

# 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 1¼" x .046" domestic steel banding with clip
- » Up to 1¼" x .046" band saw blades
- » Various mild steel, aluminum, brass and copper bars
- » Slitter trim
- » Tubing
- » Extrusions



### CONSTRUCTION FEATURES

- » CE approved
- » V4 knives to handle tough scrap metals
- » Easy to reach "Feedworks Release" hand lever
- » Infeed funnel with "Anti-Kickback" flap
- » Both feedrolls are driven to improve feeding efficiency
- » Knives 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

# SPECIFICATIONS

## PERFORMANCE DATA

<b>Electric Motor</b>	1 ½ HP
<b>Electrical Options</b>	» 1-Phase 240/Volt – 60 Hz – 8 amps » 3-Phase 230/Volt – 60Hz – 6 amps » 3-Phase 460/Volt – 60Hz – 3 amps
<b>Infeed Speed</b>	90 FPM
<b>Cut Length</b>	3 ½”
<b>Infeed Opening</b>	2 ¼” x ¾”
<b>Number of Stationary Knives</b>	1
<b>Number of Rotating Knives</b>	1, 2, 3, or 4
<b>Overall Dimensions</b>	23” x 29” x 29”
<b>Machine Weight</b>	565 lbs
<b>Shipping Weight</b>	650 lbs

The Model 510 XHD 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 Proofing
- » Auto Starts & Stops
- » Timed Stops

### Upgrades for Special Applications

- » Split Infeed
- » Magnetic Starter
- » Permanent Magnetic Clutch
- » Magnetic Particle Clutch
- » Frequency Drive
- » 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