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› DC HOUSE 52cc 1800W Gas Powered Earth Auger User Manual

## DC HOUSE D52-F

# DC HOUSE 52cc 1800W Gas Powered Earth Auger User Manual

Model: D52-F

## PRODUCT OVERVIEW

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The DC HOUSE 52cc 1800W Gas Powered Earth Auger is designed for efficient and powerful hole digging, suitable for various tasks such as installing fence posts, setting up mailboxes, constructing decks, and planting trees. This EPA-certified unit ensures both performance and environmental responsibility.



Figure 1: DC HOUSE 52cc 1800W Gas Powered Earth Auger with included accessories.

The product is typically shipped in two separate packages, with the second package arriving within 2-3 days of the first. This ensures all components are delivered safely.

# TWO PACKAGE SHIPPING

Another package will arrive 2-3 days later



Figure 2: Two-package shipping for the earth auger and its components.

The 52cc engine is EPA-certified, indicating compliance with environmental protection standards for reduced emissions and improved fuel efficiency.

# DRILL BITS SIZE (INCH)

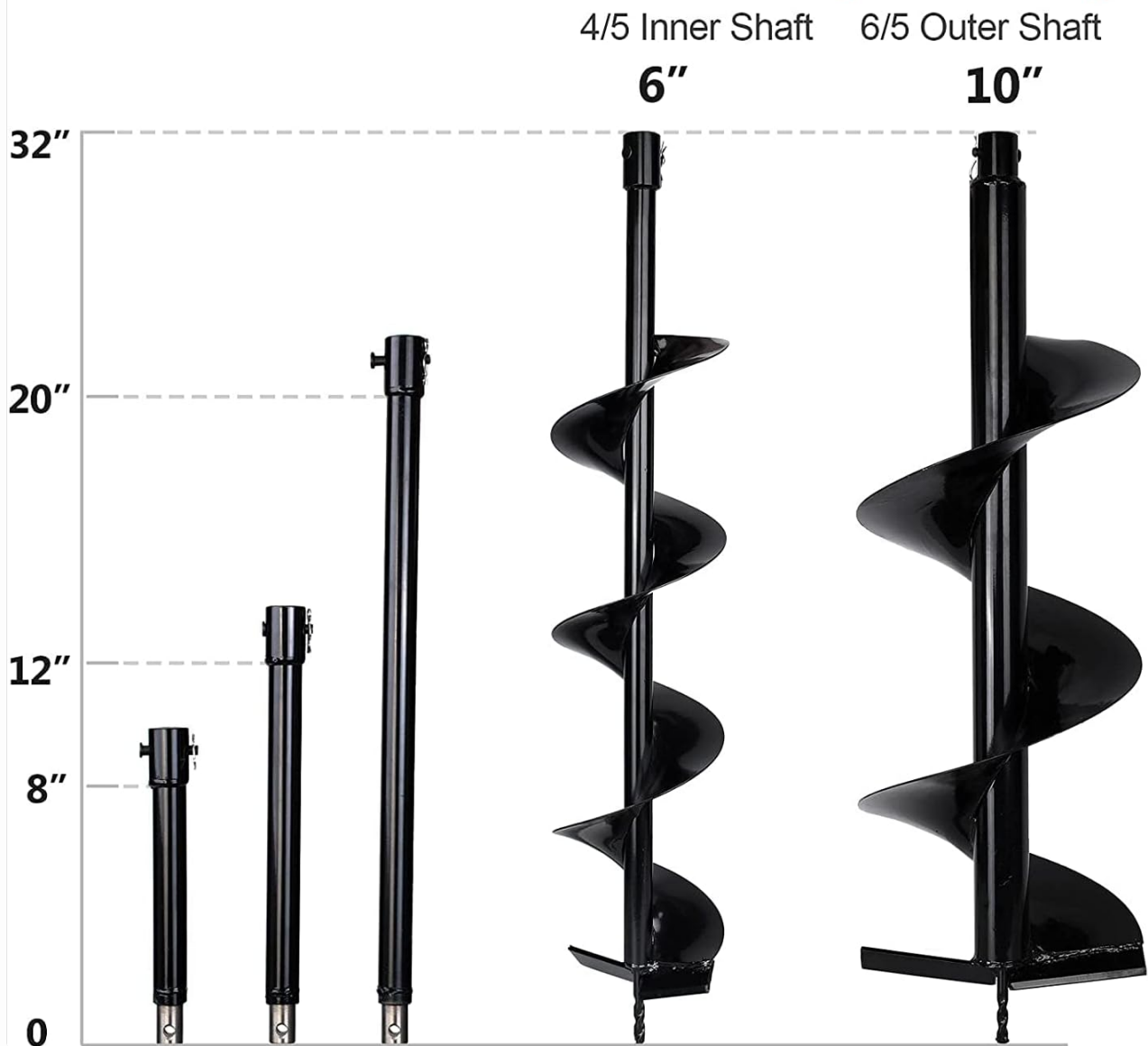


Figure 3: Benefits of EPA certification for the engine.

