



MODEL 510 XHD SCRAP CHOPPER

Dependable Scrap Chopper for Processing High Volumes of Scrap Metals

The Model 510 XHD has been the scrap chopper of choice for high-volume conversion of scrap metals for decades.

This scrap chopper unit provides a robust cutting capacity that allows it to process tough scrap materials quickly and reliably, shift-after-shift. The Model 510 XHD 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 510 XHD is designed to fit on a Sweed stand that will accommodate a Sweed EZ Dump Hopper or Gaylord container. **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 510 XHD. Please consult a Sweed representative to determine the appropriate scrap chopper for your application.

- » Up to 1 1/4" x .046" domestic steel banding with clip
- » Up to 1 1/4" x .046" band saw blades
- » Various mild steel, aluminum, brass and copper bars
- » Slitter trim
- » Tubing
- » Extrusions



CONSTRUCTION FEATURES

- » CE version available
- » 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



MODEL 510 XHD

PRODUCT SPECIFICATIONS

PERFORMANCE DATA

Electric Motor	1 ½ HP
Electrical Options	» 1-Phase 240/Volt – 60 Hz – 8 amps » 3-Phase 230/Volt – 60Hz – 6 amps » 3-Phase 460/Volt – 60Hz – 3 amps
Infeed Speed	90 FPM
Cut Length	3 ½"
Infeed Opening	2 ¼" x ¾"
Number of Stationary Knives	1
Number of Rotating Knives	1, 2, 3, or 4
Overall Dimensions	23" x 29" x 29"
Machine Weight	740 lbs
Shipping Weight	825 lbs

The Model 510 does NOT come standard with a power supply cord. Sweed can quote a power supply cord to meet your electrical specifications. Non-standard voltages are subject to an additional charge. Sweed recommends using a 20-amp dedicated circuit for the Model 510 (single-phase 120/240 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
- » Magnetic Starter
- » Permanent Magnetic Clutch
- » Magnetic Particle Clutch
- » Frequency Drive
- » V4 Knives to handle tough scrap metals
- » Custom and Variable Infeed Rates
- » Separate Feedworks Motor (1.5 or 2 HP)
- » No Feedworks
- » Gas Powered Motor
- » Dual, Tri and Quad Knife Flywheels
- » Inverter Duty Motor
- » Robotic Interface
- » Slitter Version

Performance Upgrades

- » Knife Mist System

Optional Stands

- » Hopper Stand
- » Gaylord Stand

Optional Containers

- » ½ Yard EZ Dump Hopper