

# Marine Horizontal Solids-Handling Pump

This marine horizontal pump is designed for reliable fluid transfer in demanding applications. Its robust construction and high-quality materials ensure durability and corrosion resistance for extended service life in marine environments.



## Product Overview

### Marine Horizontal Solids-Handling Pump

The CWF series is a robust horizontal centrifugal pump featuring an open impeller design, specifically engineered for pulverizing and transferring soft foul matter in sanitary sewage systems. Capable of operating at temperatures up to 85 degrees Celsius, it effectively handles materials such as food scraps, sludge, and dirt dregs. With a maximum solid particle diameter of 5 mm, this pump provides reliable performance for wastewater management and fluid transfer in demanding marine environments.

## Technical Specifications

Rotation Direction	Clockwise (viewed from pump inlet)
Maximum Operating Temperature	85 °C
Max Solid Particle Diameter	5 mm
Power Supply	380V, 3-Phase, 50Hz

## Performance Data

### Main Technical Parameters (50Hz, 380V)

Model	Motor Power (kW)	Capacity (m <sup>3</sup> /h)	Head (m)	Speed (r/min)
0.5 CWF-10	0.5	5	10	2900
0.5 CWF-15	0.5	5	15	2900
0.5 CWF-20	0.5	5	20	2900
0.5 CWF-25	0.5	5	25	2900
0.5 CWF-30	0.5	5	30	2900
1 CWF-10	1	10	10	2900
1 CWF-15	1	10	15	2900
1 CWF-20	1	10	20	2900
1 CWF-25	1	10	25	2900
1 CWF-30	1	10	30	2900

## Applications

### Suitable Applications

- Sanitary sewage transfer
- Food waste pulverization
- Sludge and dejecta handling
- Heavy oil coagulation pulverization
- General marine fluid transfer