



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.

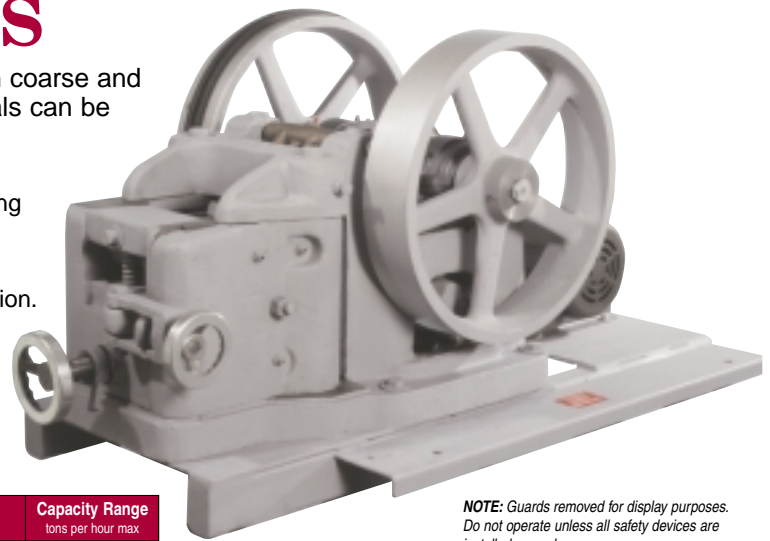
### FEATURES

- 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<br>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.

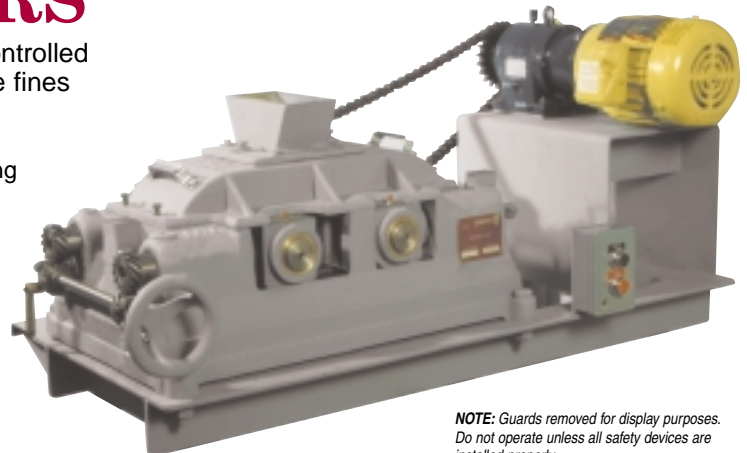
### FEATURES

- 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<br>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<br>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<br>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                               |

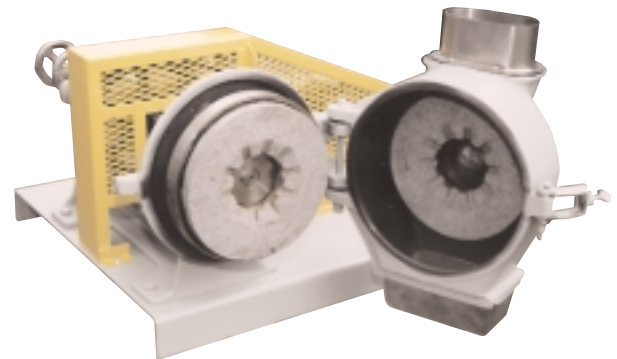


# SAMPLE GRINDERS

**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<br>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"            |