



# 4 Stroke Petrol Post Driver



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# Specification

## Product Description

The 4 Stroke Petrol Post Driver is designed to knock posts, stakes or pegs into the ground. The high impact hammer action of 1350 BPM will drive a post into the ground within a matter of seconds.

Our easy to use Petrol Post Driver is a portable and powerful tool, and the perfect choice for driving posts, fencing posts, signs and tree stakes among other items.

The two adaptor sleeves will allow the post driver to fit almost any post.

We at Monster Group UK understand this is a new and exciting purchase, and although it is tempting to get stuck in, please carefully read these instructions before you start using the machine.

**Please Note: The Petrol Post Driver is designed to be used by a competent person. Personal Protective Equipment (PPE) must be worn by the operator of this equipment.**

**Please refer to and read Safety Advice, Safe Working Practice to ensure prevention of injury or damage to the device before starting.**

## Technical Information

Fuel: Unleaded petrol

Oil: SAE10W-30 oil

Weight: 20.2kg

Max power and speed: 900W(1.2HP)/6500r/min

Impact frequency: 700~1350BPM

Impact energy: Up to 41 ft lbs

# Specification

## Product Specifics

Dimensions of Post Driver: 975mm L x 415mm W x 350mm H

Engine: 40cc

Fuel tank size: 0.75L

Oil capacity: 0.12L

## Item Contents

1 x Post Driver

2 x Adaptor sleeve

1 x Spark plug

1 x Multi-tool

1 x Screwdriver

1 x Spanner

3 x Allen Key

1 x Hex key

## Monster Guarantee

If you wish to return a product in perfect working order, we provide a 30 day returns policy as long as the item is unopened and in a resalable condition.

A 12 month warranty applies to all of our electrical products; we will cover the cost of labour and parts. Our policy is to try and repair the item before arranging an exchange or refund.

If for any reason a part is missing please get in touch with us within 7 days on receipt of your order. You can contact our friendly and helpful Customer Support Team via email or call. For full terms and conditions contact our Support Department via the details on the Contact Us page.

# Specification

## Product Features

- |                      |                                  |                    |
|----------------------|----------------------------------|--------------------|
| 1) Start/Stop switch | 9) Hammer case                   | 17) Oil filler cap |
| 2) Handle            | 10) Piling socket                | 18) Multi-tool     |
| 3) Spark plug        | 11) Piling socket cover          | 19) Screwdriver    |
| 4) Intake switch     | 12) Lubricating oil filling port | 20) Spark plug     |
| 5) Fuel primer bulb  | 13) Re-coil starter              | 21) Hex key        |
| 6) Fuel tank         | 14) Air filter                   | 22) Spanner        |
| 7) Regulating switch | 15) Choke control                | 23) Allen key      |
| 8) Throttle lever    | 16) Muffler                      |                    |

# Safety Advice

## Safe Working Practice

**Please read through the safe working practice to ensure prevention of injury or damage to the device.**

The operator must wear slip-resistant safety shoes, appropriate clothing, eye protection and hearing protection when operating this machine.

The user must stand behind the handle when operating. Ensure the operator maintains a stable standing position and keeps their body weight balanced.

Never operate the post driver unless both feet are in contact with the ground, never stand on a ladder, trailer, chair, or any other surface other than stable ground.

Make sure you are using both hands when operating the machine.

Ensure the handles are free from grease and oil.

Be aware of the risk of injury to yourself and possible bystanders. Any bystanders, children or pets should be at least 15 meters away.

Do not start the engine if the post driver is lying on the ground.

Turn the engine off when you have finished operating.

Before every use, check the tightness of the fastening screws. If loose, you must re-tighten.

