

# CUSCO™



## VACUUM TRUCKS



WARNING

 **CUSCO**



# THE CUSCO ADVANTAGE

Since 1969, Cusco Fabricators, Inc. has been manufacturing mobile vacuum equipment for industrial, commercial and environmental applications. Our products are designed to pick up and transfer anything from sludge, slurries or mud, to gravel and just about any other type of solid waste. As a custom manufacturer, Cusco provides solutions that meet specific business needs – whether it's environmental remediation work or transportation of hazardous liquid waste, Cusco offers a product that's ideal for the job.

Cusco tanks and pressure vessels are built to the most stringent requirements and specifications. In fact, our quality control program has been approved by ASME, The National Board (NBPTS), US-DOT, and Transport Canada, as well as the Jurisdiction of Ontario and Authorized Inspection Agency in Ontario (TSSA). Cusco is certified to manufacture vacuum loading equipment for the transportation of hazardous waste – an honor bestowed on just a handful of companies.

Cusco products are sold through a vast sales and distribution network, and are shipped all across the globe. Our continued commitment to top quality products, leading-edge technology, lower service costs, and unparalleled customer satisfaction has earned us an impeccable reputation. Cusco has been a proud leader in the liquid waste industry for over 40 years, and we're devoted to being one of the world's most reliable manufacturers of custom fabricated mobile vacuum equipment for many years to come.



# MASTERVAC SERIES



The Mastervac Series of vacuum trucks is Cusco's best-in-class industrial product line – it's the only series capable of handling both wet and dry materials. The Mastervac Series is the optimal choice for working with hazardous and non-hazardous applications – anything from heavy sludge to fly ash. Equipped with cyclone/baghouse filtration technologies, airflow ratings of 2,500 to 6,500 CFM, and 28" Hg of pulling power, Cusco's Mastervac is packed with exceptional features to handle the toughest jobs in every type of work environment.

## Standard Features

- ▶ Rear door valves
- ▶ Sand pipe to carry solids to the front of the tank
- ▶ Internal shut-off to prevent fluids from entering the vacuum pump
- ▶ Rotary float gauge
- ▶ Isolation valves
- ▶ Hydraulic vibrator
- ▶ Tank pressure relief valve
- ▶ Cyclone assembly
- ▶ System pressure relief valve
- ▶ Bag house filtration
- ▶ Vacuum relief valve
- ▶ Hydraulic control valve
- ▶ Roots/Hibon blowers
- ▶ Air cooled vacuum pumps
- ▶ Exterior moisture trap
- ▶ Exterior filter and float ball
- ▶ Oil trap muffler
- ▶ Master control panel
- ▶ Air cannon

## Available Options

- ▶ High-pressure wash system
- ▶ Stainless steel tank construction
- ▶ Hydraulic suction boom
- ▶ Hepa filtration systems
- ▶ Heated valves
- ▶ Pressure unloading systems
- ▶ Storage cabinets and toolboxes
- ▶ DOT 407/412 and TC 407/412 configurations

