

# 1 HP Self-Priming Water Pump

This self-priming pump is suitable for land irrigation, mine water drainage and flood control. It has a compact construction, tight sealing, and is energy efficient.



## ADDITIONAL IMAGES



## Overview



Compact and robust design optimized for reliable operation.

### Professional Grade Self-Priming Water Pump

This XC series self-priming pump is an industry-standard solution designed for efficient water transfer in irrigation, drainage, and flood control applications. Engineered for compactness and durability, it features high sealing quality and energy-efficient performance. It is perfectly suited for extraction from wells, rivers, and lakes, ensuring reliable service in both agricultural and residential settings.

## Technical Specifications

### Construction Materials

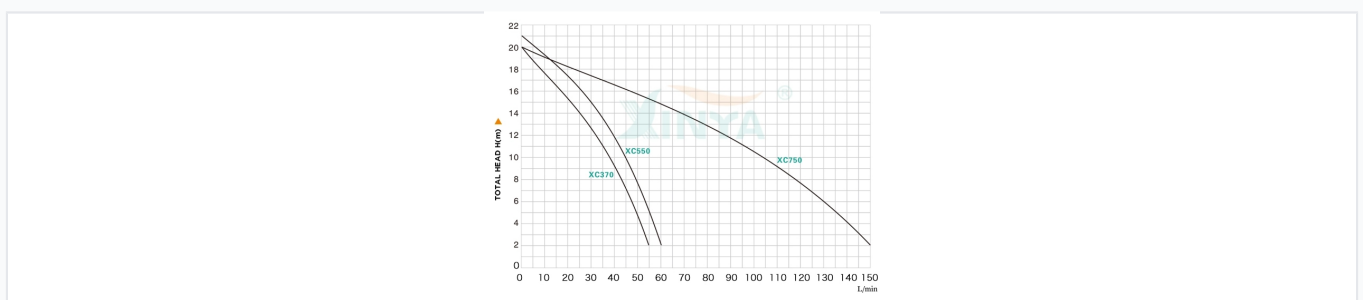
Component	Material
Pump Body	Aluminum
Impeller	Aluminum

### Protection Rating

IP43

Power Output	750 W
Horsepower	1 HP
Operating Voltage	220V/50HZ, 110V/60HZ

## Performance Metrics



Efficiency and performance curves for accurate system sizing.

### Key Performance Metrics

**150 L/min**  
Max Flow Rate

**22 m**  
Max Head

**8 bar**  
Max Pressure

## Operational Limits

### Temperature Thresholds

- Max fluid temperature: 35
- Max environment temperature: 35

## Applications

### Common Use Cases

Arable land irrigation, Mine water drainage, Flood control, Residential water supply, Greenhouse watering, Pipe pressurization