

ACME applications

Another production success story with ACME equipment!



BULLETIN 7806

ACME P-2 "PLANETARY" WIRE-DESCALING MACHINE

an alternative to acid
pickling and shot
blasting methods

All of the best features of Acme Murray-Way's #6 Planetary Abrasive Belt Grinder, widely used throughout the wire industry for the past 15 years, have been included in this new P-2 Planetary Wire-Descaling Machine.

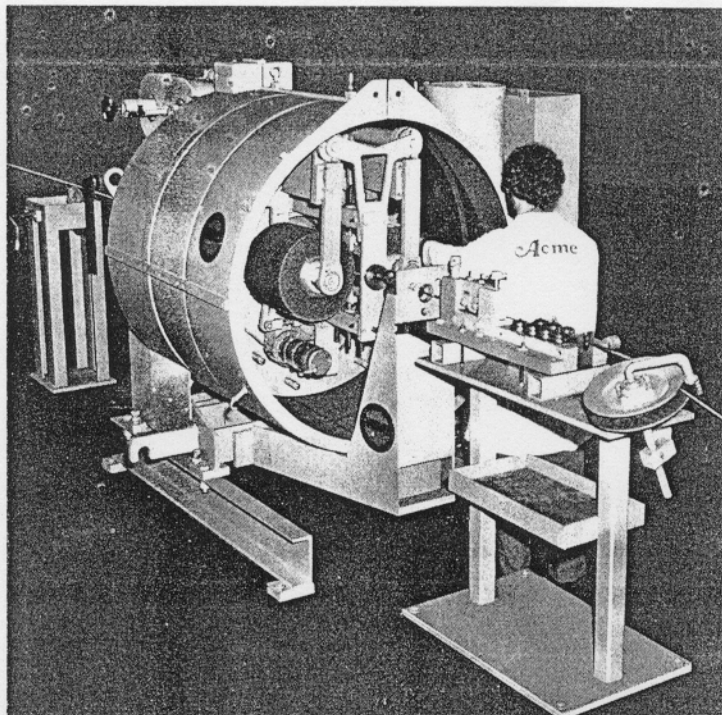
The P-2 machine can be equipped with abrasive wheels, wire brushes or buffing wheels for descaling, oxide removal, deburring, buffing, satin finishing and cleaning of the O.D. surface of wire and tubing stock, 1/4" to 2" in diameter. Continuous wire descaling can be performed at speeds up to 300 FPM, as an alternative method to conventional acid pickling and shot blasting.

The basic P-2 machine employs two 180° opposed descaling/brushing heads which utilize a common 20 HP drive. The entire assembly is mounted within a heavy steel "planetary" turret which revolves around the wire or tubing, propelled by a 5 HP variable speed drive. Each head has a 2-1/4" diameter spindle which is supported by a rigid outboard bearing assembly for maximum horsepower utilization. Maximum wheel size is 12" diameter x 20" wide.

Operation can be wet or dry. A heavy metal enclosure surrounds the entire machine, with a recirculating coolant spray system (including filters and pump) available for wet brushing or a dust collection system for dry finishing.

Special adjustable guide bars can be provided to assure proper alignment of wire and tubing stock, and wheel wear compensation can be manual or automatic. (Other accessory equipment can be provided with the basic planetary lines, including mechanical scale breakers, straighteners, draw blocks, etc.)

Each P-2 machine weighs 6000 lbs. and occupies 6' x 7' of floor space, and several units can be installed in tandem to perform sequential operations or meet higher production requirements.



**Descals 1/4" to 2" dia.
wire, tubing, rod, cable
and pipe.**

