



IMPACT PULVERIZER

HIGH SPEED, PRECISION GRINDERS FOR PULVERIZING RESISTANT MATERIALS

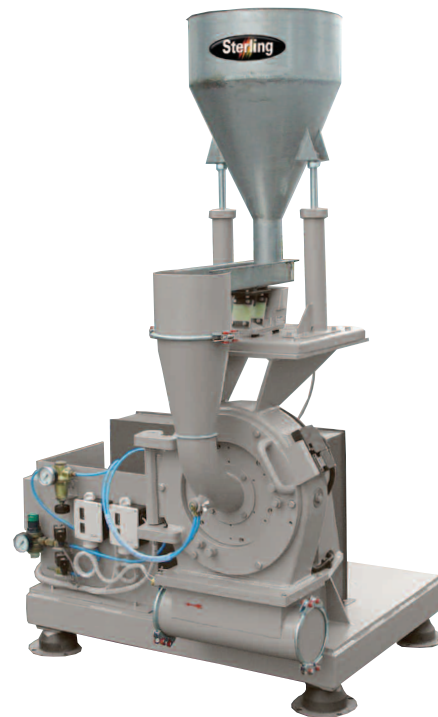
The SPM Series impact pulverizers are designed for medium hard, impact resistant, and friable materials. The gap on the grinding rings can be adjusted to a fineness of less than 1000 mm, using just a feeler gauge. This exact milling gap eliminates the need for a screen.

The pulverizer's two-piece design makes maintenance easier, allowing for the resharpening or replacing of outer discs without dismantling the machine. Our pulverizers also use the newest bearing technology, which eliminates the need for counter-rotation and the two associates drive motors. Less mechanical work means higher speeds with low power and higher throughputs.

The small grinding chamber cross section, combined with the almost flat disc and the vertical positioning, eliminates temperature surges and increases throughput because material is immediately caught and reduced as soon as it enters the grinding chamber. Our pulverizers eliminate unnecessary dwell time, increasing efficiency and adding value to your operation.

Features

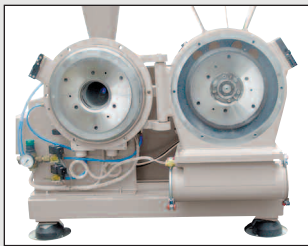
- High speed precision pulverizing of medium-hard, impact resistant and friable materials
- Grinding rings allow gap adjustment to a fineness of less than 1000 mm without a screen
- Grinding rings can be resharpened several times
- Up to 2500 lbs./hr
- High peripheral speeds and highly effective crushing ensure low drive power and high throughputs
- Small grinding chamber cross section
- Vertical grinding discs
- Two-piece design reduces maintenance time
- New bearing technology eliminates the need for counter rotation and extra drive motors
- Integrated temperature control system to control high temperatures in the grinding chamber



SPM SERIES



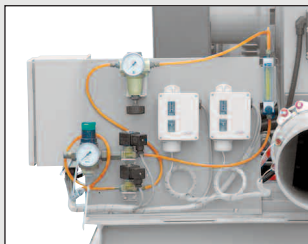
Specifications			
Model	SPM 300	SPM 500	SPM 800
Diameter of discs in. (mm)	11.8 (300)	19.6 (500)	31.5 (800)
Drive capacity hp (kW)	30 (22)	75 (55)	120 (90)
Approximate weight lbs (kg)	2645 (1200)	4188 (1900)	7054 (3200)
Approximate throughput lbs/hr (kg/hr)	110-1300 (50-600)	220-3300 (100-1500)	330-4400 (150-2000)



The two piece design allow the outer rings to be removed and replaced without removing the inner rings, which experience significantly less wear



Our special bearings permit the highest speeds, eliminating the need for counter-rotation and extra drive motors



Material is caught and reduced immediately after entering the grinding chamber, increasing throughput and eliminating temperature surges



Sterling New Berlin
2900 S 160th Street
New Berlin, WI 53151 USA
Tel: +1 262 641 8610
Fax: +1 262 641 8653
www.sterlco.com

Sterling Schaumburg
1100 E Woodfield Rd #550
Schaumburg, IL 60173 USA
Tel: +1 847 273 7700
Fax: +1 847 273 7804

Sterling Warsaw
ul.Dziakowa 115
02-234 Warszawa
Tel: +48 22 390 9720
Fax: +48 22 390 9724

Sterling India
Gat No. 191/1, Sandbhor Complex,
Mhalunge, Chakan, Tal Khed,
Dist. Pune 410501, India
Tel: +91 21 35329112
Fax: +91 20 40147576

Sterling Suzhou
109 Xingpu Road SIP
Suzhou, China 215126
Tel: +86 512 8717 1919
Fax: +86 512 8717 1916

