closed)

Pull the starter rope five times.

Set choke lever to **Open Run** and continue cranking until the engine runs.

If conditions are unfavourable and the engine does not start after 10 pulls with the choke lever set to **Open Run**

Set choke to **Closed** and pull starter rope five times. Set choke to open and continue cranking.

#### 2. If the engine is warm (choke set to open)

Continue cranking until the engine runs.

As soon as the engine runs, blip the throttle trigger – the engine settles down to idle speed.

If the engine stops during warm-up or acceleration

Repeat the starting procedure as described under "If the engine is cold".

#### 3. If the engine does not start

Make sure all settings are correct (choke shutter, throttle trigger in starting throttle position, stop switch to I).

Repeat the starting procedure.

#### 4. If fuel tank has been run completely dry and then refuelled

Press the manual fuel pump bulb at least five times – even if the bulb is filled with fuel.

Now start the engine.