

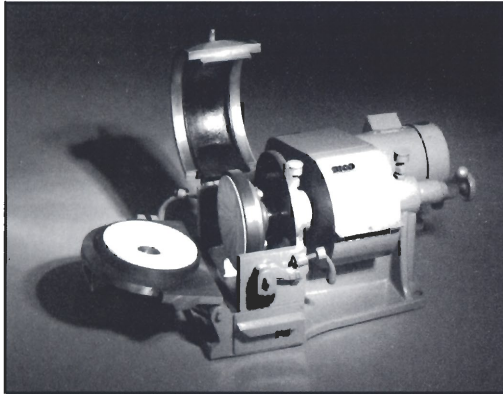
# PULVERIZERS

**DISC PULVERIZERS** are available in V-Belt and Direct Drive models. The UA and UD PULVERIZERS will reduce a 6.35MM (1/4") quartz sample to 150-200 mesh at an approximate rate of 1#/min. The units provide you with an easy, efficient design for cleaning between samples, in addition to being durable and easy to maintain. Replacement grinding plates are available in a variety of materials, including ceramic for contamination free sample prep, and now a power door is available for increased production and ease of operation.

## UA V-BELT PULVERIZER

(Shown with Safety Guards and Motor and optional Ceramic Grinding Plates.)  
Single & Three Phase available

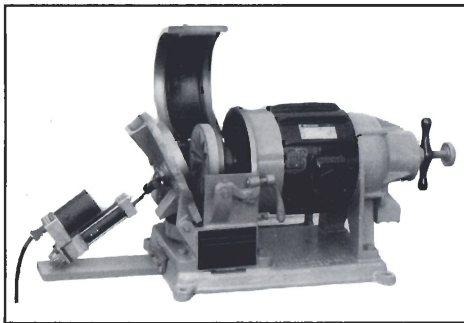
Model 242-53 2HP  
Model 242-54  
w/o Motor



## UD DIRECT DRIVE PULVERIZER

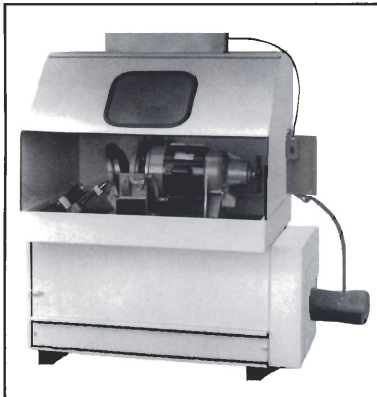
(Shown with optional Ceramic Grinding Plates and Electric Door Opener.)  
Three Phase Only Available

Model 242-67 2HP  
Model 242-67S 3HP  
Model 242-67XS5 5HP



## DUST COLLECTOR

This unit has been specially designed to work with the BICO Pulverizers and Crushers to control nuisance dust in the work place. This unit is a down draft bench designed for controlling heavy dust jobs. No special electrical or duct work is required for this self-contained, portable, cost effective unit.



### STANDARD FEATURES:

- 500-700 FPM Tabletop Air Velocity
- Dust Removal Drawer
- Blower Exhaust Silencer
- Fluorescent Lighting
- Enclosed Top w / Hinged View Panel
- Replaceable 220 sq ft Filter Cartridge
- Inside DIM (W) 50-1/4" x (H) 35" x (D) 36"
- Overall DIM (W) 57" x (H) 60" x (D) 37"

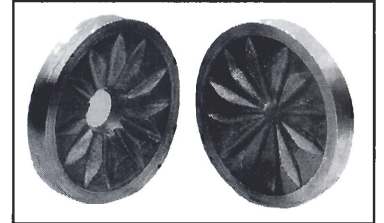
Dust Collector housing the **VD CHIPMUNK CRUSHER & UA PULVERIZER**



## 8" GRINDING PLATES FOR UA & UD PULVERIZERS

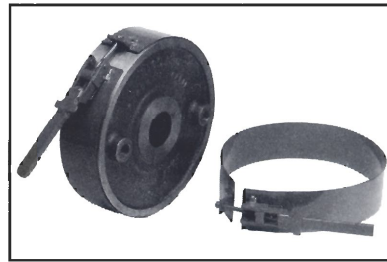
- Plates vary in hardness and composition
- Two plates required for a set, one stationary (with hole) & one revolving

UA 51/52 IRON ALLOY  
UA 94/95 SUPER IRON ALLOY  
UA 85/86 HARDENED IRON  
UA 81/82 LP CARBON STEEL  
UA 2000 CHROME ALLOY STEEL  
UA 83/84 MANGANESE STEEL  
UA 87/88 COAL GRINDING  
UA 92/93X CERAMIC



## Announcing: BICO'S EXCLUSIVE WORLD-WIDE DISTRIBUTORSHIP OF LEAD DOG PRODUCTS

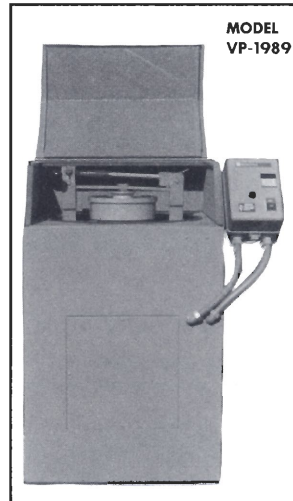
LD 03/04 LEAD DOG SEMI-STEEL PLATES  
Sets Only



## PLATE ALIGNER UA-1000

Designed to assist in plate alignment

## VIBRATORY PULVERIZER



For efficient grinding of production samples. The **VIBRATORY PULVERIZER** (Ring Mill) uses 2 rings and a puck inside a 250 ML (8" diameter) grinding bowl. A specially designed motor, directly coupled to a rotating eccentric, swings the bowl and components at a precise speed and distance for maximum grinding efficiency, thus rapidly reducing a wet or dry sample of minerals, ore, rock, soil or similar material to a final 400+ mesh

### STANDARD FEATURES:

- 1HP 3PH 50/60HZ, 208/220/440V MOTOR (900 RPM)
- 250 ML Grinding Bowl/Lid and Components
- Starting Switch & Timer
- Insulated Cabinet for reduced operating noise
- DIM: 24" x 24" x 43" WT 380 Lbs
- Single Phase now available.

**REPLACEMENT GRINDING BOWL & COMPONENTS** are available in wear resistant chrome alloy steel and tungsten carbide.

VP-45 250 ML Chrome Alloy Grinding Components  
VP-45/50TC 100 GM Tungsten Carbide Grinding Set  
VP-50 250 ML Chrome Alloy Grinding Bowl/Lid  
VP-45/50CA 100 GM Chrome Alloy Grinding Set

