

SBS

Spent Brass Sorter

Cybernet Systems Corporation, a leader in ammunition characterization and manufacturing automation, created the Spent Brass Sorter (SBS) to facilitate rapid certification and resale of used ammunition cases.

The Spent Brass Sorter (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 human 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 for resale 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.
- Ability to sort spent cases by both caliber and material type (nickel vs. brass).
- 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).
- Sorts over 5,000 cases per hour.

SBS Benefits:

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

SBS Variants and Options:

- Containerized units, with self-contained operating space.
- Delivery complete with generator and compressor, allowing operations without reliance on local utilities.

- 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 screens out live ammunition
- SBS processes 5,000+ cases per hour

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

Tactical Automation: Increasing Soldier Effectiveness with Technology