# MASTERVAC SERIES SPECIFICATIONS

<b>NOISE LEVEL (9 FT. DISTANCE)</b>	95 DBA
<b>MAXIMUM CFM</b>	5300
<b>MAXIMUM VACUUM</b>	27 HG
<b>CFM @ 15"</b>	4141
<b>CAPACITY CUBIC YARDS</b>	15*
<b>REQUIRED CA</b>	210
<b>REQUIRED FRONT AXLE</b>	20,000 lb.
<b>REQUIRED REAR AXLE</b>	46,000 lb.
<b>HORSEPOWER</b>	425
<b>TANK MATERIAL</b>	<ul style="list-style-type: none"> <li>• Head: 0.3125" SA516-70</li> <li>• Shell: 0.3125" SA516-70</li> <li>• Diameter: 78"</li> </ul>
<b>BLOWER</b>	<ul style="list-style-type: none"> <li>• AIRFLOW: 5300 CFM</li> <li>• CFM PRESSURE: 15 PSI</li> </ul>
<b>OFF LOADING PUMP</b>	<ul style="list-style-type: none"> <li>• Mode: PM80</li> <li>• Airflow: 385 CFM</li> <li>• Pressure: 15 PSI</li> </ul>
<b>BLOWER DRIVE</b>	Transfer case drive
<b>ISOLATION DRIVE</b>	Dual 8" air operated butterfly valves
<b>SHUT-OFF</b>	Primary: 14" SS float disc assembly with 12" rubber seat
<b>FILTRATION</b>	Dual 8" cyclone assembly. Dual 42" baghouse with 58 acrylic filter bags and 100 micron blower inlet filter
<b>LIQUID LEVEL INDICATOR</b>	SS rotary float gauge with 6" SS float ball and sight cage assembly
<b>BLOWER PIPING</b>	Dual 8" diameter with quick disconnect rubber boot assembly 6" manual vacuum relief valve with 12" check valve
<b>BLOWER SILENCERS</b>	Intake: 12" chamber exhaust: 12" chamber
<b>VALVES</b>	Suction/Discharge: 6" Betts air operated/spring closing
<b>DUMP SYSTEM</b>	Hydraulic: 30-ton capacity 120" stroke, 3 stage
<b>REAR DOOR</b>	Hydraulic: Full opening with 6 heavy-duty wing clamps
<b>VIBRATOR</b>	Hydraulic: Mounted bottom of tank

# TURBOVAC SERIES



Cusco's Turbovac Series vacuum trucks are ideal for environmental remediation work – they'll handle heavy sludge, slurries and liquid waste materials without compromise. With cyclonic filtration technology, airflow ratings of 1,800 to 5,500 CFM, and powered with 28" Hg of vacuum, this system is the ideal solution for the most complex hazardous and non-hazardous waste removal, transportation, and remediation work.

## Standard Features

- ▶ Positive displacement blowers
- ▶ Heavy-duty hydraulic vibrator
- ▶ Pressure off-loading system
- ▶ Rear door valves
- ▶ Sand pipe to carry solids to the front of the tank
- ▶ Internal shut-off to prevent fluids from entering the vacuum pump
- ▶ Rotary float gauge
- ▶ Isolation valve
- ▶ Tank pressure relief valve
- ▶ Cyclone assembly
- ▶ System pressure relief valve
- ▶ Vacuum relief valve
- ▶ Hydraulic control valve
- ▶ Roots/Hibon blowers
- ▶ Air cooled vacuum pumps
- ▶ Exterior moisture trap
- ▶ Exterior filter and float ball
- ▶ Oil trap muffler
- ▶ Master control panel

## Available Options

- ▶ High-pressure wash system
- ▶ Stainless steel tank construction
- ▶ Hydraulic suction boom
- ▶ Heated valves
- ▶ Storage cabinets and toolboxes
- ▶ DOT 407/412 and TC 407/412 configurations

# TURBOVAC SERIES SPECIFICATIONS

MODEL	2627	3827	5327
NOISE LEVEL (9 FT. DISTANCE)	92 dbA	95 dbA	95 dbA
MAXIMUM CFM BLOWER	2600	3800	5300
CFM @ 15"	1438	2250	4141
MAXIMUM VACUUM	27" Hg	27" Hg	27" Hg
MAXIMUM PRESSURE PSI	15	15	15
CLEAR CA	172"	190"	200"
REQUIRED FRONT AXLE	18,000 lb.	20,000 lb.	20,000 lb.
REQUIRED REAR AXLE	46,000 lb.	46,000 lb.	46,000 lb.
HORSEPOWER	300	350	425
TRANSMISSION REQUIREMENTS	Overdrive w/cooler	Overdrive w/cooler	Overdrive w/cooler

