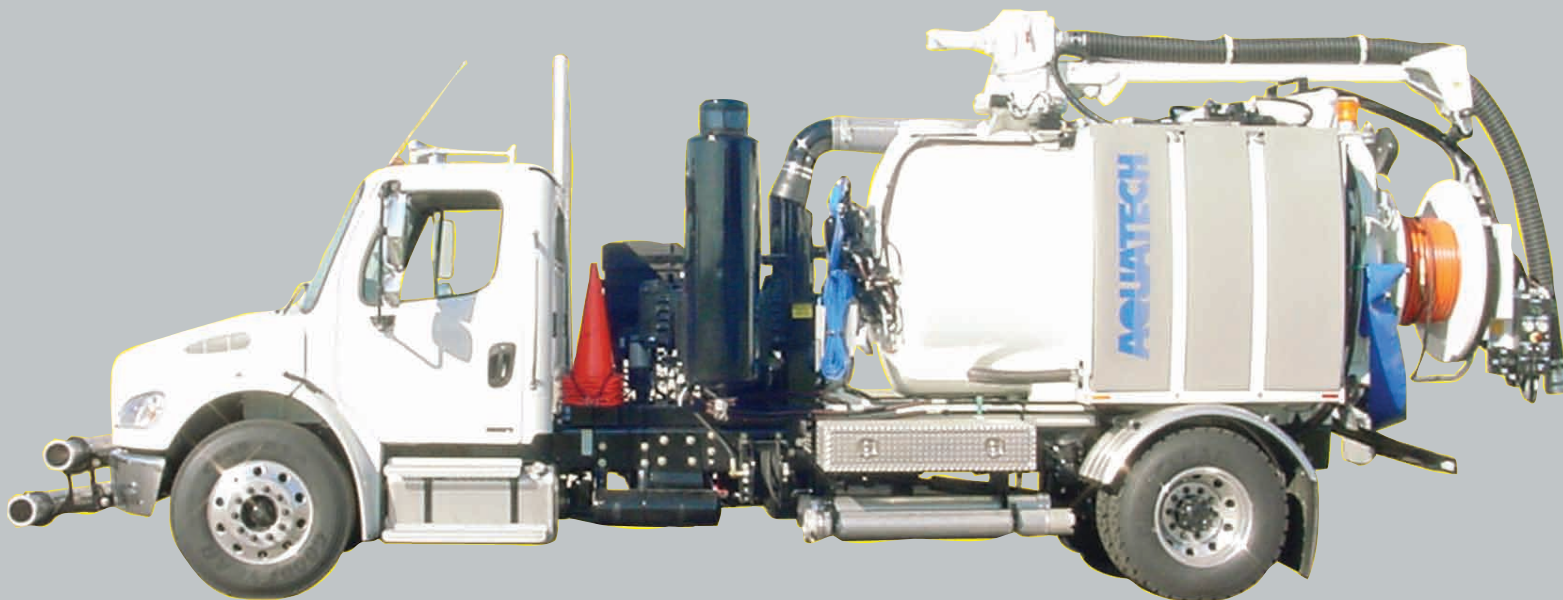


B6SERIES

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.

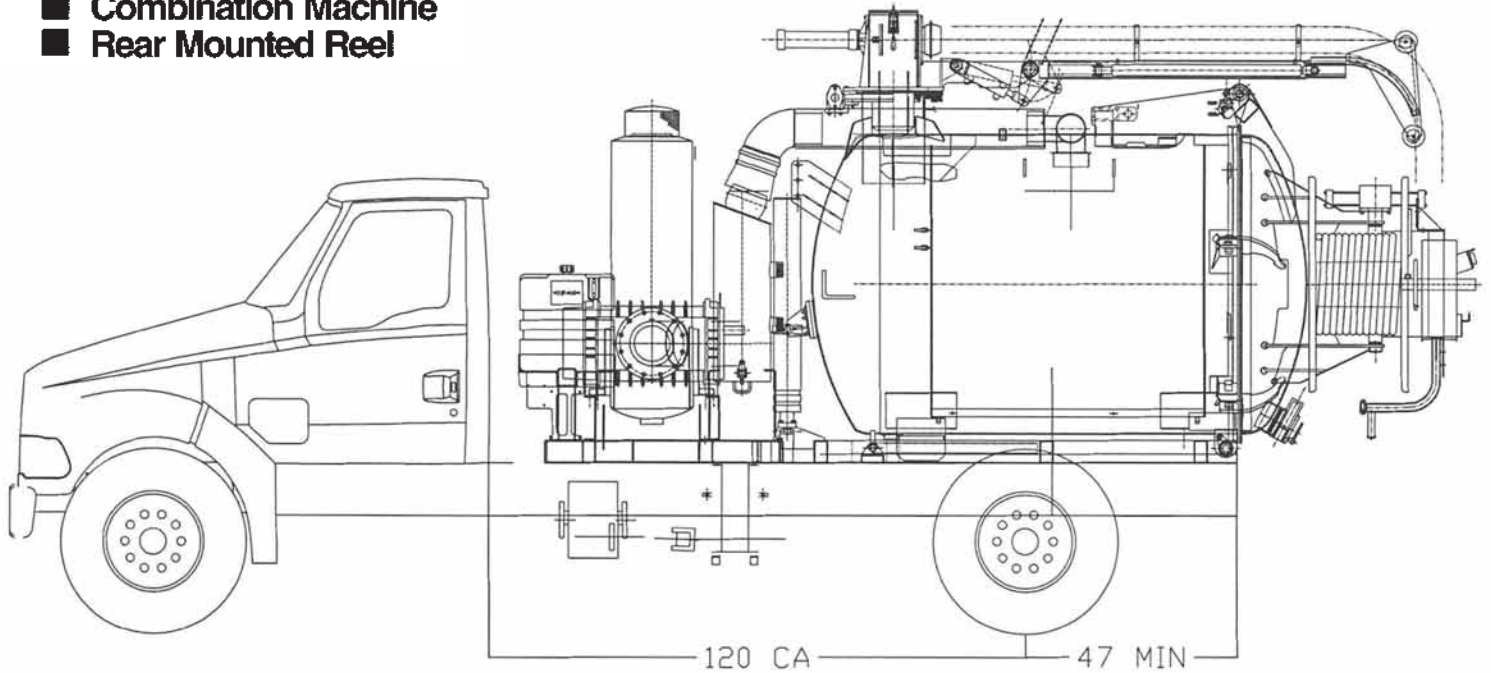
SOME FEATURES SHOWN MAY BE OPTIONAL.

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.

DISTRIBUTED BY:

- 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 (3568m³/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. (4.6m³) 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 (172 bar) hose
650' (198 m) of 1/2" (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

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

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.



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