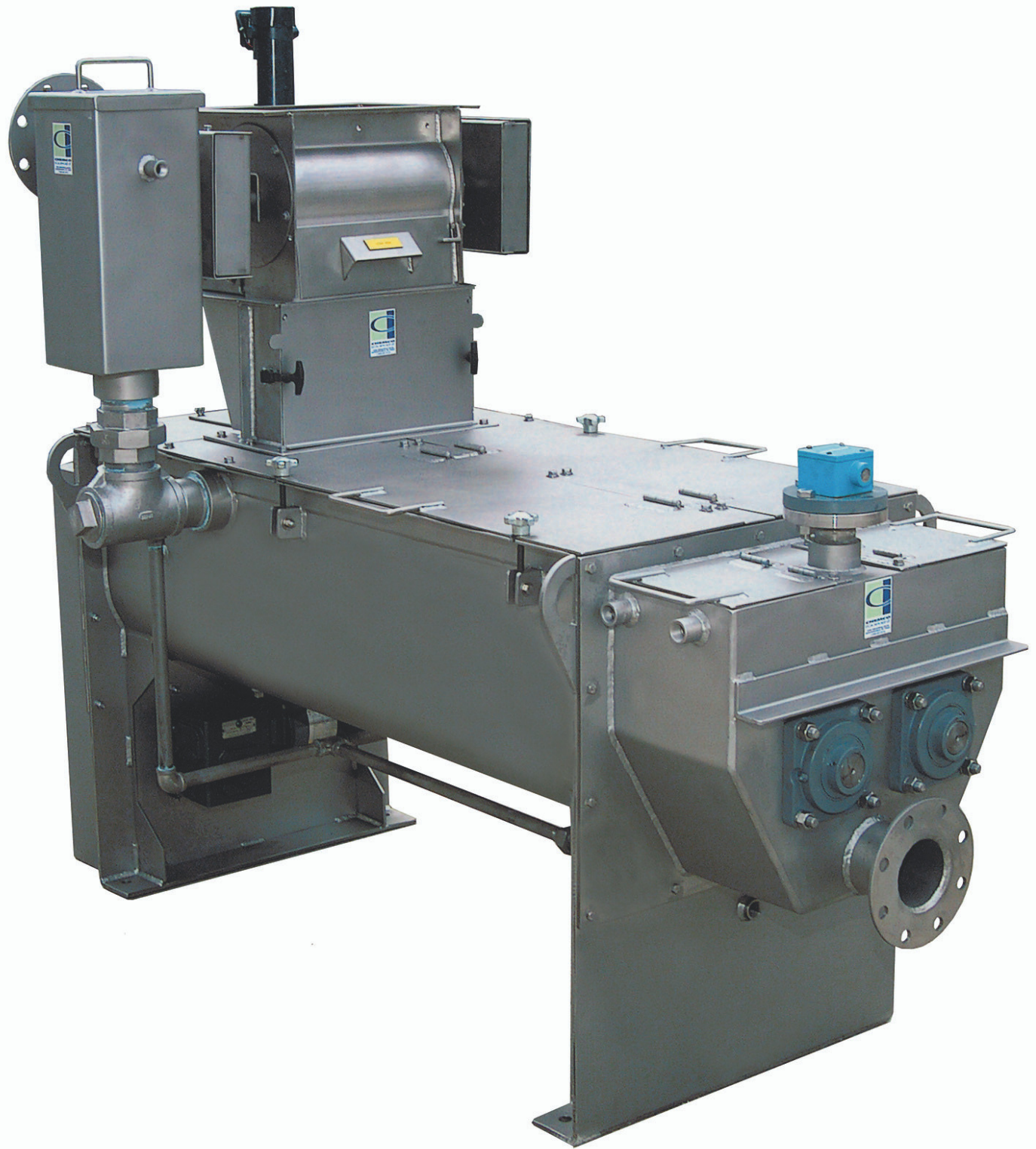




# PASTE SLAKER

Chemco Systems, L.P.



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1500 Industrial Drive, Monongahela, PA 15063

O: (724) 258-7333 Fax: (724) 258-7350

sales@chemcosystems.net • www.chemcosystems.net



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## **Overview:**

The Paste Slaker is designed to produce quality hydrated lime slurry from commercial grades of quicklime.

The slaker can be constructed from carbon steel or stainless steel. It incorporates abrasion resistant alloy steel mixing paddles assuring a long service life.

## **Operation:**

Water and lime are proportionally delivered when the machine is started. The paste forming within the slaking chamber is electronically monitored and water is automatically metered as required to ensure proper viscosity. Internal paddles provide the proper degree of mixing, ensuring the paste is thoroughly blended and moves toward the discharge weir.

The slaking chamber is equipped with a dust and vapor removal system to prevent the escape of steam generated by the exothermic reaction to migrate up into the dry lime feed chute. Lime paste exits the slaking chamber over a discharge weir. Paste is diluted in the discharge chamber before exiting the machine. Slurry can be directed into an inclined grit removal chamber or a vibrating screen classifier.

Upon system shutdown, control logic initiates a sequence of events to thoroughly flush the system allow it to cool. Upon being flushed, the unit automatically shuts down and enters a standby mode which will allow future simple start-up with little operator attention.

## **Paste Slaker Sizes:**

Chemco Paste Slakers are available in sizes from 500 lb./hr. to 8,000 lb./hr.