TANK MATERIAL	<ul style="list-style-type: none"> <li>• Head: 0.3125" SA516-70</li> <li>• Shell: 0.3125" SA516-70</li> <li>• Diameter: 78"</li> </ul>
BLOWER	<ul style="list-style-type: none"> <li>• Airflow: 2600-5300 CFM</li> <li>• Max Vacuum: 28"Hg</li> </ul>
OFF LOADING	<ul style="list-style-type: none"> <li>• Mode: PM100</li> <li>• Pressure: 15 PSI</li> </ul>
BLOWER DRIVE	Transfer case drive
ISOLATION VALVE	Single or dual 8" air operated butterfly valves
SHUT-OFF	Primary: 12" SS float ball assembly with 8" rubber seat
FILTRATION	Single or dual 8" cyclone assemblies with 100-micron blower inlet filter
LIQUID LEVEL INDICATOR	SS rotary float gauge with 6" SS float ball and sight-cage assembly
BLOWER PIPING	Single or dual 8" diameter with quick disconnect rubber boot assembly. 6" manual vacuum relief valve with 10" or 12" check valve
BLOWER SILENCERS	<ul style="list-style-type: none"> <li>• Intake: 10" or 12" chamber</li> <li>• Exhaust: 10" or 12" chamber</li> </ul>
VALVES	Suction/Discharge: 6" Betts air operated/spring closing
DUMP SYSTEM	Hydraulic: 30-ton capacity 120" stroke, 3-stage
REAR DOOR	Hydraulic: Full opening with 6 heavy-duty wing clamps
VIBRATOR	Hydraulic: Mounted on the bottom of the tank

# DURAVAC SERIES



Cusco's Duravac Series of vacuum trucks is ideal for extreme weather and tough operating conditions. They're engineered with heated valves and sturdy, heavy-duty construction for off-road applications in the oil and gas fields. Equipped with a low maintenance tri-lobe positive displacement blower ranging from 1,400 to 2,100 CFM and 28" Hg of pulling power, Duravac trucks are available in 3,600 or 4,400 USG tank sizes. They provide the perfect combination for superior performance and reliability – even in the harshest environments.

## Standard Features

- ▶ Heated rear valve assembly
- ▶ Standup storage locker and toolboxes
- ▶ Side tray dirt shields
- ▶ Two slide-out chain hangers
- ▶ Rear door valves
- ▶ Sand pipe to carry solids to the front of the tank
- ▶ Internal shut-off to prevent fluids from entering the vacuum pump
- ▶ Rotary float gauge
- ▶ Isolation valve
- ▶ Hydraulic vibrator
- ▶ Tank pressure relief valve
- ▶ Cyclone assembly
- ▶ System pressure relief valve
- ▶ 4-way valve
- ▶ Hydraulic control valve
- ▶ Hibon VTB-820 blower
- ▶ Master control panel
- ▶ Cab controls

## Available Options

- ▶ High-pressure wash system
- ▶ Stainless steel tank construction
- ▶ Various pump and blower sizes
- ▶ DOT 407/412 and TC 407/412 configurations



# DURAVAC SERIES SPECIFICATIONS

<b>REQUIRED FRONT AXLE</b>	20,000 lb.
<b>REQUIRED REAR AXLE</b>	46,000 lb.
<b>REQUIRED CA</b>	Tandem 175" Tri-Drive 181"
<b>HORSEPOWER</b>	300-410 HP
<b>TRANSMISSION</b>	Manual
<b>TANK MATERIAL</b>	<ul style="list-style-type: none"> <li>• Head: 0.3125" SA516-70</li> <li>• Shell: 0.3125" SA516-70</li> <li>• Diameter: 78"</li> </ul>
<b>BLOWER</b>	<ul style="list-style-type: none"> <li>• Airflow: 1400CHM</li> <li>• Max Vacuum: 27" Hg</li> </ul>
<b>DRIVE</b>	Hydraulically driven from air shift PTO mounted on transmission with hydraulic pump, motor and oil cooler
<b>PRIMARY SHUT-OFF</b>	6" internal shut-off with 12" SS float ball and cage assembly with neoprene rubber seat on the top front of tank
<b>LIQUID LEVEL INDICATOR</b>	SS construction rotary float gauge with 6" float ball assembly located on front driver's side with grab handle
<b>PIPING</b>	Single 6" diameter no disconnect piping to allow tank to dump with vacuum system connected with vacuum pump flush port, 6" x 4-way valve assembly for pressure unloading and dual 6" in-line check valve assemblies
<b>VALVES</b>	Suction: 2 x 4" Betts air operated with aluminum Kamlok fittings mounted on rear head
<b>DISCHARGE</b>	6" Betts air operated valve with aluminum Kamlok mounted on rear head
<b>DUMP SYSTEM</b>	30 ton, single acting dump cylinder, rear dump pivot assembly and safety brace
<b>REAR DOOR</b>	Hydraulic full opening rear door assembly with six heavy-duty wing clamps, neoprene rubber rear door gasket, double acting hydraulic cylinder and safety brace
<b>BAFFLE</b>	One bolt on anti-surge mounted on reinforcing pad
<b>CYCLONE</b>	High capacity cyclone assembly with 12" diameter drop box with bottom-mounted door and 2" brass gate valve, Kamlok and cap