## SETUP AND ASSEMBLY

Before operating the earth auger, ensure all components are correctly assembled and secured. The unit is designed for straightforward assembly.

### Fuel Preparation

The engine requires a specific gasoline-oil mixture. Use a 2-cycle oil/gasoline mixing ratio of 1:30. Always use fresh, clean gasoline and high-quality 2-cycle engine oil.

### Starting Steps

Follow these steps for proper engine startup:

1. **Install the drill bit:** Securely attach the desired auger drill bit to the main unit.

2. **Fill the Fuel Tank:** Fill the fuel tank with the prepared gasoline-oil mixture at a ratio of 30:1. The tank capacity is 1.2 liters.
3. **Press the oil blisters:** Press the primer bulb 3-5 times until the primer hose is filled with gas.
4. **Switch to the "I" position:** Ensure the power switch is in the ON (I) position.
5. **Move the choke to the OFF position:** Set the choke lever to the OFF position for starting.
6. **Pull the starter rope gently:** Pull the starter rope 1-4 times until the engine pops (a brief ignition sound).
7. **Return choke to open:** After the engine pops, return the choke lever to the OPEN position.
8. **Pull the starter cord until the tiller starts:** Continue pulling the starter cord until the engine fully starts and runs smoothly.



**U.S. ENVIRONMENT PROTECTION AGENCY(EPA) CERTIFIED**

## **Why choose EPA certified?**

- **HARMLESS TO HUMAN BODY**
- **LOW-AIR POLLUTION**
- **AUTHORITY CERTIFICATION**



Figure 4: Detailed starting procedure for the earth auger.

# STARTING STEPS



Figure 5: The manual recoil easy start mechanism.

## OPERATING INSTRUCTIONS

The DC HOUSE Earth Auger is designed for comfortable and efficient operation, even for heavy-duty tasks. It can be handled by one or two people.

### Controls and Safety

The ergonomic butterfly handles provide a secure grip and easy access to controls. The emergency stop switch is conveniently located on the handle for quick shutdown.

- **Constant Speed Switch (1):** Engages a constant speed mode.
- **Start Switch (2):** Initiates engine operation.

- **Safety Button (3):** Must be pressed before engaging the start switch for safety.
- **Speed Adjustment (4):** Controls the auger's rotation speed.

**STRONG POWER**  
HIGHER TWISTING FORCE

**1800W**



Figure 6: Overview of the control handle and its functions.

### Digging Procedure

When digging, allow the auger to penetrate the soil gradually. For optimal performance and to prevent kickback, especially in challenging soil or terrain conditions, it is recommended to shave the dirt slowly. The powerful 1800W engine provides higher twisting force for effective digging.

# EASY TO START

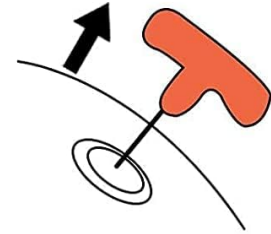


Figure 7: The auger's strong power in action, demonstrating its digging capability.

The maximum depth using a single bit is 2.6 feet. Included extension rods allow for deeper digging as needed. The auger bits (6" and 10") have a 3/4" standard shaft size.

