

**Toll Free:** 1-800-888-1352

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# SWEED ADVANCED PROTECTION SYSTEM



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Designed with Additional Features Providing Maximum Protection for the Operator

**SWEED's Advanced Protection (SAP) System is designed for maximum operator protection.**

The SAP System is designed to accommodate SWEED scrap chopper models 450 DDX through the 517 XHD. The enclosed stand the scrap chopper sits on is connected to the chopper's power, allowing the scrap chopper to only be operated when the door to the SAP System is closed.

A light on the electrical panel signals the operator when the scrap chopper can be fed, when the chopper's flywheel is coasting to a stop, and when the stand can be opened. In the event of an emergency, the 3-way E-stop wire around the top of the SAP System allows the operator to immediately cut the power to the scrap chopper which instantly stops the flywheel from rotating, and disables the door to the stand until the system has been reset.

Additional add-ons such as SWEED's two-push-button station and infeed tray can also be included for hands-free feeding, keeping the operator away from sharp scrap materials being processed through the chopper.



*The SAP System is shown with SWEED's ½ yard EZ Dump Hopper and Model 517 XHD scrap chopper. Both sold separately.*

## CONSTRUCTION FEATURES

- » Fully enclosed
- » Locking door
- » 3-way E-Stop
- » Instant flywheel stop
- » Suitable for SWEED Scrap Chopper models 450 DDX - 517 XHD
- » Made and supported in the USA
- » One year limited warranty
- » Safety features may be added or removed depending on safety requirements

### SWEED

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Learn more about SWEED Solutions at  
[www.sweed.com](http://www.sweed.com)

## ADVANCED PROTECTION SYSTEM **PRODUCT SPECIFICATIONS**

### PERFORMANCE DATA

<b>Outside Dimensions</b>	70" L x 50.5" W x 50" H*
<b>Inside Dimensions</b>	59" L x 46" W x 39.5" H*
<b>SAP System Weight</b>	870 lbs**
<b>Air Pressure Required</b>	60 PSI, 2 SCFM supply (minimum)

*\*Standard size to fit a SWEED ½ yard hopper. Dimensions can be customized depending on container being used.*

*\*\*System weight for self-dumping hopper version. Other versions vary depending on customizations.*

## ADDITIONAL **PROTECTION UPGRADES**

### **EXTENDED INFEEED TRAY**

The optional infeed tray creates an added layer of operator protection. This tray can be customized to fit most scrap applications and allows the operator to stage the scrap for feeding. The extended infeed tray is exceptionally beneficial for protecting the operator from sharp or flimsy scrap that requires a hands-off feeding approach to keep the operator safe from hazardous material being processed through the scrap chopper.



### **TWO-BUTTON PUSH START**

The two-button push-start add-on for the SAP system dramatically increases operator protection even further. The two-button push-start allows users to place the push-button tower outside their designated caution zone and requires the operator to press and hold both buttons simultaneously to engage the chopper. When the two-button push start is combined with the SAP system and the extended infeed tray, the chopper operator maintains the ultimate level of protection available for scrap chopper units.