# HYDROVAC SERIES



Cusco's Hydrovac Series trucks are powerhouses designed to work with heavy applications that ordinary vane-type vacuum pump systems can't handle. The Hydrovac Series supports a low maintenance tri-lobe positive displacement blower with airflow ratings of 980 to 1,400 CFM, vacuum levels up to 28" Hg, a reversible airflow piping system for pressure off-loading, and a 4" to 6" suction hose that moves material with ease. When additional pulling power is necessary, Cusco's Hydrovac is the ideal machine.

## Standard Features

- ▶ Side tray dirt shields
- ▶ Rear door valves
- ▶ Sand pipe to carry solids to the front of the tank
- ▶ Internal shut-off to prevent fluids from entering the vacuum pump
- ▶ Rotary float gauge
- ▶ Isolation valve
- ▶ Tank pressure relief valve
- ▶ Cyclone assembly
- ▶ System pressure relief valve
- ▶ 4-way valve
- ▶ Hydraulic control valve
- ▶ Hibon VTB-820 blower

## Available Options

- ▶ High-pressure wash system
- ▶ Stainless steel tank construction
- ▶ Hydraulic suction boom
- ▶ Hydraulic vibrator
- ▶ Heated valves
- ▶ Truck exhaust spark arrestor
- ▶ Emergency hydrocarbon shutdown system
- ▶ Pressure off-loading nitrogen purge line
- ▶ DOT 407/412 and TC 407/412 configurations

# HYDROVAC SERIES SPECIFICATIONS

<b>REQUIRED FRONT AXLE</b>	18,000 lb.
<b>REQUIRED REAR AXLE</b>	46,000 lb.
<b>REQUIRED CA</b>	175"
<b>HORSEPOWER</b>	375
<b>TRANSMISSION</b>	Standard
<b>TANK MATERIAL</b>	<ul style="list-style-type: none"> <li>• Head: 0.250" 44W</li> <li>• Shell: 0.250" 44W</li> <li>• Diameter: 78"</li> </ul>
<b>PRIMARY SHUT-OFF</b>	Internal with SS float ball and cage assembly
<b>LIQUID LEVEL INDICATOR</b>	SS rotary float gauge with 6" SS float ball and sight cage assembly
<b>PIPING</b>	No disconnect piping to allow tank to dump with vacuum system connected
<b>VALVES</b>	<ul style="list-style-type: none"> <li>• Suction: 4" valve</li> <li>• Discharge: 6" valve</li> </ul>
<b>DUMP SYSTEM</b>	Hydraulic: 30 -on capacity 120" stroke, 3-stage
<b>REAR DOOR</b>	Hydraulic: full opening with 6 heavy-duty wing clamps

# INDUSTRIAL VAC SERIES



As Cusco's most popular vacuum equipment, our Industrial Vac Series trucks are ideal for industrial cleanup and environmental remediation work. Available vacuum systems range from 350 to 670 CFM, and generate 28" Hg of vacuum, making them excellent for picking up and removing liquid or semi-solid waste materials. With a hydraulic-operated lift system, full-opening rear door, and pressure off-loading features, this series provides a safe and efficient working experience every time. Cusco's Industrial Vac Series trucks are perfect when versatility is critical.