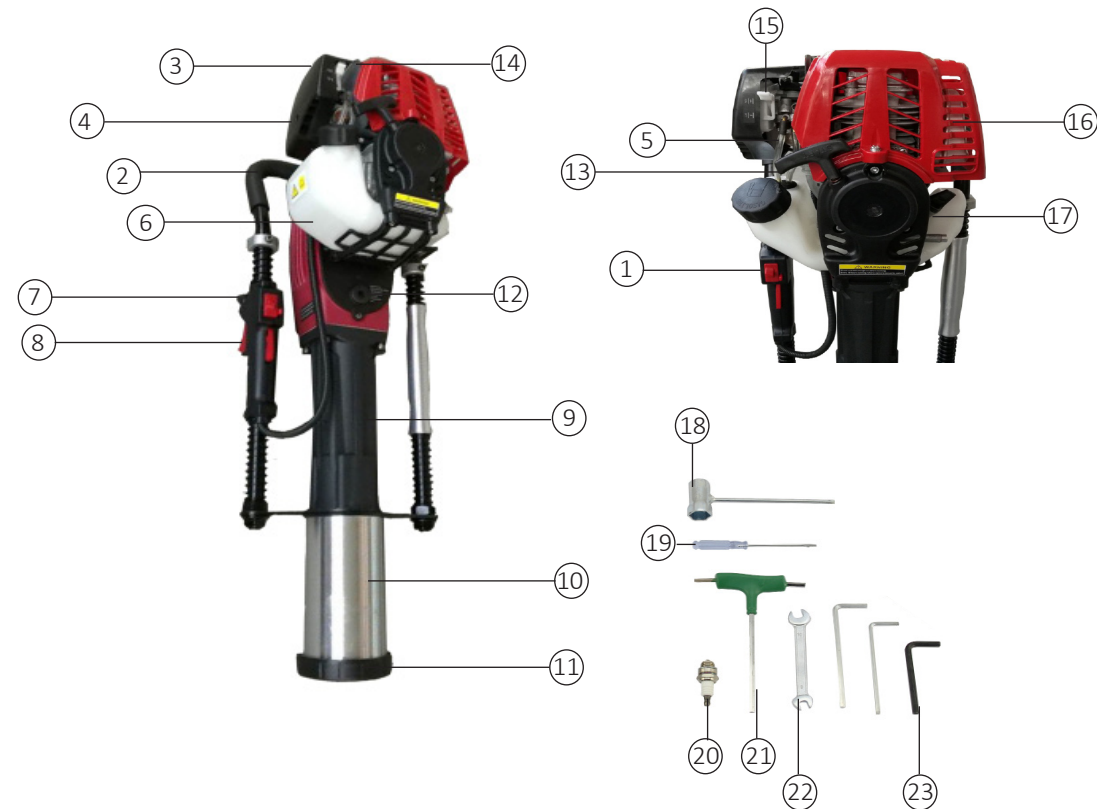
Use only unleaded petrol.

Petrol is highly flammable. Make sure you re-fuel in a well ventilated environment.

Do not overflow the machine with fuel. If it overflows, wait for the fuel to volatilize before starting the engine.

Make sure you tighten the fuel tank lid after use.

Always allow the engine adequate time to cool down before refuelling.



# Safety Advice

## Safe Working Practice



Use only outdoors. The Petrol Post Driver needs ventilation – the emissions contain carbon monoxide.

Do not quickly accelerate or brake as this could cause damage to the engine and work piece.

Make sure you have checked the composition of the material you are to work on. Identify and avoid concealed pipes or cables.

Never drive a post until the barrel touches the ground.

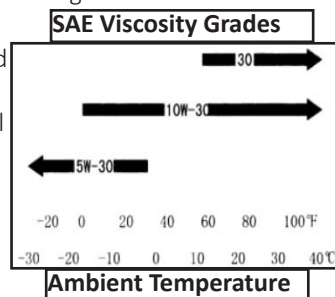
Never operate the throttle unless the post driver is on a post, and between 5-10kg downward force is exerted on the handles.

# User Guide

## First Fuelling

The engine will need to be filled with oil.

1. Use unleaded petrol for the fuel tank.
2. Use SAE10W-30 oil for the oil tank. SAE10W-30 is recommended for general use. Other viscosities shown in the chart may be used when the average temperature in your area is within the indicated range.
3. Add in a well ventilated place.
4. Do not add too much oil or unleaded petrol. The oil and petrol should not exceed the neck of their separate filling ports. If any oil or petrol spills, wait until the fuel is removed or volatilizes completely and then restart the engine.



# User Guide

## Operational Instructions

1. Press the Start/Stop switch to START.
2. Set the choke control to the OFF position.
3. Repeatedly press the primer bulb until you see the fuel flow through the transparent hose from the fuel tank to the carburetor. (Close the air vent when the engine is in the state of cooling, and only open the air vent when the engine is heated.)
4. Set the machine upright and hold the operation handle with one hand while quickly pulling the recoil starter. The engine should start after a few pulls. Open the air vent completely once the engine has started, and move the choke control to the ON position.
5. Carry out up to 5 minutes of idle operation to warm up the machine.
6. Once the engine is warmed up, squeeze the throttle lever and hold the handle grip firmly as you slowly lower the Post Driver and make contact with a post.
7. To stop, release the throttle and turn the Start/Stop switch to STOP.

### Driving in a post:

1. Stand the post in the required position by lightly tapping the post into the ground with a hammer. Ensure that the post is stable enough to take the weight of the Post Driver.
  - Doing this step in batches will save time.
  - You can use a guide wire to maintain a straight fence line.
2. Lift the Post Driver over and on to the post. Ensure that the post is in a vertical position and the post driver is on a parallel plane to the post.
3. Ensure the operator maintains a stable standing position and keeps their body weight balanced.
4. Pull down on the Post Driver with 5-10kg of downward force. This ensures that the internal hammer mechanism is engaged in the correct operating position, and reduces unexpected movement while driving.

