



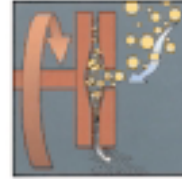
Roll Crushers



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.

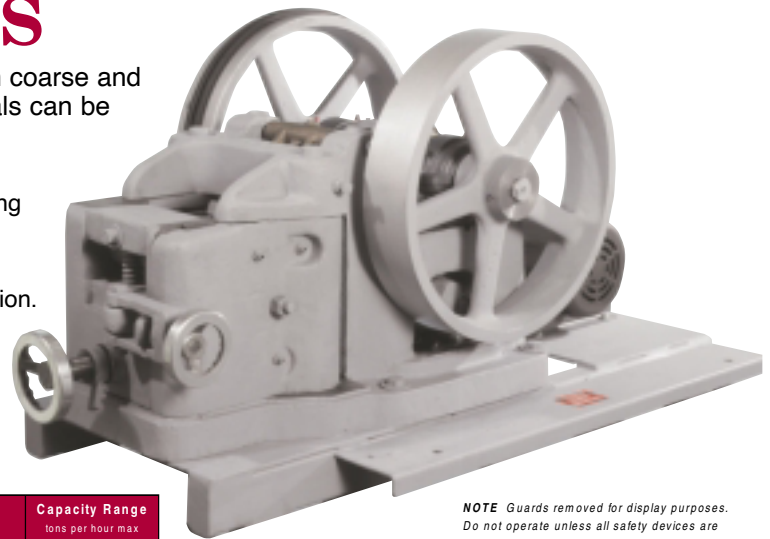
FEATURES

- 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.

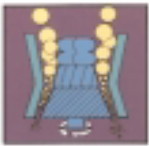
APPLICATIONS

- 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

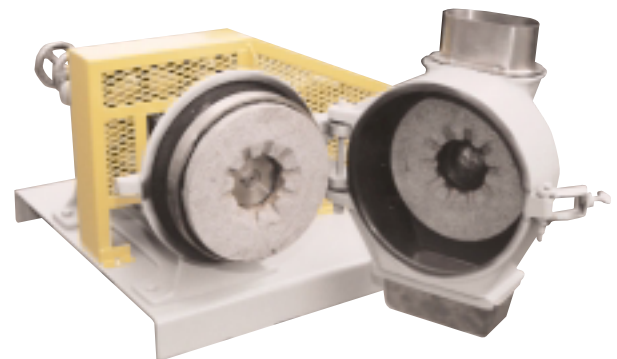


SAMPLE GRINDERS

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"