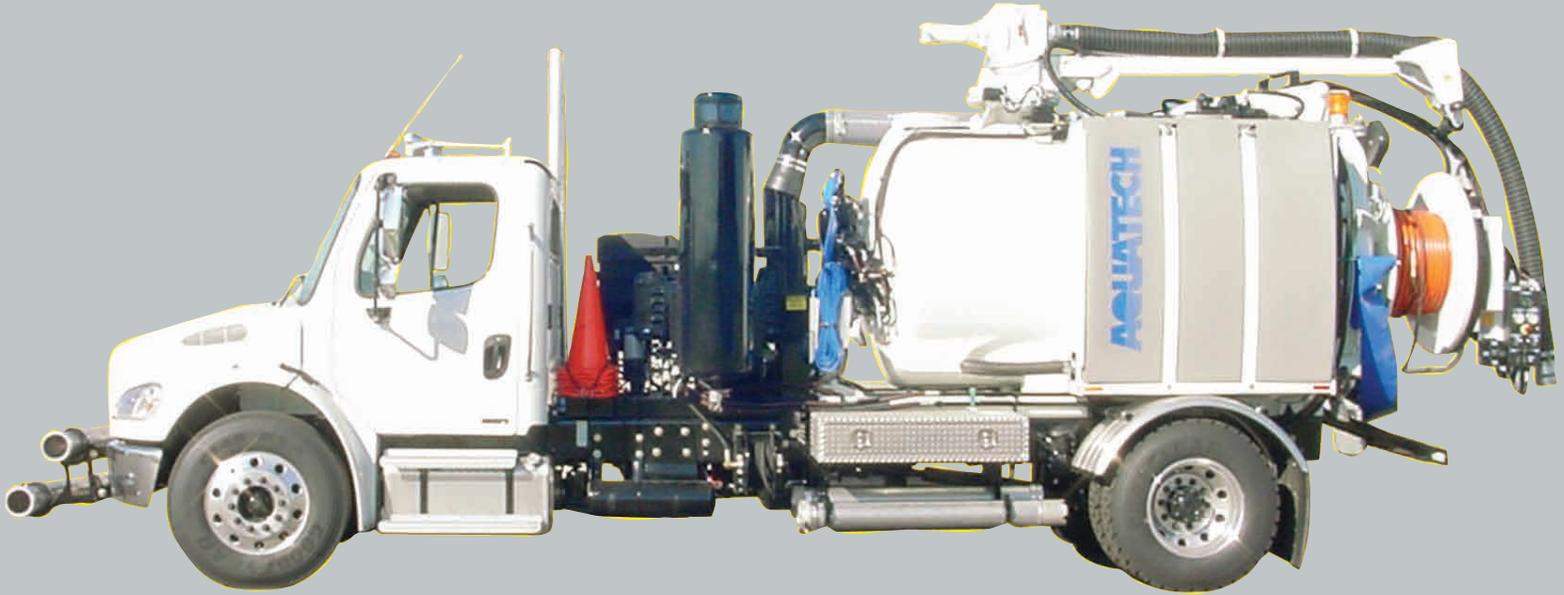




We Know Clean™

# B6SERIES

## COMBINATION CLEANING/VACUUMING MACHINES



The B6 Combination Cleaners are designed to give unsurpassed performance in catch basins, storm sewers, lift stations and treatment plants in municipal and industrial applications.