# User Guide

## Operational Instructions

5. Gently pull the throttle trigger until the hammer action is felt.
6. Once the post can be seen as being driven into the ground, fully depress the throttle trigger and drive the post to the desired depth.
7. If the post does not drive into the ground, cease driving and move the post along and try again.
8. Once the desired depth has been reached, release the throttle so the engine is idling and the hammer action has stopped.
9. Move to the next post and repeat.
10. To stop the machine, press the Start/Stop switch to STOP.

## Maintenance

Periodical maintenance is required on the Spark Plug to make sure the Petrol Post Driver starts correctly. This should also be done before the first use after storage, along with a fresh fuel mix.

### Spark Plug:

1. The correct air gap should be 0.5mm.
2. Stop the engine and allow it to cool. Using the mutli-tool remove the spark plug.
3. Clean any dirt from around the spark plug. Do not let any dirt enter the cylinder. Re-gap the spark plug using a Feeler Gauge, replace and tighten.

### Air Filter:

1. Check the air filter regularly.
2. Clean the air filter with warm water and detergent, and then dry it thoroughly.
3. Replace the filter if it is damaged.
4. The air filter sponge should be replaced after 36 hours of work.

# User Guide

## Maintenance

### Fuel Filter:

If the fuel filter is clogging, the speed of the petrol driver will slow and it will have a weak impact upon posts. When cleaning the fuel filter, clean the fuel tank.

### Carburetor:

The fuel tank and carburetor are usually left with residual oil. This will eventually plug the oil line which will stop the engine from working. Therefore, if the machine has not been in use for a long period of time, be sure to take the fuel completely out. Do this by pressing the carburetor primer bulb to drain the oil.

### Impact Cylinder:

After working for an accumulated 50 hours, fill the impact cylinder with grease.

### Gearbox Lubrication:

Open the gear box and lubricate the driving gear regularly with lubricating oil to guarantee full lubrication of the gear.

### Oil Change:

Make sure you change the oil regularly as there are many parts in the engine that need to be lubricated. Running the engine with a low oil level can cause engine damage.

1. Drain the used oil when the engine is warm. Warm oil drains quickly and completely.
2. Place a suitable container below the engine to catch the used oil.
3. Remove the oil filler cap/dipstick and drain the oil into the container by tipping the engine toward the oil filler neck.

Please dispose of used motor oil in a manner compatible with the environment. Do not throw in the bin, pour on the ground, or down a drain.

4. With the engine in a level position, fill to the bottom edge of the oil fill hole with the recommended oil.
5. Reinstall the oil filler cap/dipstick securely.

### Muffler:

Regularly remove dirt on the inlet and outlet of the muffler.

### Cylinder heat sink:

Regularly remove dust to ensure cylinder cooling.

# Troubleshooting

## Resolution Guide

Please read through the guide below if you have any issues or faults with your device. The information covers and resolves the majority of frequently asked questions.

**Q: There are parts missing from my order.**

**A:** If there appears to be any part missing from your package contact our Customer Support team via the details on the Contact Us page within 7 days of receipt.

**Q: I am having difficulties starting the engine in its cooling state.**

**A:** Check the choke control position and the engine start/stop switch are in the correct position. There might also be moisture on the spark plug, if this is the case you will need to dry the igniter plug. If the spark plug is producing an electrical spark, you will need to replace the igniter plug. It also might be that too much fuel has been absorbed, and you will have to lessen the fuel supply.

**Q: I am having difficulties restarting the machine after a sudden stop.**

**A:** The fuel may have run out or the carburetor is blocked. If this is the case you will need to re-fill the fuel tank or clean the carburetor. The fuel filter may be blocked and will therefore need to be cleaned. However, it could be due to there being too much carbon deposit in the igniter plug, if this is the case, you will have to remove the carbon deposit.

**Q: My hammer mechanism is stuck in the casing.**

**A:** To loosen the hammer mechanism to change it, simply twist the casing out of the fixing. If the casing becomes stuck, insert the metal bar into the holes on the casing and give it a tap. This should detach the casing from the main body without causing any damage.

For all other issues please contact our Customer Support department via the details on the Contact page.

# Contact Us

## Sales Department

For information regarding this device or other products from our Monster divisions please use the following details below.

Tel: 01347 878888

Email: [hello@monstershop.co.uk](mailto:hello@monstershop.co.uk)

## Support Department

For queries about this device, warranty, returns or reporting faults please use the following details below.

Tel: 01347 878887

Email: [help@monstershop.co.uk](mailto:help@monstershop.co.uk)

## Website

To view our product range and fantastic offers in the Monster Chef division please visit our website

[www.monstershop.co.uk](http://www.monstershop.co.uk)

## Address

To visit our office Monster House and view our products, send postal correspondence or return items our address is provided below.

Monster House, Alan Farnaby Way, Sheriff Hutton  
Industrial Estate, Sheriff Hutton, York YO60 6PG



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