

# APPLICATIONS PUMPS



## HIGH PRESSURE CLEANING IN CERAMIC TILE PLANT

File No. 68

### Section 6

#### PROBLEM:

This tile manufacturer was requiring over 4 hours to clean three 700 gallon mixers yet still could not do an adequate job. It was costing time and wasted man hours to do the job.

#### SOLUTION:

Now a CAT PUMP powered portable cleaning system is in operation cutting cleaning time from 4 hours down to 40 minutes with high pressure.

#### SPECIFICATIONS:

CAT PUMPS Model .....	310
Pressure .....	2000 PSI
Flow .....	3 GPM
Temperature .....	Ambient
Fluid.....	Water
Duty Cycle.....	Intermittent
Drive .....	Electric

#### BENEFITS:

- Cleaning time cut by 80% enabling more production time.
- Product quality-control greatly assisted with more thorough cleaning.
- Equipment maintenance simplified.
- Portability and simplicity makes cleaning less tedious a task.

#### OPERATION:

This is a success story from beginning to end. The plant maintenance manager of this ceramic tile manufacturer saw CAT PUMPS' advertisement in N.E.D. and wrote for more information. Literature was mailed and our distributor, Power Wash Service, was informed of their interest. Within 4 weeks Power Wash Service had made the sale and the maintenance manager was in operation.

The portable cleaning unit was designed to clean three mixers used to grind earth and water to produce clay for ceramic tile. The goal of the wash unit was to do a more efficient cleaning of the mixers. This improved cleaning would improve production time and assure better quality control. All objectives were accomplished and with remarkable savings.

The cleaning time for the three 700 gallon mixers was cut from approximately 4 hours to 30-45 minutes. This 80% reduction in cleaning time significantly improved plant production. In addition to less time and less men required to do the cleaning, a more thorough cleaning was accomplished eliminating and left over color residue which might spoil the next tile mix.

With the convenience of this portable high pressure cleaner, the entire plant became a target for frequent cleaning; including floors, stairs, catwalks and forklifts. Worker safety was improved and equipment servicing was made more convenient.

*"Customer confidence is our greatest asset"*

Products described hereon are covered by one or more of the following U.S. patents 3558244, 3652188, 3809508, 3920356, 3930756 and 5035580

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*The Pump with "Nine Lives"*

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