



PORTA BATCH®

PORTA BATCH®—a mobile hot lime slurry production system—is a cost-effective and convenient way to use lime slurry at remote locations or on large jobs. The self-contained, diesel-powered unit can slake quick-

CLC has successfully used PORTA BATCH® since 1984 to satisfy the needs of diverse customers. It is ideal for soil stabilization and recycled asphalt pavement jobs; acid neutralization; water and wastewater treatment;

quicklime or hydrated lime. On soil stabilization jobs, the application of a fluid versus solid product eliminates the need to apply water for hydration, saving time and money.

Convenient and Easy to Use

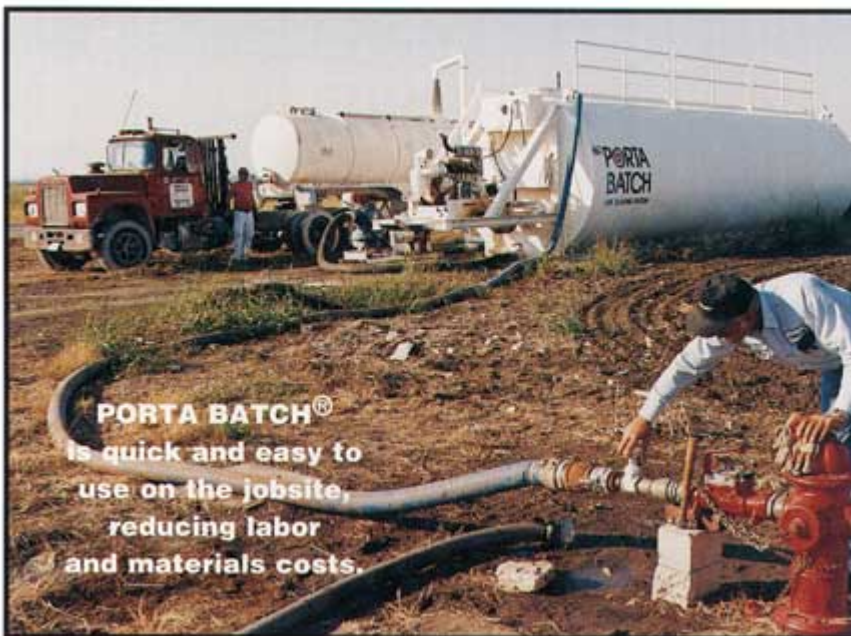
Lime and water are combined at the job site in the PORTA BATCH®. The lime is discharged from a pneumatic truck into the PORTA BATCH® beneath the liquid level while being continuously mixed. Approximately 25 tons of quicklime can be converted to about 32 tons of calcium hydroxide slurry per batch in one to two hours.

An important benefit of PORTA BATCH® is that fugitive dust is virtually eliminated, making PORTA BATCH® environmentally friendly.

When additional assurance in meeting particulate emission criteria is required, a wet scrubber can be installed easily.

CLC Delivers Solutions

For customers with a long-term need, CLC also offers PERMA BATCH®, a skid-mounted unit similarly equipped but featuring an electric versus diesel motor.



lime (calcium oxide) or slurry hydrated lime (calcium hydroxide) to the percent solids required for each job. Controlled batching features such as accurate lime/water ratios, slaking temperature, and agitation produce a homogeneous lime slurry with a fine particle size. These particles have greater surface area, allowing faster reactivity and higher lime utilization.

environmental remediation; and flue gas desulfurization projects.

Cost-effective Technology

Overall job costs can be lowered with PORTA BATCH®. A customer's labor costs can be reduced as work may be accomplished more quickly. Material and freight costs per ton are reduced through bulk purchase of



System Specifications

Dimensions:

56'0" L x 10'0" W x 13'6" H (handrails up)

Vessel:

10' diameter x 40' length

Volume:

23,282 U.S. Gallons

Weight:

Empty weight: 35,000 lbs

Maximum weight of tank filled with 35% slurry: 273,970 lbs

Maximum weight of tank filled with 40% slurry: 286,027 lbs

Drive System:

Diesel engine, 135 HP, air-cooled.

Fuel Capacity:

50 gallons

Agitation System:

Off-centered, 5" diameter single shaft, 5' diameter area of agitation, double-pitch screw paddle arrangement.

