Model 500DG Pulverizer

By HOLMES BROTHERS TECHNOLOGIES, LLC

91-7120-01
Pulverizer, Model 500DG
115v/1ph/60Hz



Holmes Pulverizer Model 500DG has a capacity of 400 grams of coal per minute using a screen with 0.024" diameter perforations and is recommended to pulverize minus-4 mesh coal to minus-60 mesh. Its power requirements are 115 volt, single phase, 60 Hertz, and 15 amp. This machine is available with a standard or an extended feed hopper. It is also available without screens.

Features

- The tinned feed hopper has a vinyl snap-on cover.
- The pulverizing chamber is completely machined and sealed.
- A quick-opening latch provides easy access to the pulverizer and interrupts power to both motors when the door is open.
- The one-piece, dynamically balanced rotor is easily cleaned.
- Screen plates are circles with the loose ends held by two lock pins that extend into the pulverizing chamber. Screen perforation diameters are (in inches) 0.020, 0.024, 0.033, 0.040, 0.0625, and 0.093. Also available are 0.010 X 17/32 inch slots.
- The 390-cubic inch (6390 cm^3) tinned sample cup is spring-loaded against the seal. The hand lever will release the cup.
- The feed auger is chain-driven from an enclosed 1/8 HP, 2.7 amp, 115 volt, single phase, TENV gear motor. The auger speed is about 130 rpm.
- The rotor is mounted on the shaft of a one HP, 115 volt, single phase, 60Hz, 12 amp, permanent magnet, open motor. The speed is about 10,000 rpm.
- A NEMA-1 motor starter has overload protection for each motor. The open-latch sensor cuts the power until the reset (stop) button is actuated.
- Overall Size: 21 ½ or 25”H x 19”W x 19 1/2”D; Shipping Weight 130 lb
- The pulverizer is mounted on four rubber base pads.

Supplied with

- A standard 60-cubic inch (980 cm^3) capacity, tinned, feed hopper or an extended 180 cubic inch (2950 cm^3), tinned, feed hopper.
- Five screen plates (91-7120-03, Holmes Model 500DG-2 is without screens and lock pins.)
- Package of 12 lock pins
- A three-conductor, rubber covered cable with grounding cap for overload protection

Preiser Scientific, Inc.
94 Oliver Street
St. Albans, WV 25177
USA

COAL TESTING EQUIPMENT

ISO 9001 Certified Company
www.preiser.com

Phone: 800-624-8285
Phone: 304-727-2902
FAX: 304-727-2932
E-mail: preiser@preiser.com