

# Model 5503

**Model 5503 Scrap Chopper >>**  
**Machine of Choice**  
**Built in the USA**



The Model 5503 is shown with an optional stand. Sweed Machinery offers a number of stand/container options.

To meet the needs of operations that generate large volumes of wider metal, plastic, and fiberglass, Sweed has developed the Model 5503 rotating impact shear. This unit has the same quality features offered on other Sweed choppers: a fast efficient feed rate; an air cylinder-actuated feedworks with safety-detent foot switch; and heavy steel plate construction. The 5503 Series line of Choppers is designed to accommodate higher volume applications for years without serious maintenance.

## MATERIAL REFERENCE

The following are materials commonly processed through the Model 5503. Please contact a Sweed Representative to determine if the Model 5503 will fit your application.

- High Tensile Bale Wire
- Tube and Pipe
- Solid Aluminum or Copper bar
- Aluminum Cable Steel-Reinforced (ACSR)

## PERFORMANCE DATA

- Main Drive Motor ..... 7 1/2 HP
- Infeed Motor ..... 2 HP
- Infeed Speed ..... 90 fpm
- Cut Length ..... 4 3/4"
- Number of Rotating Knives ..... 1
- Number of Stationary Knives ..... 1

## DIMENSIONAL DATA

- Infeed Opening ..... 6 5/8" x 1 5/8"
- Overall ..... 36" x 54" x 40"
- Weight ..... 2875 lbs.

## STANDARD ELECTRICAL OPTIONS

- 3-Phase - 230 volt - 60 Hz - 45 amp
- 3-Phase - 460 volt - 60 Hz - 25 amp

The Model 5503 is NOT standard with a power supply cord. Sweed can quote a power supply cord and plug to meet your electrical specifications. Please specify your electrical requirements at time of order. Voltages other than the standard above, are subject to a rewind charge.

Sweed choppers are not limited to the applications listed on this page. Contact Sweed to determine if your similar applications or situations can be productively handled by a Sweed Scrap Chopper. We also reserve the right to change specifications without notice and without obligation to install them on units.

## HOW IT WORKS

Introduce the material into the infeed funnel. The feedworks (pinch rolls) will then grab the material and pull it into rotating knife path. The feedworks will continue to pull at a rate of 90 feet per minute until the material is consumed or the operator releases the air-activated feedworks via the foot switch.

## CONSTRUCTION FEATURES

- Footswitch controlled feedworks release.
- Infeed funnel with "Anti-Kickback" flap
- Knives can be rotated (4 times) for extended life
- Lincoln TEFC motor
- Full one year warranty

## AIR REQUIREMENTS

- 2 cfm 60 psi

## Maximum Cutting Capacities

Material Width	Thickness Width
3 1/2"	.12"
4"	.11"
4 1/2"	.11"
5"	.10"
5 1/2"	.10"
6"	.09"
6 1/2"	.09"

Tensile strength up to 145 ksi

## SAFETY • RECYCLING • HOUSEKEEPING



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