

# Roll Crusher - 250.1

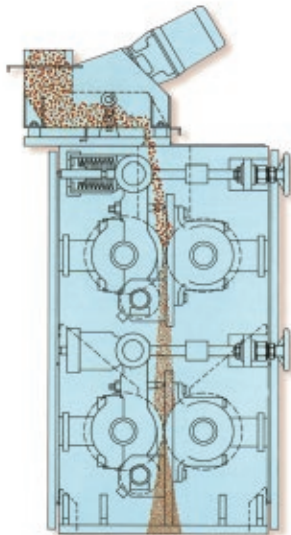


## Overview

For crushing a variety of soft to medium-hard products, the 250.1 Roll Crusher offers high throughput with narrow particle size distribution.

The creation of undesirable fine particles is reduced by subjecting the product to a combined shearing and pressing action. The narrow particle size distribution is achieved by controlling a combination of variables including roll speed, roll gap, differential speed, feed rate and roll surface design.

The 250.1 features a welded, dust-tight machine housing with smooth inside surfaces. Compact, rugged and easy-to-use, the 250.1 Roll Crusher is especially suitable for the cracking of oilseeds, deagglomeration and size reduction for the processing of chemicals, pharmaceuticals, plastics and food products.



## Key Features

- Compact design.
- Can be equipped with smooth, corrugated or custom designed rolls for multi-application use.
- Various roll corrugations, adjustable gaps and differential speeds produce a variety of particle size distributions.
- Quick and easy roll changes simplify maintenance.
- Easy access sampling ports.
- Electromagnetic vibrating feeder distributes material across the entire length of the rolls to provide consistent feeding.
- Safety stops and cup springs are designed to prevent roll damage from foreign objects when passing through the roll gap.

## Options

- Connection for aspirating the crushing chamber.
- Rolls designed as cooling rolls.
- Stainless steel design available.
- Roll feeder for different products.



*Front View - Easy Access Sampling Ports.*



*Drive Side - Without Motors.*



*Rear View - With Access Doors Open.*



*Crushing Chamber With Corrugated Roll.*



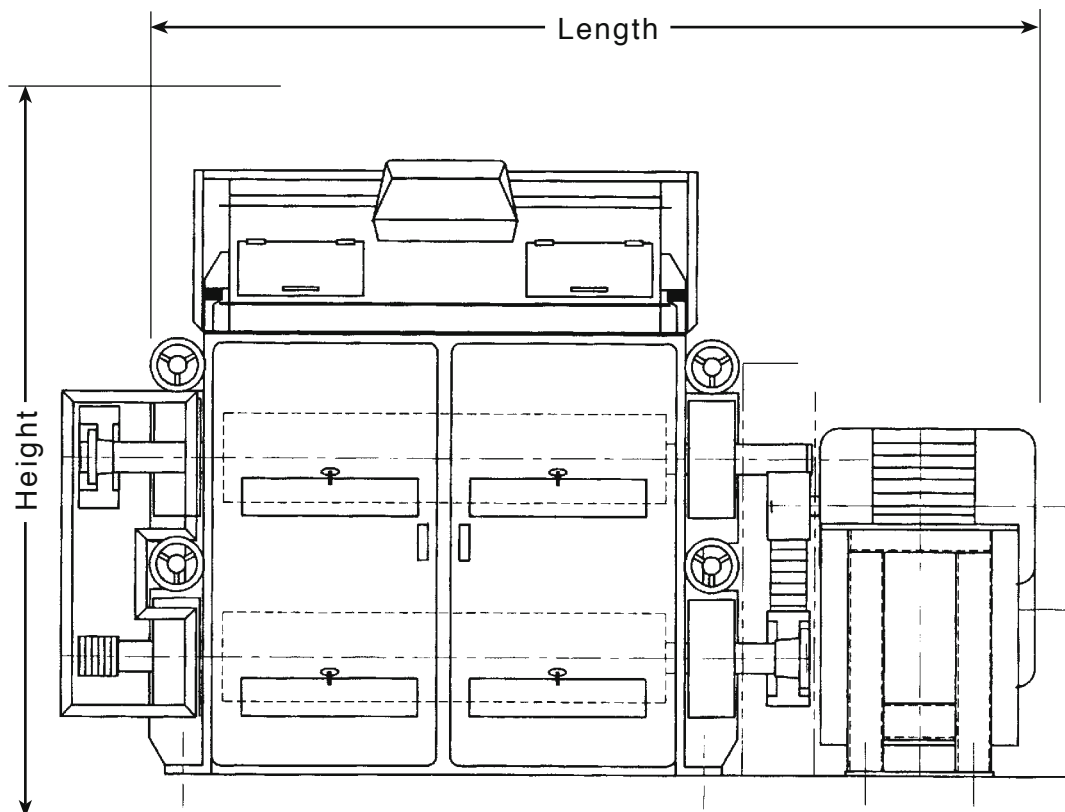
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## Technical Data

• Available in 2-roller & 4-roller configurations

TYPE	NO. OF ROLLS	ROLL DIA. (mm)	ROLL LENGTH (mm)	DIMENSIONS (in)			MOTOR (HP)	WEIGHT (lbs)
				LENGTH	WIDTH	HEIGHT		
ZWR 250.1 x 500	2	250	500	54	33	40	1 x 10	3,000
ZWR 250.1 x 1000	2	250	1,000	73	33	40	1 x 20	4,180
ZWR 250.1 x 1250	2	250	1,250	83	33	40	1 x 30	5,060
VWR 250.1 x 500	4	250	500	54	33	66	2 x 10	5,500
VWR 250.1 x 1000	4	250	1,000	73	33	66	2 x 20	7,260
VWR 250.1 x 1250	4	250	1,250	83	33	66	2 x 30	9,020

Single drive available on VWR Models.



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