## Standard Features

- ▶ Standup storage locker and toolboxes
- ▶ Side tray dirt shields
- ▶ Rear door valves
- ▶ Sand pipe to carry solids to the front of the tank
- ▶ Internal shut-off to prevent fluids from entering the vacuum pump
- ▶ Rotary float gauge
- ▶ Isolation valve
- ▶ Tank pressure relief valve
- ▶ System pressure relief valve
- ▶ 4-way valve
- ▶ Hydraulic control valve
- ▶ Air or liquid cooled vacuum pumps

## Available Options

- ▶ High-pressure wash system
- ▶ Stainless steel tank construction
- ▶ Heated valves
- ▶ Hydraulic vibrator
- ▶ Transfer pump
- ▶ DOT 407/412 and TC 407/412 configurations

# INDUSTRIAL VAC SERIES SPECIFICATIONS

<b>REQUIRED FRONT AXLE</b>	16,000 lb.
<b>REQUIRED REAR AXLE</b>	40,000 lb.
<b>REQUIRED CA</b>	156"
<b>HORSEPOWER</b>	275
<b>TRANSMISSION</b>	Standard
<b>TANK MATERIAL</b>	<ul style="list-style-type: none"> <li>• Head: 0.3125" SA516-70</li> <li>• Shell: 0.3125" SA516-70</li> <li>• Diameter: 78"</li> </ul>
<b>PRIMARY SHUT-OFF</b>	4" internal with 6" SS float ball and cage assembly
<b>SECONDARY SHUT-OFF</b>	Exterior moisture trap assembly with 4" SS float ball, filter screen and sight glass
<b>LIQUID LEVEL INDICATOR</b>	SS rotary float gauge with 6" SS float ball and sight cage assembly
<b>PIPING</b>	4" no disconnect piping to allow tank to dump with vacuum system connected
<b>VALVES</b>	<ul style="list-style-type: none"> <li>• Suction: 4" Betts air operated/spring closing</li> <li>• Discharge: 6" Betts air operated/spring closing</li> </ul>
<b>DUMP SYSTEM</b>	Hydraulic: 30 ton capacity 120" stroke, 3 stage
<b>REAR DOOR</b>	Hydraulic: Full opening with 6 heavy-duty wing clamps

# LIQUID RING SERIES



Cusco's Liquid Ring Series vacuum trucks are engineered to provide an alternative to rotary lobe and vane-style vacuum systems that aren't suitable for all applications. This system is ideal for the pickup and removal of liquids, slurries, sludge, and dry aggregate-type materials. They're equipped with an 1,100 CFM liquid ring vacuum pump that generates 26" Hg of vacuum power and a reversible airflow piping system for pressure off-loading. The Liquid Ring Series is Cusco's most quiet design, and is perfect for applications where noise level is a concern.

## Standard Features

- ▶ Tank sizes ranging from 1,000 to 4,500 USG
- ▶ Complete hydraulic system functions
- ▶ Belt-driven liquid ring pump from air-shift PTO
- ▶ 30-ton hydraulic hoist system
- ▶ Full-opening rear door
- ▶ DOT rear bumper for protection of external valves
- ▶ Rear dirt shield
- ▶ Rear door valves (air-opened / spring-closed)
- ▶ Sand pipe to carry solids to the front of the tank
- ▶ Internal shut-off to prevent fluids from entering the vacuum pump
- ▶ Rotary float gauge
- ▶ Isolation valve
- ▶ Tank pressure relief valve
- ▶ Hydraulic control valve
- ▶ Hydraulic system
- ▶ Water tank
- ▶ Water tank pressure relief valve
- ▶ Water flow control and gauge

## Available Options

- ▶ High-pressure wash system
- ▶ Stainless steel tank construction
- ▶ Hydraulic suction boom
- ▶ Hydraulic vibrator
- ▶ Heated valves
- ▶ Truck exhaust spark arrestor
- ▶ Emergency hydrocarbon shutdown system
- ▶ Pressure off-loading nitrogen purge line
- ▶ DOT 407/412 and TC 407/412 configurations

