



Roll Crushers



Jaw Crushers



Rotary Crushers



Sample Grinders



Hammermills



## JAW CRUSHERS

Sturtevant Jaw Crushers are unsurpassed in coarse and intermediate crushing. Even very hard materials can be reduced for further processing.

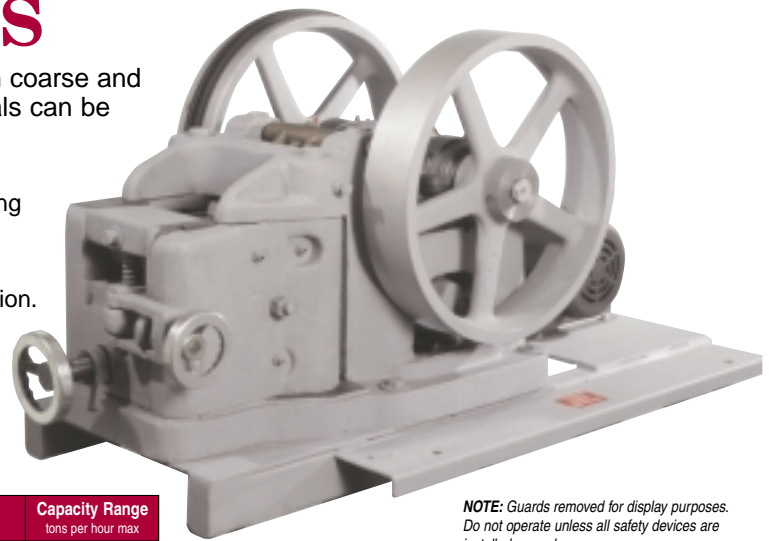
### FEATURES

- Materials reduced by compression and shear between jaw plates.
- Heavy-duty, cast-iron construction; decades of dependable service.
- Easy access to wear areas for inspection and maintenance.
- Product size adjustable during operation.
- Minimal fines production.
- Efficient, non-choking operation.
- Up to 8:1 material reduction ratio.

### APPLICATIONS

- Aggregates, Ceramics, Minerals, Sintered Metals

Model	H.P.	Length	Width	Height	Weight	Feed Opening	Product Size	Capacity Range tons per hour max
2 x 6	1	34"	22"	22"	1,000 lbs	2" x 6"	½" - ¾"	800 lbs - 1
4 x 8	3	46"	39"	35"	3,000 lbs	4" x 8"	¼" - 1"	1 - 3
8 x 10	10	61"	39"	40"	4,000 lbs	8" x 10"	½" - 2½"	3 - 10



*NOTE: Guards removed for display purposes. Do not operate unless all safety devices are installed properly.*



## ROLL CRUSHERS

Sturtevant Roll Crushers are designed for controlled reduction of friable materials to granules where fines are undesirable.

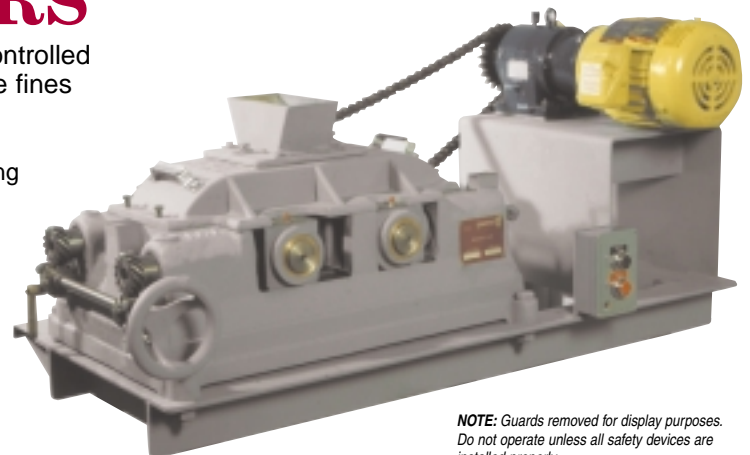
### FEATURES

- Heavy-duty, cast-iron construction.
- Materials reduced by compression between opposing rolls.
- Uniform granular product with minimal fines.
- Hardened rolls for low wear.
- Product size adjustable during operation.
- Spring cushioned rolls and bearings.
- Up to 4:1 material reduction ratio.

