



## 80mm 100mm Portable Diesel Fire Pump 173F Fire Fighting Water Pump

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: GET
- Certification: ISO CE
- Price: Negotiable
- Delivery Time: 15-20 workdays
- Payment Terms: LC, T/T, PayPal, Western Union, Small-amount payment, Money Gram



### Product Specification

- Type: Portable Diesel Fire Pump
- Suction/discharger Port Diameter Mm(inch): 50(2'). 80(3'). 100(4'). 150(6')
- Discharge Capacity m³/h: 30 40 110 150
- Total Head Lift: 25m 26m 22m 20m
- Self-priming Time (s/4m): 80 120 180 180
- Max Suction Head: 8m 8m 8m 6m
- Rotation Speed (r/min): 3600
- Noise Level Db(A)/7m: 85
- Overall Dimension(mm): 510x455x640. 560x455x655. 650x470x700. 770x574x785
- Dry Weight: 44kg 50kg 71kg 95kg
- Engine Model: GET173F GET178F GET186FA GET192F
- Rated Power: 2.8kw 4kw 6.3kw 8.5kw
- Fuel Consumption G/kw.h: 288 285 281 281
- Displacement (cm³): 247 300 410 400

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## Product Description

### High Efficiency Portable Fire Pump Diesel Engine Portable Diesel Fire Pump

A portable diesel fire pump is a specialized firefighting equipment designed to provide a reliable and efficient water supply in areas where a permanent water source is not readily available or during emergency situations. It is commonly used by firefighters, emergency response teams, and in industrial settings to combat fires effectively.

Here is a description of a typical portable diesel fire pump:

Type:	Portable Diesel Fire Pump
Discharge Capacity(m³/h):	30 40 110 150
Self-priming Time (s/4m):	80 120 180 180
Fuel Consumption G/kw.h:	288 285 281 281
Starter System:	Recoil Starter
Suction/discharger Port Diameter Mm(inch):	50(2'). 80(3'). 100(4'). 150(6')
Total Head Lift:	25m 26m 22m 20m
Max Suction Head:	8m 8m 8m 6m
Noise Level Db(A)/7m):	85
Dry Weight:	44kg 50kg 71kg 95kg
Rated Power:	2.8kw 4kw 6.3kw 8.5kw
Displacement (cm³):	247 296 418 498
Fuel Tank Capacity:	13.5L
Rotation Speed (r/min):	3600
Overall Dimension(mm):	510x455x640. 560x455x655. 650x470x700. 770x574x785
Engine Model:	GET173F GET178F GET186FA GET192F

**Diesel Engine:** The fire pump is powered by a diesel engine, which provides the necessary energy to drive the water pump. Diesel engines are preferred for their durability, reliability, and ability to operate for extended periods without refueling.

**Water Pump:** The pump is specifically designed to move large volumes of water at high pressure. It is typically a centrifugal pump, which uses an impeller to create a vacuum that draws water into the pump and then forcefully expels it through the discharge outlet.

**Portable Design:** The fire pump is built to be easily transported and set up at different locations. It often comes with a sturdy frame or skid, allowing for convenient handling and mobility. Some models may also have wheels or handles for easier maneuverability.

**Suction and Discharge Ports:** The pump has dedicated ports for water intake (suction) and water discharge. These ports are usually equipped with quick-connect fittings or standard thread sizes to facilitate the connection of hoses and other firefighting equipment.

**Control Panel:** A control panel is typically mounted on the pump for easy operation and monitoring. It may include controls for starting, stopping, and adjusting the engine speed, as well as gauges or indicators to monitor water pressure, engine temperature, and fuel levels.

**Fuel Tank:** The fire pump incorporates a fuel tank to store diesel fuel for the engine. The tank capacity varies depending on the specific model, but it is designed to provide sufficient fuel for extended operation without frequent refills.

**Safety Features:** Portable diesel fire pumps often include safety features to ensure reliable and safe operation. These may include low oil pressure shutdown, high-temperature shutdown, and automatic engine shut-off in case of emergencies.

**Performance Specifications:** The performance of a portable diesel fire pump is typically described by its flow rate and pressure capabilities. It can deliver a high volume of water, usually measured in gallons per minute (GPM), at a specific pressure, often measured in pounds per square inch (PSI), to effectively extinguish fires.

Portable diesel fire pumps are versatile and can be used in various firefighting scenarios, including rural areas, construction sites, remote locations, or any situation where a temporary water supply is required to fight fires effectively.





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