

# Roll Crusher VWR 250.3x1500



# ROLL CRUSHER

## VWR 250.3

**Designed to grind brittle to hard products to a narrow particle size distribution with minimal dust content the 250.3 series of one- two- and three-stage roller mills offers**

- a continuous gap monitoring and adjustment system (patented)
- high throughput
- dust-tight design
- minimal mechanical impact and temperature increase of product
- efficient energy initialisation
- low space requirement
- high durability of rolls
- easy access to all machine components
- easy roll exchange, low maintenance effort

### Model

- ZWR 250.3 - one stage
- VWR 250.3 - two stage
- SWR 250.3 - three stage

(roll Ø: 250 mm; roll length: 1.500 mm)

### Design

- modular construction
- vibration poor

### Options

- Product specific feed units
  - vibration type
  - dual type
- stainless steel for product touching parts
- aspiration connections
- temperature monitored roll bearings
- automatic roll bearing lubrication
- vibration monitoring
- potential compensation against static charges
- product specific roll materials and corrugations
- water cooled rolls
- inertization of the grinding chamber drive Power: 22 kW bis 30 kW

### Features

- Automatic gap control during the operation of the machine including
  - zero gap adjustment of the roll gap
  - automatic opening of the roll gap to
  - working width
  - roll wear compensation
  - adjustment of the rolls for parallelity
  - compensation of roll expansion due to thermal influences
- Optimal roll protection against foreign particles includes in the feed-stock
- Direct roll drive via universal shaft and spur gear
- Infinitely variable rpm
- Dust-tight grinding chamber
- Sampling sockets in each passage

### Bauermeister

6060 Primacy Parkway | Suite 251 | Memphis, TN 38119 | USA

**P** +1 901 363 0921 **F** +1 901 794 9679

info.hdm-usa@h-d-m.com | www.BauermeisterUSA.com

