

# Diesel Powered 3-Inch Water Pump

This diesel-powered water pump is a self-priming centrifugal model. It features a 3-inch suction port and a discharge capacity of 500 l/min.



## Overview

### Robust Diesel Water Transfer

The 3-Inch Diesel Powered Water Pump is a heavy-duty solution engineered for high-volume water transfer in agricultural and industrial settings. Featuring a durable cast iron volute and impeller, this unit is built to withstand demanding environments while providing consistent, reliable performance. Its self-priming capability ensures quick startup, and the efficient diesel engine delivers long run times for irrigation, drainage, and general water management tasks.

## Engine Specifications

|                   |               |
|-------------------|---------------|
| Engine Type       | GX178F Diesel |
| Displacement      | 296 cc        |
| Compression Ratio | 19:1          |

## Performance Metrics

### Key Performance Metrics

|  |                                |                               |
|--|--------------------------------|-------------------------------|
| <b>500 l/min</b><br>Discharge Capacity | <b>13 m</b><br>Total Head Lift | <b>37 psi</b><br>Max Pressure |
|--|--------------------------------|-------------------------------|

## Pump Construction

|                        |  |
|------------------------|--|
| Pump Type              | Centrifugal, Self-priming                                  |
| Construction Materials | Cast Iron Volute, Cast Iron Impeller, Silicon Carbide Seal |

## Physical Dimensions

### Dimensions & Weight

| Attribute          | Value              |
|--------------------|--------------------|
| Dimensions (LxWxH) | 570 x 445 x 550 mm |
| Dry Weight         | 47 kg              |
| Gross Weight       | 49 kg              |

## Logistics

### Container Load Capacity

- 20' Container: 224 units
- 40' Container: 625 units