

# Vactor® Jet Rodder®



## Single Piston Water Pump

The dual action, single piston Vactor Jet Rodder water pump is available with up to 3000 PSI. This is the *only* pump designed *exclusively* for sewer cleaning. The Vactor Jet Rodder features smooth continuous flows for general cleaning and root cutting. The available “Jackhammer” action tackles obstructions and speeds through hill climb operations.



### HOW THE JET RODDER WATER PUMP WORKS:

- The single piston dual acting water pump is designed to be driven hydraulically, and contains only 1 internal moving part.
- The pump’s simple design has a hydraulic cylinder on one side of a sealed center block and a water cylinder on the other side. A single shaft with specially constructed piston heads is slowly driven back and forth.
- The pump is constantly loading and expelling hydraulic oil and is constantly loading and expelling water.
- The Jet Rodder pump comes with an unconditional 30 minute run-dry certification.

### A SINGLE PUMP ACCOMMODATES THE FOLLOWING FLOWS AND PRESSURES:

Flow and Pressure				Hose Size	
gpm @ psi	lpm @ bar			inches	mm
30	3000	113	207	3/4" or 1"	19 or 25.4
40	2500	151	172	3/4" or 1"	19 or 25.4
50	3000	189	207	3/4" or 1"	19 or 25.4
60	2000	227	138	1"	25.4
60	2500	227	172	1"	25.4
70	3000	265	207	1"	25.4
80	2000	303	138	1"	25.4
80	2500	303	172	1"	25.4
100	2000	379	138	1" or 1-1/4"	25.4 or 31.75

#### Jackhammer Action

Helps to further break up debris caked on pipe walls and provides additional cleaning power to break through obstructions in the line. The piston shift changes in the direction naturally causes a surge in the thrust that acts like a jack hammer to obstructions.

#### Low Maintenance

A slow stroke design reduces friction, providing longer field life with less maintenance than other pumps. Because of the hydraulic drive, there are no belts to adjust or maintain and only 1 moving part. The lubrication and cooling is not dependent on water.

