



Holes indicate number of cleanings.

OPERATION:

Industries such as furniture manufacturers use large sanding belts to finish and shape their products. These belts are commonly 3" to 50" wide and 6' to 11' long. They cost between \$30 and \$60 and are typically used until "loaded", then discarded.

A special high pressure cleaning system by Chatham Sander Belt Service of Siler City, N.C. provides an economical alternative. These belts can now be cleaned for as little as \$6 to \$8. Typically they are cleaned 4 to 5 times, but some as many as 12 or 15 times.

A special spray bar containing 8 specially machined "0" degree ultra fine nozzles travels across the belt as it rotates at sanding speed over rollers. The high pressure flushes away the grit while the centrifugal action prevents the belt from getting soaked and ruined.

SANDER BELT CLEANING

File No. 161

Section 6

PROBLEM:

Reduce the high cost of replacing dirty sanding belts.

SOLUTION:

Develop an effective cleaning process resulting in less frequent belt replacement and cost reduction.

SPECIFICATIONS:

CAT PUMPS Model	*624
Pressure	3000 PSI
Flow	3 GPM
Temperature	Ambient
Fluid.....	Water
Duty Cycle.....	Intermittent
Drive	Electric

*Alternate CAT PUMP model 550 or 5CP3120 plunger pump.

BENEFITS:

- Belt life significantly increased-average 4 to 5 times.
- Belt replacement costs significantly lowered.
- Frequent cleaning offers smoother operation.

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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