

# SBS

## Spent Brass Sorter

Cybernet Systems Corporation, a leader in ammunition characterization and manufacturing automation, created the Spent Brass Sorter (SBS) to separate live rounds from spent cases and to sort spent cases by type, which facilitates rapid certification and resale of used ammunition cases.

The SBS leverages Cybernet's Automated Tactical Ammunition Classification System (ATACS) technology to automatically, safely, and efficiently sort spent cases from live rounds. The current military process of certifying spent brass for resale requires multiple inspectors to manually sort through thousands of cases to ensure that there are no live rounds mixed in with the spent cases. This process is time consuming, costly, and prone to error. The SBS replaces this manual process with an automated process that is both faster and more reliable, allowing installations to process spent brass faster, with fewer people, and with less risk.



Spent Brass Sorter



SBS Automates the Spent Brass Certification Process



### SBS Specifications:

- Sorts live rounds from spent cases.
- Sorts spent cases by both caliber and material type (nickel, brass, steel).
- Sorts 5.56 mm, 7.62 mm, 9 mm, .45 caliber, .50 caliber, .40 caliber, .357 magnum, .300 caliber, and .338 caliber cases.
- Verifies presence/absence of projectile.
- Verifies condition of the primer (fired / not fired).
- Capable of sorting over 10,000 cases per hour (single type).
- Sorts over 5,000 cases per hour (mixed types).

### SBS Benefits:

- Significantly reduces manpower required to recycle used ammunition cases.
- Ensures no live rounds are mixed in with spent cases.
- Separates cases by type.
- Field proven technology.
- Field transportable.
- Provides faster, more consistent processing.

### SBS Notes:

- In current use at more than 12 U.S. military installations.
- Is upgradeable to full ATACS capability to support inspection and sortation of live rounds.

The SBS transforms a slow, highly manpower intensive process into a fully-automated process.

### • SBS sorts by caliber and material type:

5.56 mm	.40 Cal
7.62 mm	.357 Magnum
9 mm	.300 Cal
.45 Cal	.338 Cal
.50 Cal	Nickel vs. Brass

- Additional calibers can be easily supported
- SBS separates out live ammunition
- SBS processes upto 10,000 cases per hour

**Tactical Automation: Increasing Soldier Effectiveness with Technology**