# PRODUCT SIZE (INCH)

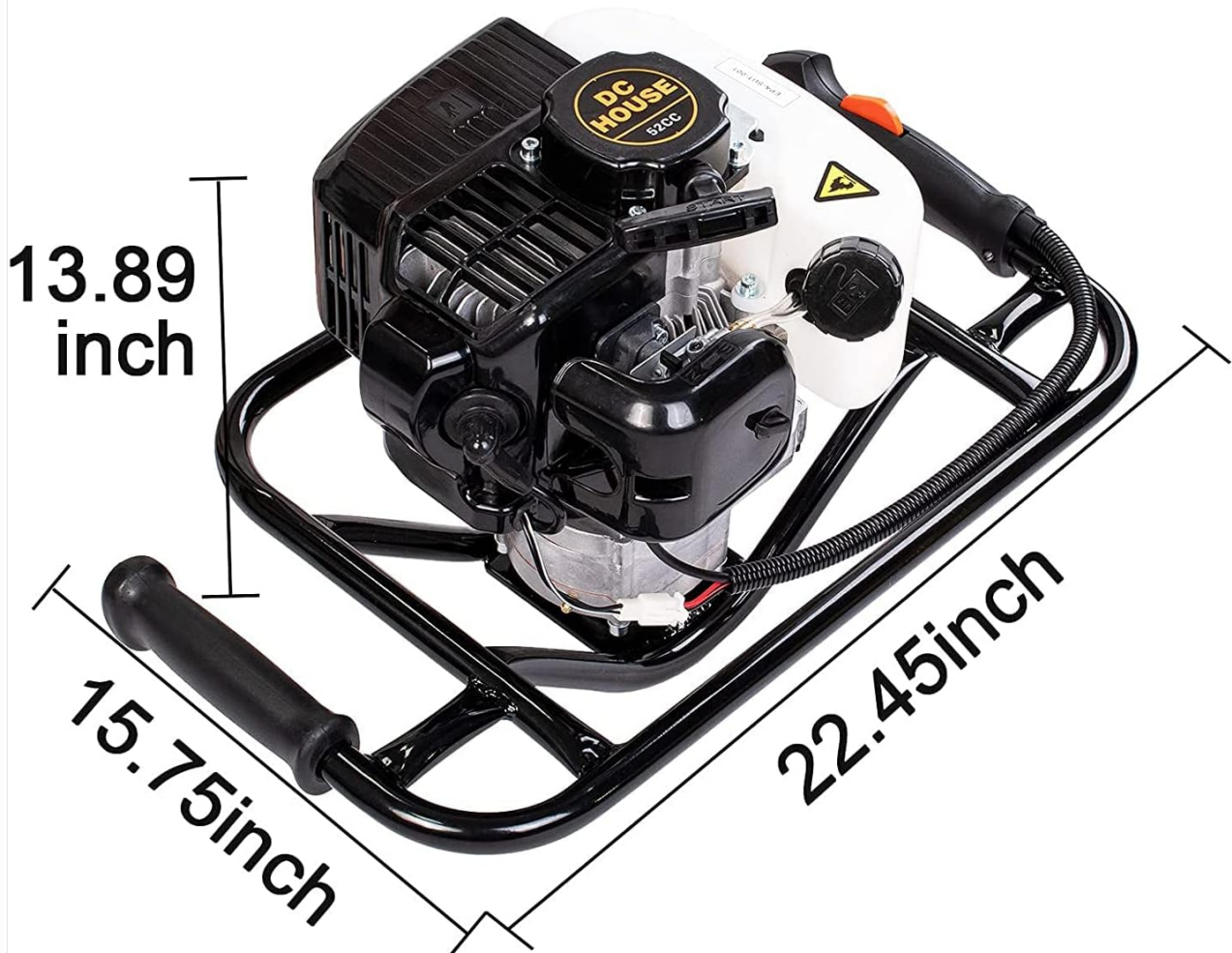


Figure 8: Available drill bit and extension rod sizes.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your DC HOUSE Earth Auger.

- **Engine Care:** Regularly check and clean the air filter. Ensure the spark plug is clean and properly gapped. Replace as needed.
- **Fuel System:** After each use, especially before long storage periods, drain any remaining fuel from the tank and carburetor to prevent fuel degradation and clogging.
- **Auger Bits:** Inspect auger bits for wear or damage. Clean off any accumulated dirt or debris after each use. Sharpen or replace bits as necessary to maintain digging efficiency.
- **General Cleaning:** Keep the main unit clean from dirt, mud, and debris. Wipe down the exterior with a damp cloth.
- **Fasteners:** Periodically check all bolts and nuts for tightness, especially after the first 30 minutes of operation and before each subsequent use. Tighten any loose fasteners.
- **Storage:** Store the auger in a dry, clean place, away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

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This section provides general guidance for common issues. For persistent problems, contact customer support.

- **Engine Not Starting:**

- Check fuel level and ensure correct fuel-oil mixture.
- Verify the power switch is in the ON position.
- Ensure the choke is set correctly for starting (OFF position initially, then OPEN).
- Inspect the spark plug for fouling or damage. Clean or replace if necessary.

- **Loss of Power During Operation:**

- Check for sufficient fuel.
- Clean or replace the air filter if it's clogged.
- Ensure the auger bit is not excessively worn or damaged.

- **Excessive Vibration:**

- Check that the auger bit is securely attached and not bent.
- Inspect for any loose components or fasteners.

## SPECIFICATIONS

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Feature	Specification
Manufacturer	DC HOUSE
Part Number	ED52610
Item Weight	21.4 pounds
Product Dimensions	42.1 x 10.8 x 20.65 inches
Item Model Number	D52-F
Size	52cc+2 bit(6"10")+3 Ext(8"12"20")
Style	52CC+6"+10"+Ext
Material	Aluminum
Item Package Quantity	1
Certification	EPA

Feature	Specification
Included Components	Spark Plug, Oil Mixing Bottle, 6" Auger, 10" Auger, Tool Kit, Extension Rods
Engine Type	Single Cylinder, 2-stroke, air-cooled
Power	1.8KW/8000rpm (1800W)
2 Cycle Oil/Gasoline Mixing Ratio	1:30 (as per image instruction)
Tank Capacity	1.2L
Maximum Digging Depth (without extension)	2.6 feet (approx. 31.5 inches / 80 cm)
Maximum Digging Depth (with extension)	51.5 inches / 130 cm

## USE MORE SECURE EASILY



- ① Constant speed switch    ② Start switch    ③ Safety button    ④ Speed adjustment



Turn on the switch



Press the safety switch



Adjust the speed



Constant speed operation, free hand

Figure 9: Product dimensions.

## WARRANTY AND SUPPORT

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For any questions regarding product operation, maintenance, or troubleshooting, please contact the manufacturer, DC HOUSE, or the seller, FISTERS-US. Refer to your purchase documentation for specific warranty terms and contact information.

You can also visit the official DC HOUSE store on Amazon for more information and support:[DC HOUSE Store](#)