

# Vertimill®

## Lime Slaker

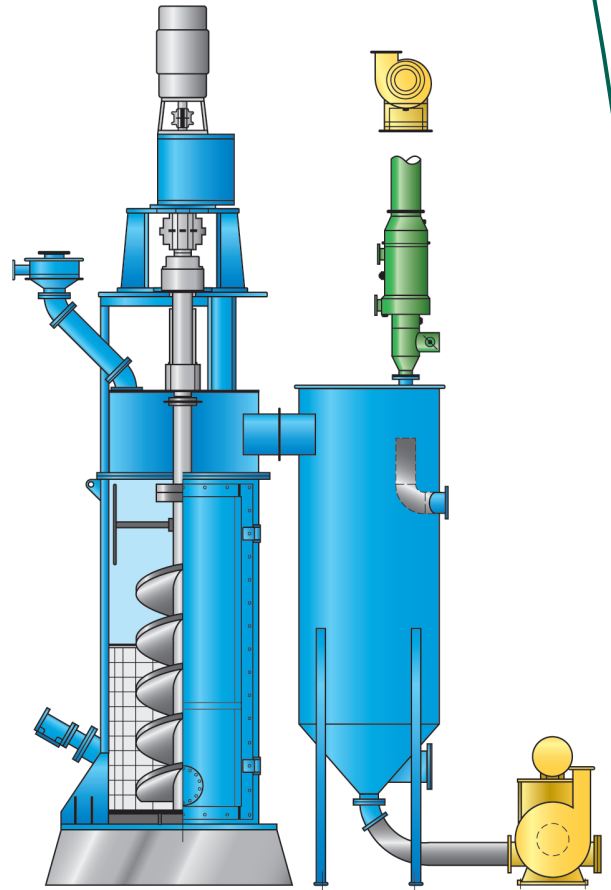
Metso draws from more than 100 years of mill design and manufacturing expertise and three decades of successful VERTIMILL® applications. The VERTIMILL® is an energy efficient and cost saving alternative to tumbling mills and paste or detention type lime slakers.

**Advantages include:**

- Superior Lime Slaker
- Ultra Fine, Highly Reactive M-O-L Product
- No Grit Removal Required
- Simple One-Step Open Circuit Operation
- Large Capacity and Turndown
- High Retention Time
- Minimal Maintenance
- Ease of Operation

**Preselected Mills for Lime Slaking:**

STPH CAO	MTPH CAO	Unit Size	Motor HP	Motor KW
1.5	1.4	VTM-10-LS	10	7.5
3.0	2.7	VTM-20-LS	20	14.9
4.1	3.7	VTM-30-LS	30	22.4
5.8	5.3	VTM-50-LS	50	37.3
7.3	6.6	VTM-100-LS	60	44.7
13.2	12.0	VTM-150-LS	100	74.6
15.3	13.9	VTM-200-LS	150	111.9
20.6	18.7	VTM-300-LS	200	149.1
33.0	30.0	VTM-400-LS	300	223.7



**Typical Operating Conditions:**

<b>Material</b>	Pebble lime with approximately 5 percent grit
<b>Feed Size</b>	1" x 0 (25 mm x 0)
<b>Product Size</b>	80 to 90% passing 325 mesh
<b>Percent Solids (Product)</b>	20%
<b>Temperature Product Inside Mill</b>	130°F — 160°F (54°C—71°C)

The Vertimill is capable of slaking under varying operating conditions. If specific project requirements differ from above, please consult you local Metso Representative.

For more information, contact your local Metso representative.

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