

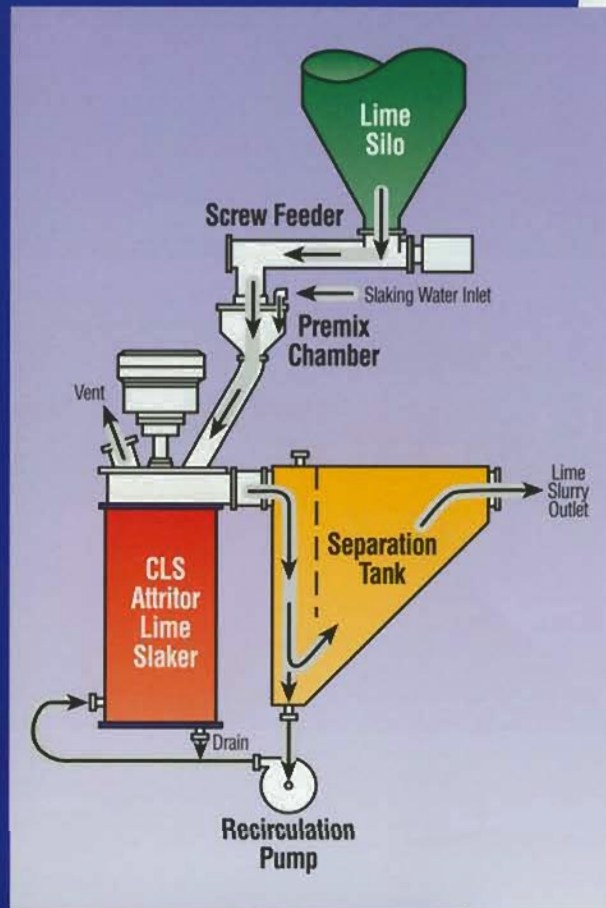
# The Ultimate Lime Slaking System

Featuring The Union Process CLS Attritor  
Stirred Vertical Ball Mill Lime Slaker



The patented CLS Attritor Stirred Vertical Ball Mill Lime Slaker has been operating successfully in power generating plants for flue gas desulphurization (FGD). The Attritor will slake the lime as well as grind the inert grit, eliminating grit separation and disposal problems.

Because of its compact size, the Attritor Stirred Vertical Ball Mill Slaker will readily fit under the skirt of the lime silo making an additional building to house the mill unnecessary. This results in substantial savings in space and cost.



**Two  
Industry  
Leaders.  
One Great  
Concept.**

CHEMCO designs and manufactures systems for storage, transfer and feed of quick lime. CHEMCO is the largest manufacturer of bulk chemical storage and feed systems in the United States.

UNION PROCESS, inventors and developers of Attritor grinding technology, are world-wide leaders in fine grinding equipment.

UNION PROCESS manufactures the CLS Attritor Stirred Vertical Ball Mill Lime Slaker,

an integral component in the Lime Slaking System described above.