### APPLICATIONS

- Aggregates, Minerals, Ceramics, Chemicals, Sintered Metals

Model	H.P.	Length	Width	Height	Weight	Feed Size	Product Size	Capacity Range tons per hour max
8 x 5	2	33"	29"	22"	700 lbs	¾"	½" - 20 mesh	¼ - 2
12 x 12	5	48"	56"	38"	3,500 lbs	¾"	¾" - 20 mesh	1 - 7
20 x 14	(2) 10	84"	80"	40"	11,200 lbs	1 ½"	¾" - ½"	5 - 44
30 x 16	(2) 15	102"	102"	74"	22,250 lbs	2 ½"	1½" - ¼"	17 - 76



*NOTE: Guards removed for display purposes. Do not operate unless all safety devices are installed properly.*



# ROTARY CRUSHERS

**Sturtevant Rotary Crushers** offer fine or coarse crushing capabilities for soft and moderately hard materials.

## FEATURES

- Materials reduced by shear between rotating grinding nuts and case wall liner.
- Creates uniform granular product.
- Capable of large capacities.
- Heavy-duty, cast-iron construction.
- Easy access to wear areas for inspection and maintenance.
- Product fineness adjustable during operation.
- Ni-Hard grinding elements available for abrasive materials.



## APPLICATIONS

- Coal, Gypsum, Limestone, Salt, Coke, Chemicals

Model	H.P.	Length	Width	Height	Weight	Feed Opening	Product Size	Capacity Range tons per hour max
00	3	53"	29"	41"	1,275 lbs	6" x 18"	¼" - ½"	1 - 1½
1	10	76"	45"	60"	4,400 lbs	6" x 19"	¼" - ¾"	2 - 4
1½	20	87"	52"	75"	5,800 lbs	10" x 28"	¼" - 1"	5 - 7
2	25	104"	65"	88"	9,700 lbs	19" x 30"	¼" - 1¼"	8 - 10



# HAMMERMILLS

**Sturtevant Hammermills** provide excellent general size reduction for virtually any dry friable material.

## FEATURES

- Material reduced by impact from swinging bar hammers.
- Product size controlled by grates or screen sizes.
- Materials reduced to granular powder at high rate.
- Heavy-duty, cast-iron construction.
- Easy access for maintenance and screen change.



## APPLICATIONS

- Ceramics, Mineral, Limestone, Glass recycling, Electronics recycling

Model	H.P.	Length	Width	Height	Weight	Feed Opening	Product Size	Capacity Range tons per hour max
5	5	23"	28"	17"	500 lbs	5" x 4"	50 mesh - ¼"	½ - 1½
10	10	29"	36"	23"	1,140 lbs	11" x 10"	50 mesh - ¼"	1 - 6

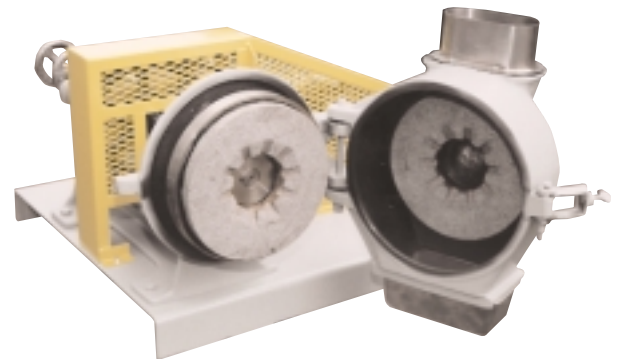


# SAMPLE GRINDERS

**Sturtevant Sample Grinders** offer fine grinding for dry, friable materials.

## FEATURES

- Product fineness adjustable during operation.
- Uniform product size assured by spring-loaded grinding discs.
- Heavy-duty, cast iron construction.
- Various grinding disc materials available.
- Easy access to wear area for inspection and maintenance.



## APPLICATIONS

- Chemicals, Ceramics, Minerals, Glass

Model	H.P.	Length	Width	Height	Weight	Feed Size	Product Size	Capacity Range tons per hour max	Plate Diameter
0	2	29"	28"	13"	150 lbs	¼"	20 - 100 mesh	50 - 200	6"
2	3	37"	33"	19"	275 lbs	¼"	20 - 100 mesh	100 - 400	10"
3	5	38"	36"	21"	450 lbs	¼"	20 - 100 mesh	200 - 800	14"