

VERTIMILL®

Lime Slaker

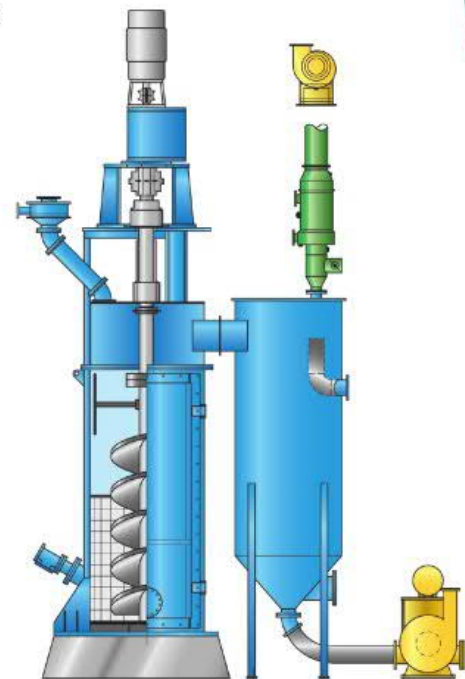
Metso draws from more than 100 years of mill design and manufacturing expertise and three decades of successful VERTIMILL® applications. The VERTIMILL® is an energy efficient and cost saving alternative to tumbling mills and paste or detention type lime slakers.

Advantages include:

- Superior lime slaker
- Ultra fine, highly reactive hydrated lime product
- No grit removal required
- Capable of operating in open or closed circuit configurations
- Large capacity and turndown
- High retention time
- Minimal maintenance
- Ease of operation

Preselected Mills for Lime Slaking:

Model	STPH	MTPH	HP	KW
VTM-10-LS	1.5	1.4	10	7.5
VTM-20-LS	3.0	2.7	20	14.9
VTM-30-LS	4.1	3.7	30	22.4
VTM-50-LS	5.8	5.3	50	37.3
VTM-100-LS	7.3	6.6	60	44.7
VTM-150-LS	13.2	12.0	100	74.6
VTM-200-LS	15.3	13.9	150	111.9
VTM-300-LS	20.6	18.7	200	149.1
VTM-400-LS	33.0	30.0	300	223.7
VTM-500-LS	43.4	39.4	400	298.3
VTM-650-LS	64.0	58.1	500	372.9
VTM-800-LS	88.0	79.9	600	447.4



Typical Operating Conditions:

Material	Pebble lime with 5 – 20% grit
Feed size	1" x 0 (25 mm x 0)
Product size	80 – 95% passing 325 mesh (depending on circuit configuration)
Percent solids (product)	18 – 22%
Slurry temperature inside mill	165° F – 185° (74° C – 85° C)

The values listed above are typical; slaking temperature, % solids, and product size are a function of site specific feed and operational conditions. The VERTIMILL® is robust technology capable of slaking under varying operating conditions. Please consult your local Metso representative for a detailed assessment of your application.

For more information, contact your local Metso representative.

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