

Powdered Lime Slurry Make-Up System (PSL Series)

The Powdered Slurry Lime (PSL) Make-Up System includes one FRP tank, mixer, recirculation/feed pump, bag breaker and dust collector. The system can be used to feed a lime slurry solution to the reaction tanks prior to a microfilter or clarifier.

The basic system configuration has one tank equipped with a cover, one Brawn mixer, solenoid valves, air station, line flush, air operated recirculation pump, bag breaker and dust collector.

The frame supports the mixer and recirculation pump. The electrical control box, piping manifold and wiring are also attached to the frame. Steps are supplied for operator access to the module.



PSL-250



PSL-1000

Features

- Fully assembled at the factory
- Factory tested
- Units are match marked for ease of reassembly

Powdered Lime Slurry Make-Up System (PSL Series)

Specifications				
Model Number	PSL-250	PSL-500	PSL-1000	PSL-3000
Number of Tanks	One	One	One	One
Tank Material	FRP	FRP	FRP	FRP
Tank Volume	250 gallons 0.95 m ³	500 gallons 1.9 m ³	1,000 gallons 3.8 m ³	3,000 gallons 11.4 m ³
Tank Type	Vertical Cylindrical	Vertical Cylindrical	Vertical Cylindrical	Vertical Cylindrical
Pump Type	Air Diaphragm	Air Diaphragm	Air Diaphragm	Air Diaphragm
Mixer	1/4 HP, 120 V, 1-Phase, 60 Hz, TEFC	1/3 HP, 460 V, 3-Phase, 60 Hz, TEFC	1/2 HP, 460 V, 3-Phase, 60 Hz, TEFC	2 HP, 460 V, 3-Phase, 60 Hz, TEFC
Blower Size (HP)	1/2	1/2	1/2	2
Method of Construction	Skidded	Skidded	Catwalk-Mounted	Catwalk-Mounted
Water Requirements (intermittent)	25 gpm @ 20 psi 5.7 m ³ /hr @ 138 kPa	40 gpm @ 20 psi 9.1 m ³ /hr @ 138 kPa	50 gpm @ 20 psi 11.4 m ³ /hr @ 138 kPa	75 gpm @ 20 psi 17.0 m ³ /hr @ 138 kPa
Air Requirements	40 cfm @ 120 psi (68 m ³ /hr @ 828 kPa)	40 cfm @ 120 psi (68 m ³ /hr @ 828 kPa)	40 cfm @ 120 psi (68 m ³ /hr @ 828 kPa)	40 cfm @ 120 psi (68 m ³ /hr @ 828 kPa)
Dimensions (L x W x H)	80" x 55" x 85" 2,032 x 1,397 x 2,159 mm	88" x 55" x 94" 2,235 x 1,397 x 2,387 mm	100" x 113" x 145" 2,540 x 2,870 x 3,683 mm	100" x 133" x 145" 2,540 x 3,378 x 3,683 mm
Shipping Weight	879 lbs 399 kg	1,266 lbs 574 kg	2,445 lbs 1,109 kg	4,000 lbs 1,814 kg
Operating Weight	2,964 lbs 1,344 kg	5,438 lbs 2,467 kg	10,785 lbs 4,892 kg	30,000 lbs 13,608 kg

Siemens
Water Technologies
2000 Ericsson Drive
Warrendale, PA 15086
866.525.0621 Toll Free
724.772.6520 Phone
724.772.6521 Fax

© 2010 Siemens Water Technologies Corp.
EPWP-PSLdr-IUE-DS-1010
Subject to change without prior notice.

The information provided in this literature contains merely general descriptions or characteristics of performance which in actual case of use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of the contract.