# MSS L-VIS™

## HIGH RESOLUTION COLOR AND SHAPE SORTING SYSTEM



### High-Resolution Color and Shape Sorting System

Recent upgrades to both hardware and software of the L-VIS® high-resolution camera sorting system further improve the accuracy of color and shape separation of small particles.

The most successful applications include extracting high-value commodities from electronic waste, such as circuit boards and copper wires, or sorting shredded or granulated plastics by color.

### WireHawk™

The patented WireHawk™ software algorithm is specifically designed for electronic and metal scrap applications.

WireHawk™ provides customers with increased recovery rates for even the thinnest wires, resulting in higher returns for high-value commodities.

The combination of both WireHawk™ and ColorMask™ technologies opens the L-VIS® platform up to many other applications.

### ColorMask™

ColorMask™ is MSS's proprietary illuminated reference technology. The most recent design update features improved sorting accuracy for materials with difficult colors and weak contrast, such as dark green circuit boards and black insulated wires.

The L-VIS® analyzes materials in flight over the ColorMask™ illuminated reference, which is adjustable in color and light intensity, for maximum contrast and accuracy.
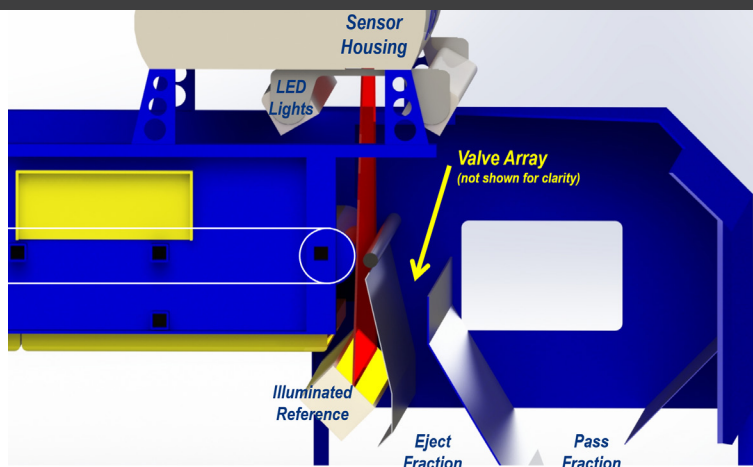
# MSS L-VIS™

## HIGH RESOLUTION COLOR AND SHAPE SORTING SYSTEM

Sensor Housing

LED Lights

Valve Array
(not shown for clarity)

Illuminated Reference

Eject Fraction

Pass Fraction

## Machine Specifications

- Machine width: . . . . .   800–2000 mm
                              (32–80 in)
- Efficiency* . . . . . . . . . . . . . Up to 98%
- Electricity . . . . . . . . . . . . . . . . .5–8kW
- Compressed air. . . . . .100 psi / 7 bar

CAPACITIES:
- E-scrap* . . . . . . . . . . .0.5–3.0 tons/hr
- Metal scrap*. . . . . . .2.5–8.0 tons/hr
- Plastic flake*. . . . . . .1.0–2.5 tons/hr

\*  *Actual throughput and performance depends on a number of factors including, but not limited to, input material composition, particle size, bulk density and % of targeted materials.*

## Features

- In flight detection over **ColorMask™** illuminated reference
- Increased recovery of electronic and metal scrap with **WireHawk™**
- Single-eject configuration
- Color touchscreen with remote Ethernet access
- Language selection
- Change recipes by the touch of a button
- Continuous automated internal calibration
- Software license never expires

## Applications

- Electronic Scrap
- Metal Scrap
- Plastic Flake + Pellets
- Color/shape sorting and other small particles

## Upgrades

- All-metal detector
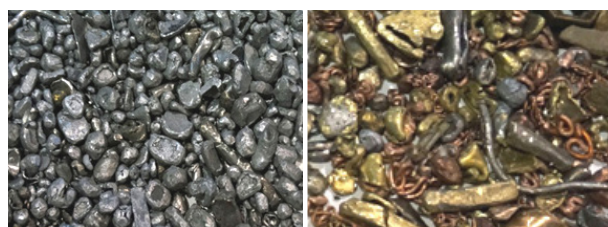- Split Configuration
- Statistics/QC reports

## MetalMiner™ Sorting Applications

Copper Wire from ECS Fines

Brass + Copper from Aluminum

## SIMPLY SMARTER SORTING

*Contact MSS to learn more about L-VIS™*