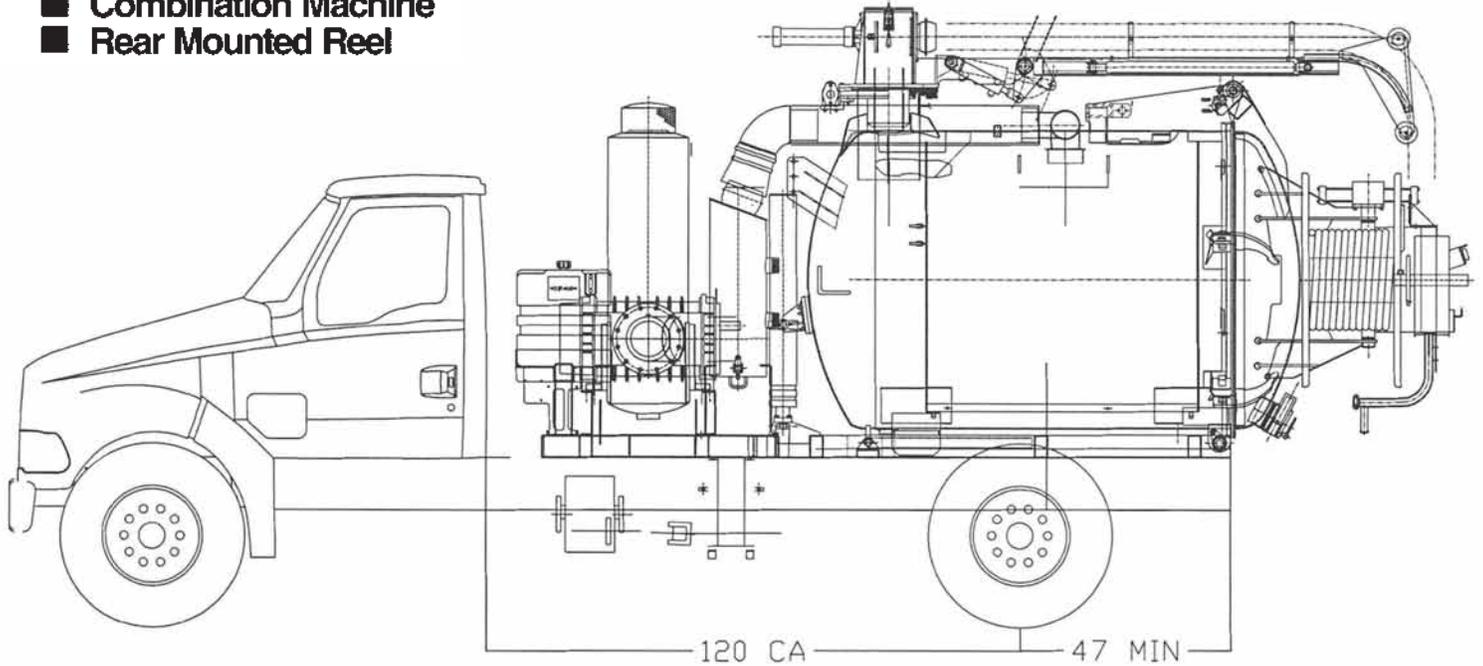


SOME FEATURES SHOWN MAY BE OPTIONAL.

### STATE-OF-THE-ART FEATURES

- **SINGLE ENGINE DRIVE**  
Dramatically decreases fuel consumption, maintenance expenses, sound levels, weight on chassis and initial purchase price. Chassis engine powers all systems.
- **DRIVE SPLIT SHAFT**  
PTO Polychain.
- **REAR MOUNTED HOSE REEL**  
The 180° articulating rear reel facilitates placement of unit regardless of manhole location. The rear location assures unobstructed vision for the driver, allows maximum air flow to the chassis engine and provides the quietest workstation in the industry.
- **FULL POWER, 270° ROTATING BOOM**  
The top loading boom is self-cleaning, powers up/down and extends to 14.5 feet. Top mounting produces even load distribution.
- **VACUUM HOSE**  
The heavy-duty, wire-reinforced rubber, 6" hose is designed to prevent wear and clogging. Vacuums up bottles, cans and bricks over 150 feet in depth.
- **CYLINDRICAL DEBRIS TANK**  
High-strength steel is corrosion and abrasion-resistant. Has more usable space for larger loads than any other design. Capacities of 6 cu. yds.
- **LIGHTWEIGHT WATER TANKS**  
Fully baffled 3/8" thick, W.V. stabilized, non-corrosive polyethylene saddle tanks. Capacity 500 gallons.
- **TRIPLEX RECIPROCATING WATER PUMP**  
35-45 GPM capacity, continuous flow triplex reciprocating water pump is rated at 0-2000 PSI and is designed to operate dry.
- **INTERNAL BOOM VALVE**  
Increases air velocity, builds instantaneous vacuum to 204" of negative water pressure for picking up materials above and below water.
- **VACUUM CUT-OFF SYSTEM**  
Fail safe protection prevents materials from entering positive displacement exhauster and passing into the atmosphere.
- **LOWEST CENTER OF GRAVITY**  
Makes full loads more stable during transport.
- **PNEUMATIC FOOT CONTROL**  
Permits one-man operation of hose reel payout/retrieve, and allows operator to work any distance from unit.

