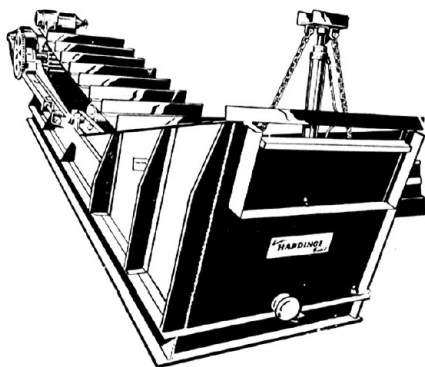


See them working . . .

## AT THE CHEM SHOW

Hardinge will display completely operating scale models of the equipment shown below during the 28th Exposition of Chemical Industries, Coliseum, New York City, Nov. 27-Dec. 1. We welcome you at the Hardinge Booth.



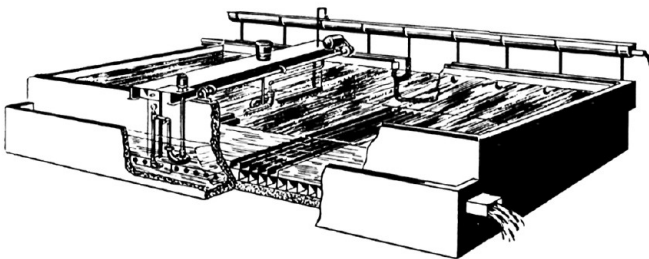
### "OVERDRAIN" CLASSIFIER

A belt-type classifier with "up-wash" action which effectively maintains slimes and sand separation.



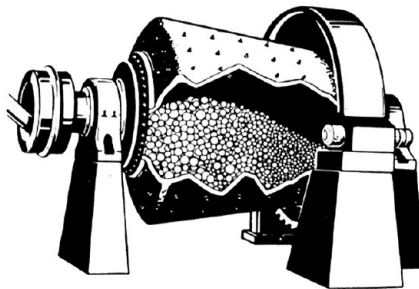
### "AUTO-RAISE" THICKENER

No scraper breakage is possible with "auto-raise" on the job. Watch this mechanism climb over obstructions when you visit our booth.



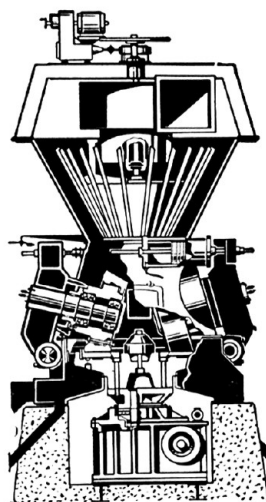
### AUTOMATIC BACKWASH SAND FILTER

No shutdown for backwashing! This unit operates continuously year after year, at peak efficiency.



### TRICONE MILL

A large-volume grinding mill which keeps grinding media where they belong.



### DISC-ROLL MILL

A highly flexible mill for lighter minerals, with built-in "Gyrotor" Classifier.

Hardinge Booth is No. 582 on 2nd floor left of escalators.

American Messer Corp. is offering a variety of gas purification processes for light and inert gases up to propane. Units are applicable to treatment of air, coke-oven gas, crack gas, off-gases, and natural gas. Messer offers design, construction, and engineering service.

The emergence of electrochemical processing makes it mandatory that equipment be reliable as well as versatile. Westinghouse Electric Corp. unveiled their direct air cooled silicon rectifier cubicle with three cells in series rated up to 10,000 amperes at 1000 volts dc. An indirect watercooled unit is rated at about 8000 amperes at 1000 volts.

Trouble-free aeration of liquids and slurries in tanks is the feature of the nonclog diffuser, developed by Eimco. Long-time operation without clogging or requiring maintenance is the big asset.

Bigger and better containers for the hard-to-handle chemicals and reactions are spotlighted by Pfaudler. The first Nucrite Reactor of production size—a 200-gallon, fully agitated, jacketed reactor—makes use of one of the new family of ceramic-metal composites. It resists high temperature corrosive reactions up to 1500° F. The well known Glasteel Reactor is now available in a 500-gallon size with variable speed drive agitation. Ten-day delivery from stock is emphasized. And, the Pfaudlon 301 Reactor—a 300-gallon job—is a fully agitated reactor featuring a plastic coating for corrosive service at 210° F. and below.

Wheelabrator's Impact Mechanical Deflashing process is an entirely new innovation in removing flash from molded rubber products. Very thin sections can be handled and eliminate expensive hand labor buffing, hand tearing, knife and scissor cutting. It is currently being used on products molded from common organic compounds and silicones.

**HARDINGE**  
COMPANY, INCORPORATED

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BIRMINGHAM

An alphabetical list of exhibitors at the 28th Exposition of Chemical Industries follows on page 104 A.