

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

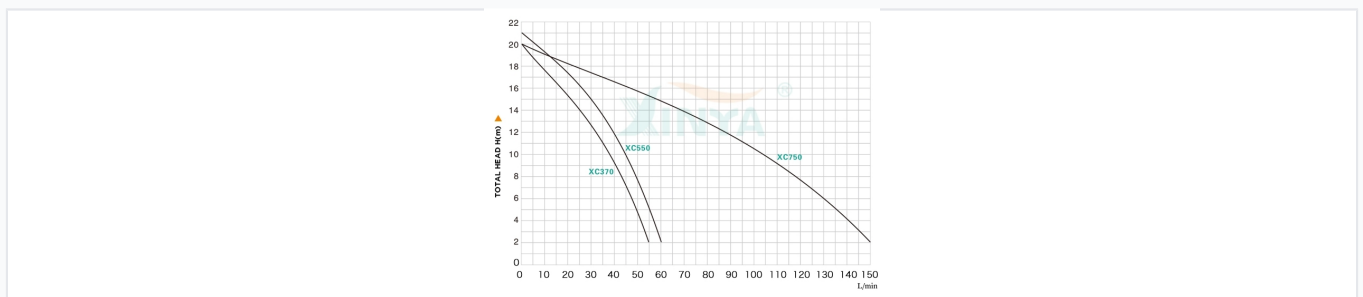
Component	Material
Pump Body	Aluminum
Impeller	Aluminum

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