



# Combination Jet/Vac System

A PRODUCT OF HI-VAC® CORPORATION

Aquatech model B-10/1450, technical specifications

## **Debris tank**

- 10 yds. of capacity
- 56,000# double acting dump hoist
- Rear splash plate bumper
- Top hinged hydraulic open/close rear door
- Four individual hydraulic cylinder door locks
- Two debris level sight eyes located in rear door
- Stainless steel/rubber boot ball check valve
- Pivoting tank support prop, rear door safety prop
- 6" rear drain valve with 15' x 6" drain hose
- Debris tank flush out system

## **Water tank system**

- 3/8" thick polyethylene UV stabilized/galvanized bulkhead
- Water tank capacity of 1450 gallons
- Curb side fill
- Anti-siphon air gap system
- Self-cleaning tank design with 2.5" quick drain

## **Water pump system**

- 80 GPM @ 2000 PSI high pressure water pump
- Water filter at pump inlet
- Kevlar poly chain drive system
- Multi flow water system

## **Air vac system**

- PD vacuum system 5000 CFM's and 18" Hg
- Kevlar reinforced poly chain drive
- Powered by HD horizontal transfer case
- Stainless steel micro screen filter
- Vacuum relief valves

## **Boom assembly**

- Top loading boom design
- One piece HD rubber debris hose
- Slewing gear power with 360 degree rotation
- Double acting dual hydraulic extension system 19' over all reach
- Hydraulic power up/down/right/left
- Rear boom storage
- Boom mounted internal air vac valve
- Boom clean out port

## **Hose reel assembly**

- Rear mounted hose reel assembly
- 800' X 1" hose capacity
- Hydraulically articulated 180 degree street to curb rotation
- Sewer hose 1" x 400' 2500 PSI
- 20' leader hose

## **Operating controls, gauges, instruments**

- 6 position Joystick boom control mounted in rear control station
- 4 position joystick hose reel control mounted in rear control station
- Hydraulic control to dump tank open close door at side station
- Engine throttle, vacuum pressure gauge
- Chassis tachometer
- Vacuum gauge
- Hose reel speed control
- Water pressure gauge
- Electronic engine throttle control
- Low water warning alarm
- Wireless remote system
- Boom un-stowed alarm system
- Back up alarm

## **Also includes the following optional equipment**

- Fenders & mud flaps
- Rear tow hooks
- One flexible hose guide (tiger tail) with storage
- One 8" X 6' intake tube with clamp and gasket
- One 6' X 8" extension tube with clamp and gasket
- Two tube holder front bumpers
- One 15 degree nozzle
- One 30 degree nozzle
- Dual split screen monitor reversing camera system

## **Lights**

- LED style D.O.T. lighting

## **Warranty**

- Water tank system lifetime warranty
- Debris tank lifetime warranty
- Poly chains lifetime warranty
- Drive system 5 year warranty

## **Mounted on**

- 2021 or newer Freightliner chassis
- Cab white/black frame