

# LIME SLAKING

7 models from  
1,000 to  
26,000  
lbs/hr

#### INSTRUMENTATION:

Slaker system continuously monitors and controls slaking operation with temperature transmitter and modulating control valve.

#### GRIT REJECTION SCREEN:

An oscillating separator with replaceable stainless steel wire screen ensures slurry does not have oversized particles.

**WEAR PLATE:** Slaking chamber is fitted with ¼" thick steel, replaceable wear plate.

#### CONSTRUCTION:

Slaker is all-welded steel construction, with warming jacket barrel of rolled steel plate. Stainless steel construction is also available as an option. Slurry discharge piping is CPVC, and all water piping and fittings are galvanized steel.

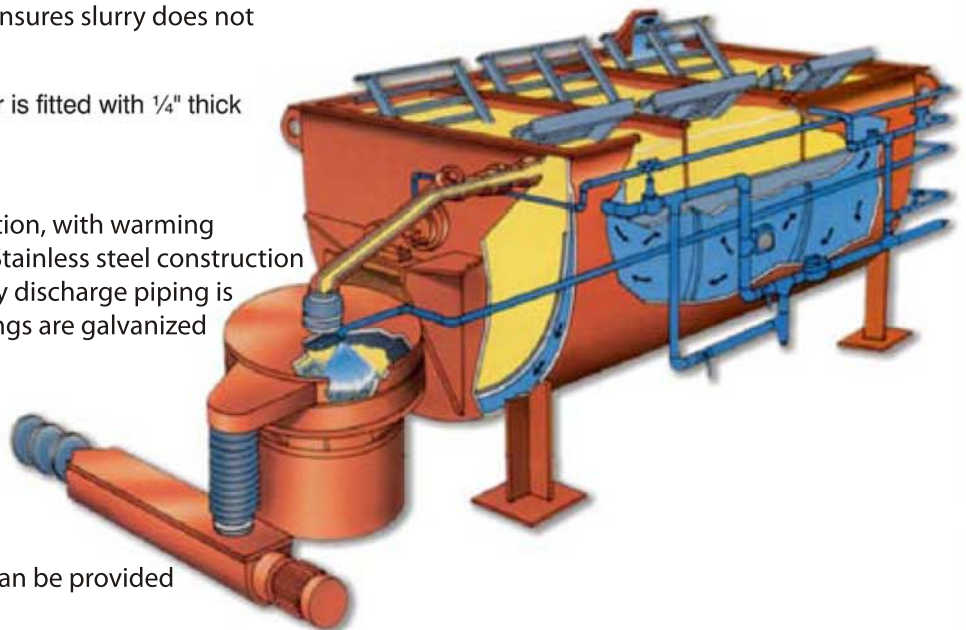
#### GRIT REMOVAL SCREW:

Optional screw conveyor can be provided.

#### CONTROL PANEL:

Standard or customized controls can be provided to meet customer requirements.

MODEL	CaO lbs./hr.	DRIVE HP
M-5	1,000	1.5
M-15	2,500	2.0
M-25	5,550	5.0
M-40	9,000	7.5
M-55	12,500	10.0
M-60	16,000	15.0
M-90	26,000	20.0



## PERFORMANCE FEATURES

- Produces 25% (4:1) creamy slurry (*adjustable lime & water feed rate*) requiring far less storage capacity than 10% solutions.
- Eliminates need to add water that must be removed later - especially for sludge treatment.
- Slakes all normally reactive pebble quicklime, powder to ¾". No jamming by grit buildup.
- Water jacket conserves heat to speed up slaking. No outside heat source may be required.
  - Continuous monitoring and automatic control of slaking temperature.
    - 25% slurry reduces scaling in pipes and valves.
- Rugged steel plate construction and sturdy structurals, lined drum with replaceable wear plate.
- Long-wearing, heavy tool steel agitator/breaker bars sweep entire compartment and keeps slurry in full suspension - no "hot-spots".
- Positive vibrating grit removal screen. No chance of grit over weirs or in solution to damage pumps.



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