*From Two Industry Leaders*

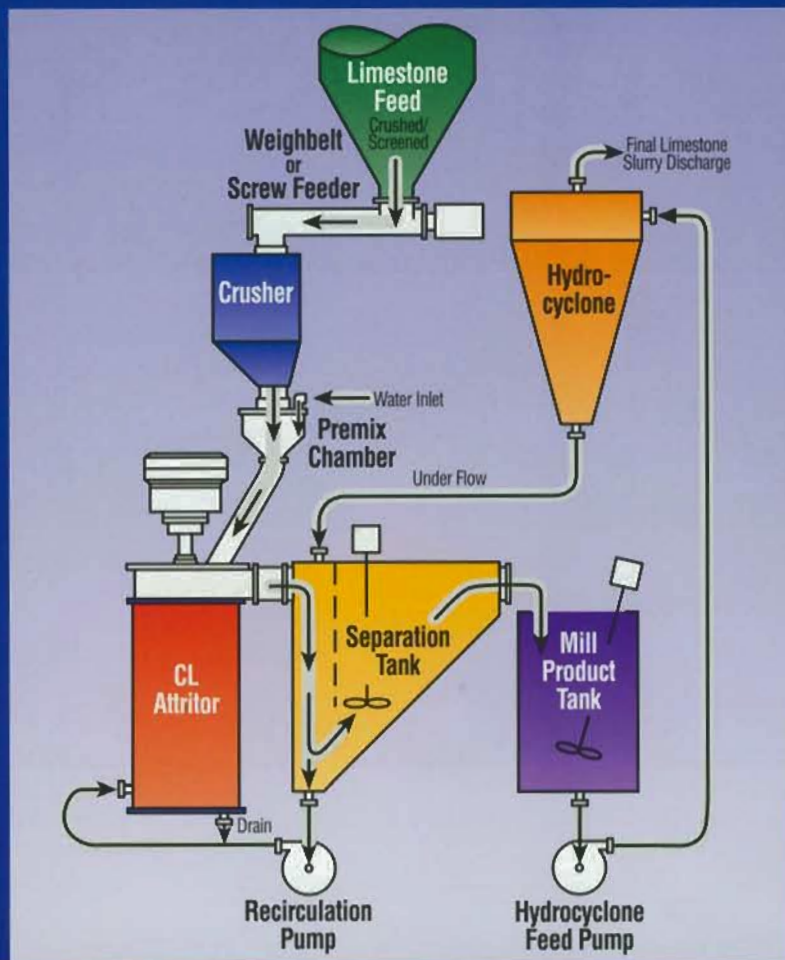




# The Most Efficient Limestone Grinding System

The economical CL Attritor Stirred Vertical Ball Mill is used for wet grinding limestone for flue gas desulphurization. The process uses limestone feed stock of .2" or 5mm in size and wet grinds the limestone to 95% minus 325 mesh. The grinding circuit includes the separation tank, mill recirculating pump, mill product tank, hydrocyclones, hydrocyclone feed pumps and all necessary controls. Due to the Attritor's high efficiency, the power consumption for this mill is 50% less compared to conventional ball mills of a similar size. This results in substantially lower operating costs.

Featuring The  
Union Process  
CL Attritor  
Stirred Vertical  
Ball Mill



For more information, contact  
Two Industry Leaders:



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MODEL	HP	WORKING MEDIA VOLUME (GALLONS)	MAXIMUM THROUGHPUT (LBS./HR.)	DIMENSIONS (IN./CM.)*	OPERATING WT. (LBS.)*
<b>CLS Attritors For Lime Slaking</b>					
CLS-40	40	20	5,500	46" x 79" x 116" or 122 cm x 201 cm x 300 cm	9,000
CLS-60	50	30	8,000	50" x 82" x 129" or 127 cm x 208 cm x 328 cm	10,000
CLS-100	75	50	13,500	54" x 91" x 145" or 137 cm x 231 cm x 368 cm	14,000
CLS-150	100	75	20,000	58" x 100" x 157" or 147 cm x 254 cm x 399 cm	18,000
CLS-200	150	100	27,000	61" x 104" x 170" or 155 cm x 264 cm x 432 cm	23,000
<b>CL Attritors For Limestone Grinding</b>					
CL-100	50	50	8,000	56" x 92" x 144" or 142.2 cm x 233.7 cm x 365.8 cm	14,000
CL-200	100	100	16,000	62" x 100" x 156" or 157.4 cm x 254 cm x 396.2 cm	20,000
CL-300	150	150	24,000	70" x 116" x 166" or 177.8 cm x 294.6 cm x 421.6 cm	26,000
CL-400	200	200	32,000	80" x 124" x 180" or 203.2 cm x 315 cm x 457.2 cm	34,000

\*Dimensions and weights are approximate. Larger sizes available upon request.