# LIQUID RING SERIES SPECIFICATIONS

<b>REQUIRED FRONT AXLE</b>	18,000 lb.
<b>REQUIRED REAR AXLE</b>	46,000 lb.
<b>REQUIRED CA</b>	144"
<b>HORSEPOWER</b>	300
<b>TRANSMISSION</b>	Standard
<b>TANK MATERIAL</b>	<ul style="list-style-type: none"> <li>• Head: 0.3125" SA516-70</li> <li>• Shell: 0.3125" SA516-70</li> <li>• Diameter: 78"</li> </ul>
<b>PUMP</b>	<ul style="list-style-type: none"> <li>• Airflow: 1100 CFM</li> <li>• Max Vacuum: 26"Hg</li> </ul>
<b>DRIVE</b>	Hydraulically or belt from PTO
<b>ISOLATION DRIVE</b>	Single 6" air operated butterfly valve
<b>PRIMARY SHUT-OFF</b>	6" internal with 9" SS float ball and cage assembly
<b>WATER TANK</b>	Attached to front of waste tank with epoxy lining, sight glasses, drain valve, suction strainer, 2" water feed line, 4" exhaust valve
<b>LIQUID LEVEL INDICATOR</b>	SS rotary float gauge with 6" SS float ball and sight cage assembly
<b>PIPING</b>	6" no disconnect piping to allow tank to dump with vacuum system connected
<b>VALVES</b>	<ul style="list-style-type: none"> <li>• Suction: 4" Betts air operated/spring closing</li> <li>• Discharge: 6" Betts air operated/spring</li> </ul>
<b>DUMP SYSTEM</b>	Hydraulic: 30-ton capacity 120" stroke, 3 stage
<b>REAR DOOR</b>	Hydraulic: Full opening with 6 heavy-duty wing clamps
<b>VIBRATOR</b>	Hydraulic: Mounted bottom of tank

# HYDRO TRENCHER SERIES



Cusco's newly-redesigned Hydro Trencher Series provides separate water storage containment in dual 500 USG stainless steel vertical water tanks. This new design has improved weight distribution, increased corrosion resistance, and is safer when dumping. This premier hydro excavator is designed for directional boring and removing waste materials including liquids, sludge, slurries, mud, gravel, and other solid waste. The Hydro Trencher Series is available in a wide range of configurations to meet specific needs. With standard features like cyclonic filtration technology, a vacuum system with airflow ratings of 5,300 CFM that generates 28" Hg of vacuum, a wash pump capable of 20 GPM at 3,000 PSI, an enclosed hot water burner system, high-pressure water jetting, storage cabinets/stand-up lockers, and an 8" hydraulic operated boom with a 25 ft. reach, the Hydro Trencher Series is ideal for excavating around fragile oil and gas pipelines, installing fiber optic cables, repairing utility lines, or excavating in remote areas with limited access.

## Standard Features

- ▶ Cyclonic filtration technology
- ▶ Vacuum system with airflow ratings of 3,500 to 5,500 CFM and 28" Hg of vacuum power
- ▶ Wash pump capable of 20 gpm at 3,000 PSI
- ▶ High pressure water jetting
- ▶ Rear door valves
- ▶ Sand pipe to carry solids to the front of the tank
- ▶ Internal shut-off to prevent fluids from entering the vacuum pump
- ▶ Rotary float gauge
- ▶ High capacity cyclone assembly
- ▶ System pressure relief valve
- ▶ Vacuum relief valve and 12" check valve assembly
- ▶ Hydraulic control valve
- ▶ Hibon and Roots blowers
- ▶ 8" hydraulic boom
- ▶ Boom pendant controls
- ▶ Boiler system

## Available Options

- ▶ Stainless steel waste tank construction
- ▶ Heated valves
- ▶ Hydraulic vibrator
- ▶ Wireless boom and water pump controls



