

Model 18-7-301  
Circ-U-Flow Hammer Mill

## Model 18-7-301 Circ-U-Flow Hammer Mill

The model 18-7-301 Circ-U-Flow is a high speed full circle screen hammer mill ideal for pilot scale or full industrial processing of a wide variety of products. The nearly full circle screen coverage of the rotor translates to a large open area and thus the highest possible production rates on materials that do not require initial grinding against a breaker plate. Optional fully integrated pneumatic evacuation system substantially increases throughput and keeps work environment clean and dust free. The Model 18-7-301 is ideal for processing herbs, spices, roots, wood shavings, and a wide variety of agricultural products to the exact desired finished particle size.

### Applications:

- Alfalfa
- Barley
- Corn
- Oats
- Planer shavings
- Rye
- Sawdust
- Sorghum
- Soybeans
- Spices
- Straw
- Wheat
- And more

### End Products/Uses:

- Agricultural products
- Animal feed
- Boiler fuel
- Cellulosic ethanol
- Herbs and spices
- Pellets and briquettes
- Sizing for packaging

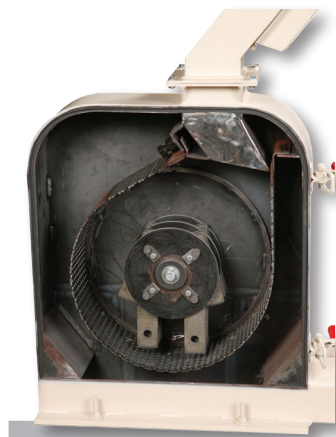
# Model 18-7-301 Circ-U-Flow Hammer Mill

## Technical Specifications

Model	Housing	Shaft Diameter	Rotor Width	Rotor Diameter	Bearing Size	Power Range	Screen Area	Tip Speed
18-7-301	1/4" (6mm)	1 7/8" (50mm)	7" (180mm)	18" (460mm)	2 3/16" (60mm)	10-30 hp (7-20 kW)	385 sq inches (980 sq cm)	16900



Model 18-7-301 with optional integrated pneumatic discharge system.



300 degree screen coverage of rotor results in the highest possible throughput per horsepower.

### Key Features:

- Pilot scale, 7" (180mm) width
- 10-30 hp motor
- High speed (3600 RPM), 18" (460mm) diameter rotor allows for high tip speed
- Dual directional rotor
- Hinged door with built-in screen support for easy access, cleaning and maintenance
- Custom built feed chute, discharge chute, and support stand designed to meet your specific feeding and collecting needs
- Optional easy to clean magnet