



CONCENTRATE METERING SYSTEM (CMP SERIES)

HDPE CONSTRUCTION

The Concentrate Metering System CMP (HDPE tank) module includes one collection tank. Depending on the arrangement, the module may be skid-mounted and completely piped and wired. Concentrated wastes, either acids or caustics, will be collected in the tank. The concentrated wastes will be slowly metered into the appropriate chemical reaction tank prior to a microfilter or clarifier system.

The basic module configuration has one tank equipped with level controls and one chemical feed pump. If supplied, the frame supports the tank and chemical metering pump. The electrical control box, as well as the piping and wiring are attached to this frame.

Features

- Fully assembled at the factory
- Factory tested
- Units are either skid-mounted or stand alone
- Units are match marked for ease of reassembly
- Rapid installation assured by skidded assemblies

Available Standard Options

- Second metering pump
- Seismic upgrade to zone 4

SPECIFICATIONS

MODEL NUMBER	CMP-500	CMP-750	CMP-1000	CMP-1500	CMP-2000
Number of Tanks	One	One	One	One	One
Tank Material	HDPE	HDPE	HDPE	HDPE	HDPE
Tank Volume	500 gallons 1.9 m ³	750 gallons 2.8 m ³	1,000 gallons 3.8 m ³	1,500 gallons 5.7 m ³	2,000 gallons 7.6 m ³
Type	Vertical Cylindrical				
Valves And Piping Connections					
Outlet Connection	1/2" Tubing				
Drain Valve	2" True Union Ball Valve	2" True Union Ball Valve	2" True Union Ball Valve	2" True Union Ball Valve	2" True Union Ball Valve
Skid					
Mounting	Tank is mounted to the floor. The pump is located on a support skid.	Tank is mounted to the floor. The pump is located on a support skid.	Tank is mounted to the floor. The pump is located on a support skid.	Tank is mounted to the floor. The pump is located on a support skid.	Tank is mounted to the floor. The pump is located on a support skid.
Paint	Near white metal sandblast + 2-3 mil primer + 3-5 mil finish	Near white metal sandblast + 2-3 mil primer + 3-5 mil finish	Near white metal sandblast + 2-3 mil primer + 3-5 mil finish	Near white metal sandblast + 2-3 mil primer + 3-5 mil finish	Near white metal sandblast + 2-3 mil primer + 3-5 mil finish
Dimensions (L x W x H)	71" x 46" x 83" 1,803 x 1,168 x 2,108 mm	71" x 46" x 121" 1,803 x 1,168 x 3,073 mm	90" x 65" x 88" 2,286 x 1,651 x 2,235 mm	89" x 64" x 127" 2,261 x 1,626 x 3,226 mm	112" x 87" x 102" 2,845 x 2,210 x 2,591 mm
Sludge Transfer Pump Capacity	20 gpm @ 50' TDH 2.3 m ³ /h @ 149 kPa	20 gpm @ 50' TDH 2.3 m ³ /h @ 149 kPa	45 gpm @ 50' TDH 10.2 m ³ /h @ 149 kPa	45 gpm @ 50' TDH 10.2 m ³ /h @ 149 kPa	45 gpm @ 50' TDH 10.2 m ³ /h @ 149 kPa
Shipping Weight	185 lbs 84 kg	205 lbs 93 kg	225 lbs 102 kg	245 lbs 111 kg	265 lbs 120 kg
Operating Weight	4,355 lbs 1,975 kg	6,460 lbs 2,930 kg	8,565 lbs 3,226 kg	12,755 lbs 5,786 kg	16,945 lbs 7,686 kg



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