

## Data sheet STIHL FS 310 - Professional 1.4kW-Clearing saw with 4-MIX engine



The STIHL 4-MIX engine is the first four stroke engine which works on a mixture of petrol and oil. It combines the advantages of four-stroke and two-stroke engines in one. With higher torque and up to 80% less emissions and a deeper more pleasant sound. Invaluable for mowing tough grass, scrub or clearing vegetation. A four point anti-vibration system and fully adjustable bike handle ensure maximum operator comfort.

### Technical data

Displacement  
Power output  
Weight without cutting tool and deflector  
Fuel capacity  
Overall length without tool  
Cutting blade

36.3 cm<sup>3</sup>  
1.4/1.9 kW/bhp  
7.2 kg  
0.71 l  
1.81 m  
AutoCut

### Features

4-MIX engine  
Anti-vibration system  
Bike handle  
Decompression system  
Electronic ignition  
Handle adjustment without tools  
Multi-function control handle  
Shoulder strap / carrying system



STIHL FS 310

Standard ■ Retrofittable □

@mrplanthireuk mr\_plant\_hire @mrplanthireuk @mrplanthireuk

Head office: 120 Hertford Road, Enfield EN3 5AX e: [info@mrplanthire.co.uk](mailto:info@mrplanthire.co.uk)

**020 8351 3434**

## S A F E T Y

**ALWAYS** start the engine in the open air

**DO NOT** smoke when refuelling

**DO NOT** mix OIL with the fuel

**ALWAYS** stop the engine before making any adjustments, refuelling, moving or cleaning, or when the unit is unattended

**DO NOT** remove any safety guards that are fitted

**DO NOT** touch any moving parts or attempt any maintenance whilst the machine is running - **KEEP HANDS AND FEET AWAY**

**BEFORE** starting work clear the work area of any objects that could damage the machine

**DO NOT** allow children or anyone uninstructed to operate the machine - **KEEP ANIMALS AWAY**

**DO NOT** use on slopes or banks of more than 25°

**ALWAYS** wear suitable clothing to give personal protection including footwear that offers a good grip

**AVOID** wearing loose garments that may catch in moving parts

**KNOW** how to stop the machine in an emergency

**NEVER** interfere with any control settings on the engine

**NEVER** select reverse gear with your back to a wall or fence or other immovable object

**IF A FAULT** develops **DO NOT** attempt any repair - immediately contact the supplier from whom the machine was obtained

## TO START PETROL ENGINE

Check the engine oil level. Top up with 10w/40 oil if necessary.

Check fuel level. Only use unleaded petrol from a clean container. Never re-fuel when the engine is hot or running. Leave 1" air space in the fuel tank.

Depress the engine stop lever (the red lever on the left handlebar) then pull up the clutch lever and secure with locking clip.

Ensure the wheel speed lever is in neutral 'O' position.

Apply half throttle (the lever on the right handlebar).

Turn the fuel tap to 'on' position, if the engine is cold set the choke lever to 'on' position.

Pull the recoil start handle gently until it engages then give it a good strong pull to start the engine.

When the engine has started, release the choke lever after a few seconds and return the throttle lever to idle position.

## TO START DIESEL ENGINE

*(C10 only)*

Check fuel level. Only use diesel from a clean container. Never re-fuel when the engine is hot or running.

Depress the engine stop lever (the red lever on the handlebar) then pull in the clutch lever and secure with locking clip.

Ensure the wheel speed lever is in neutral 'O' position.

Apply half throttle (the lever on the right handlebar).

Press and hold the decompression lever on top of the engine.

Pull recoil start handle gently until it engages then slowly pull the engine over 2-3 times to prime the engine.

Release the decompression lever and gently pull over the engine until compression is felt.

Press, but do not hold, the decompression lever and give the starter handle a good strong pull to start the engine.

Once the engine has started return the throttle to idle position.

## OPERATION

Use handlebar adjuster to set handlebar height.

Pull up clutch lever (located on left-hand handlebar). This will automatically release stop lever locking clip.

Ensure forward/reverse lever is in forward position.

Select working speed one. **NEVER** select a higher wheel speed for work.

Engage drive to the digging knives by pushing the lever forward.

Release clutch lever slowly and *fully*, keeping the red engine stop lever depressed as engine will stop if released.

Commence work.

## TO STOP ENGINE

Close the throttle.

Engage clutch lever.

Locate gear lever in neutral position.

Disengage drive to the digging knives.

Release clutch lever.

Release engine stop lever completely.

**WARNING: THE EXHAUST COVER MAY BE HOT - DO NOT TOUCH**

## OPERATING HINTS

LET THE MACHINE DO THE WORK.

Excessive downward pressure on the handlebars may cause the machine to jump. Apply gentle pressure and the machine will find its own digging depth according to the type of ground. If the ground is hard, position the depth adjuster centre knife on the top hole and make several passes until the desired depth is achieved.

If the speed or digging knives lever does not engage immediately, release clutch lever slightly and 'feel in' with the engine on tick-over. **DO NOT 'RIDE' THE CLUTCH.**

C10 and C12 only - if one wheel begins to lose traction engage the differential lock by pulling the black lever on top of the right hand handlebar towards you to engage drive to both wheels.