# HYDRO TRENCHER SERIES SPECIFICATIONS

<b>REQUIRED FRONT AXLE</b>	20,000 lbs.
<b>REQUIRED REAR AXLE</b>	69,000 lb. tri-drive
<b>HORSEPOWER</b>	425
<b>TRANSMISSION REQUIREMENTS</b>	Overdrive
<b>TANK</b>	<ul style="list-style-type: none"> <li>• 3200 USG</li> <li>• Shell and Head Thickness: 5/16"</li> <li>• Diameter: 78"</li> </ul>
<b>BLOWER</b>	<ul style="list-style-type: none"> <li>• Airflow: 5300 CFM</li> <li>• Max Vacuum: 28"Hg</li> </ul>
<b>SHUT-OFF</b>	Primary: Dual 12" SS float ball assembly with 8" rubber seat
<b>FILTRATION:</b>	Dual 8" cyclone assemblies with 100-micron blower inlet filter
<b>LIQUID LEVEL INDICATOR</b>	SS rotary float gauge with 6" SS float ball and sight cage assembly
<b>BLOWER PIPING</b>	Dual 8" diameter with quick disconnect rubber boot assembly. 6" manual vacuum relief valve with 12" check valve
<b>BLOWER SILENCERS</b>	<ul style="list-style-type: none"> <li>• Intake: 12" chamber</li> <li>• Exhaust: 12" chamber</li> </ul>
<b>VALVES</b>	Suction/Discharge: 6" Betts vacuum
<b>DUMP SYSTEM</b>	Hydraulic: 30 ton capacity 120" stroke, 3-stage
<b>REAR DOOR</b>	Hydraulic: Full opening with 6 hydraulic door locks
<b>VIBRATOR</b>	Hydraulic: Mounted bottom of tank
<b>WATER TANKS</b>	Dual 500 USG stainless steel vertical
<b>WATER PUMP</b>	20 GPM, 3000 PSI
<b>BOILER SYSTEM</b>	Up to 980,000 BRU 12 volt, diesel fired
<b>BOOM</b>	8" Hydraulic operated with 25 ft. reach

# LOW PROFILE SERIES



Cusco's Low Profile Series of vacuum trucks is ideal for working in low clearance levels, such as underground parking decks, or any low area where catch basins tend to be located. These trucks have a specially designed airlift system that enables the chassis to drop to a 77" clearance and return to its original ride height with the flick of a switch.

## Standard Features

- ▶ Hydraulic dump system
- ▶ Standard toolboxes
- ▶ Manual rear door valves
- ▶ Internal shut-off to prevent fluids from entering the vacuum pump
- ▶ Tank Sight-glasses
- ▶ Tank pressure relief valve
- ▶ Hydraulic control valve
- ▶ PM80 with 350 CFM
- ▶ Air cooled vacuum pumps

## Available Options


- ▶ High-pressure wash system
- ▶ Hydraulic vibrator
- ▶ Hydraulic dump system
- ▶ Heated valves

# LOW PROFILE SERIES SPECIFICATIONS

<b>TANK MATERIAL</b>	<ul style="list-style-type: none"> <li>• Head: 0.250" 44W</li> <li>• Shell: 0.250" 44W</li> <li>• Rectangular: 30"H x 60"W</li> </ul>
<b>PRIMARY SHUT-OFF</b>	4" internal with 6" SS float ball and cage assembly
<b>SECONDARY SHUT-OFF</b>	Exterior moisture trap assembly with float ball and sight glass
<b>LIQUID LEVEL INDICATOR</b>	3-5" diameter sight glasses located on rear head
<b>PIPING</b>	3" piping to connect to vacuum system
<b>VALVES</b>	<ul style="list-style-type: none"> <li>• Suction: 3" brass valve</li> <li>• Discharge: 4" brass valve</li> </ul>
<b>REAR CLEAN OUT</b>	20" diameter quick opening located bottom of rear head
<b>DUMP SYSTEM</b>	Hydraulic: 7-ton capacity 72" stroke, 3-stage

## Need assistance in choosing the right model for your application?

Contact Cusco Customer Care today:

 800-490-3541

 905-883-1214

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# CUSCO™

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