- Combination Machine
- Rear Mounted Reel



Consult factory for specifications and chassis requirements. Dimensions may vary with chassis selection. For cab over chassis please contact our Engineering Department. Cab over chassis may create large space behind cab.

## GENERAL DESCRIPTION

### AIR/VAC SYSTEM

Positive displacement exhauster  
2100 CFM (3568m<sup>3</sup>/hr) operating capacity  
204" (5182mm) water column  
Belt drive  
Muffler Drive  
Protected by micro-filter/centrifugal separator  
Vacuum relief valves

### DEBRIS TANK

Cylindrical design  
6 cu. yd. (4.6m<sup>3</sup>) capacity  
Hydraulic power up/down double acting cylinder  
45° dumping angle  
Self aligning closure seal  
Top-hinged full opening rear door  
Two 5" (127 mm) liquid level sight eyes  
Debris deflector plate  
Double strainer for rear door  
Rear door security prop  
Four mechanical rear door locks  
Rear door power up/down cylinder  
Stainless steel ball check valve  
6" (152 mm) quick opening rear door valve  
6" (152 mm) x 15' (4.42 m) discharge hose

### BOOM ASSEMBLY

Top mounted  
270° hydraulic rotation  
Portable pendant, controls all functions  
Internal boom valve  
6" (152 mm) extra heavy duty rubber intake hose  
Extends to 14.5' (4.42 m) from base  
Power up/down  
Rear storage location

### WATER SYSTEM

Triplex reciprocating  
35-45 GPM (137-174 lit.) capacity  
0-2000 psi (138 bar)  
PolyChain drive  
Water flow control valve  
Water pressure gauge  
Pressure relief valve  
Air valve on pump for cold weather operation  
Wash down gun connection  
Wash down gun with 35' (10.7 m) of  
1/2" (12.7 mm) hose  
800 PSI (55 bar) relief valve

### WATER TANK

500 gal. (1893 lit.) usable capacity  
3/8" (9.52 mm) UV stabilized polyethylene  
Saddle tanks independent of debris tank  
Full baffled  
Anti-syphon air gap protection  
Curb side full  
2 liquid level indicators  
Removable inspection covers  
Limited lifetime warranty

### HOSE REEL

Rear mounted  
180° hydraulic articulation  
Automatic positioning lock  
400' (122 m) of 3/4" (25.4 mm), 2500 PSI hose  
(172 bar) hose  
650' (198 m) of 3/4" (25.4 mm) hose capacity  
Reel speed control valve  
Hose level wind  
Hydraulic drive  
Pneumatic foot control valve  
Automatic positioning lock  
Engine throttle  
Vacuum/pressure gauge  
Tachometer

### POWER TAKE-OFF

Split shaft transfer case  
Pneumatic shifting

### ACCESSORIES, STANDARD

Hinged tank support prop  
6" x 8" (203 mm x 2.4 m) aluminum extension tube  
6" x 6" (203 mm x 1.8 m) aluminum intake tube  
Two operation, parts and service manuals  
(units only)  
15" nozzle  
35" nozzle  
Manhole hose guide  
Painted one color, acrylic enamel  
Touch-up paint  
Two side tool boxes  
Tube storage carriers on front bumper  
Aluminum fenders  
Mud flaps

Refer to your Aquatech Accessory Manual  
for complete selection

Specifications are subject to change without  
notice.

Some photographs may show equipment  
that is optional.

All ratings are calculated at sea level.  
Patents applied for.

### VACUUM/DEBRIS TANK OPTIONS

Hydraulic rear door locks  
Water pump-off system  
Internal flush-out system  
6" (152 mm) rear door drain valve with double strainer  
Waster-water recyc ling  
Fluidizer for underwater suction  
Stainless steel tank  
Tank vibrator

### WATER SYSTEM OPTIONS

Cold weather recirculation  
Rubber leader hose  
Pressure: 0-3000 PSI (207 bar)  
Hose 3/4" (19 mm)  
Counter on level wind  
1/2" (12.7 mm) hose reel  
Pulsation dampener

### OTHER OPTIONS

Front mounted hose reel  
Power tilt for front mounted hose reel  
Counter for level wind  
800' (244 m) hose reel capacity  
Street flushers  
Debris and water tank interconnect  
Deluxe tube storage racks  
Power deck shroud  
Body arrow light board

A FAMILY COMPANY SINCE 1967



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