



## PRODUCT BULLETIN

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# Continuous Ball & Rod Mills



16" x 48" Ball/Rod Mill, With Optional Spiral Classifier



Optional Peripheral Discharge Arrangement  
(Cover Removed)

### APPLICATIONS

For use in primary or regrind circuits in mineral, chemical or industrial pilot plants or small commercial applications. Optional peripheral discharge is for coarse grinding with minimum production of fines or slimes. Flexible for wet or dry grinding in open or closed circuit as a rod, ball or pebble mill and as an overflow or peripheral discharge rod mill.

### ADVANTAGES

The continuous grinding mills are designed for 24 hour per day continuous abrasive duty. They offer a great deal of flexibility for pilot plants. For instance, the 16" by 48" sectionalized mill may be operated as:

- A. A rod, ball or pebble mill.
- B. In an open or closed circuit with cyclone or spiral classifier
- C. A wet or dry grinding mill.
- D. An overflow or peripheral discharge mill (Optional).
- E. With length's varying from 16" to 48".
- F. A variable speed range of approximately 68% to 83% of critical speed.

### FEATURES

The continuous ball and rod mills are furnished with replaceable white iron lifter bars and rubber covered steel liners. Gears and pinions are cut tooth and reversible. Heads are cast of high grade ductile iron. Trunnion liners include forward or reverse spirals. Furnished with common structural steel sub-base. Trommel screen, peripheral discharge, combination drum-scoop feeder for spiral classifier closed circuit operation. Support legs are optional.

**Call SEPOR's Technical Sales Department for Your Ball/Rod Mill Applications  
USA and Canada: 800-753-MINE (6463)**