



MODEL 513

SCRAP CHOPPER

Reliable & Affordable Production

The Model 513 is a reliable performer for larger volumes of tough scrap materials. The thick, durable steel plate housing prepares this unit for an abusive scrap chopping environment.

The wide infeed makes this unit operational friendly; allowing for easy feeding of material. The Model 513 scrap chopper can be customized for inline automated production applications, and also has a variety of customizable options to meet specific scrap processing needs. The Model 513 is designed to fit on a Sweed stand that will accommodate a Sweed EZ Dump Hopper. **Custom stands and additional safety upgrades are also available.**

Material Reference

The recommended model of scrap chopper is determined by scrap size, scrap volume, and requested custom features. The following are materials commonly processed through the 513. Please consult a Sweed representative to determine the appropriate scrap chopper for your application.

- » Up to 1 ¼" x .046" domestic steel banding with clip
- » Up to 1 ¼" x .046" band saw blades
- » Various mild steel, aluminum, brass and copper bars
- » Slitter trim
- » Tubing
- » Extrusions
- » Light-Weight Cable
- » High-tensile bale wire



CONSTRUCTION FEATURES

- » CE version available
- » Magnetic starter
- » V4 knives to handle tough scrap metals
- » Easy to reach "Feedworks Release" hand lever
- » Infeed restrictor plate for safety
- » Both feedrolls are driven to improve feeding efficiency
- » Knives have 4 usable edges and can be rotated (3 times) for extended life
- » Hinged front guard allows for easy routine maintenance
- » Made and supported in the USA
- » One year warranty



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PRODUCT SPECIFICATIONS

PERFORMANCE DATA

Electric Motor	2 HP
Infeed Speed	90 FPM
Cut Length	3 1/4"
Infeed Opening	7 3/4" x 1 1/4"
Overall Dimensions	48" x 29" x 23"
Electrical Options	» 1-Phase 240/Volt – 60 Hz – 12 amps » 3-Phase 230/Volt – 60Hz – 6.8 amps » 3-Phase 460/Volt – 60Hz – 3.4 amps
Machine Weight	1,000 lbs
Shipping Weight	1,085 lbs
Number of Stationary Knives	1
Number of Rotating Knives	1, 2, 3, or 4
Air Requirements	2 CFM 60 psi

The Model 513 does NOT come standard with a power supply cord. Sweed can quote a power supply cord to meet your electrical specification. Non-standard voltages are subject to an additional charge. Sweed recommends using a 20-amp dedicated circuit for the Model 513 (single-phase 240 volt).

Additional Safety Upgrades

- » Custom Infeed Funnels
- » Safety Switches
- » Foot Kill Switch Feedworks Control
- » Brake Motor
- » Safety Exhaust Spillway Chute
- » Machine in Use Light Indicator
- » Wash-Down Motor & Electrical
- » Momentary Foot Switch Pedal
- » Sound Dampening
- » Auto Starts & Stops
- » Timed Stops

Upgrades for Special Applications

- » Split Infeed
- » Permanent Magnetic Clutch
- » Magnetic Particle Clutch
- » Frequency Drive
- » Custom and Variable Infeed Rates
- » Separate Feedworks Motor (1.5 or 2 HP)
- » No Feedworks
- » Dual, Tri and Quad Knife Flywheels
- » Inverter Duty Motor
- » Robotic Interface
- » Slitter Version

Performance Upgrades

- » Knife Mist System

Optional Stands

- » Hopper Stand
- » Custom Stand

Optional Containers

- » 1/2 Yard EZ Dump Hopper