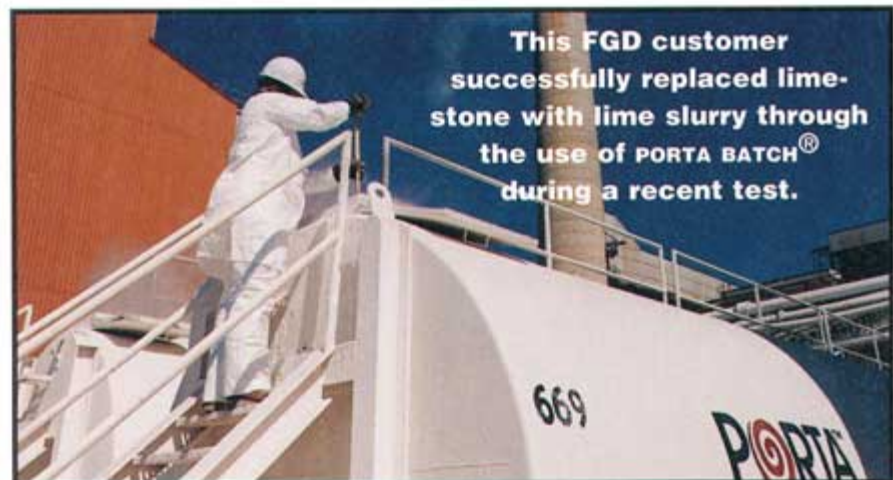
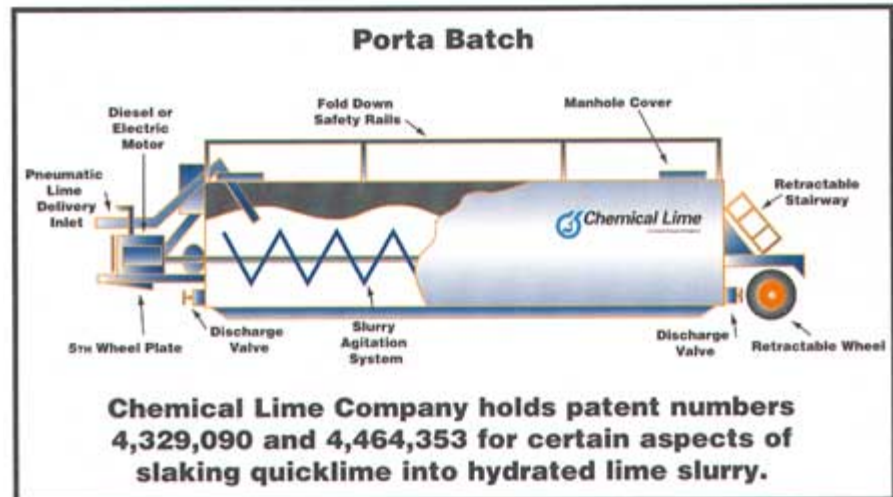
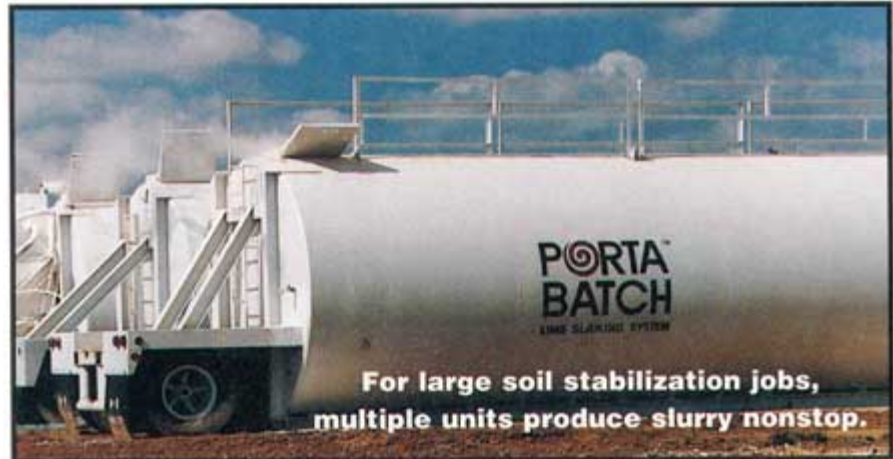
Slaking Capacity*:

20 to 30 tons per hour

*Actual slaking time only; does not include time required to add water.

For more information, contact your Chemical Lime Company representative or call 1-800-365-6724 (eastern U.S.) or 1-800-978-0325 (western U.S.) or write to the address below. PORTA BATCH is a registered trademark of Chemical Lime Company.

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