

AMCAL

Agile Multiple Caliber Assembly and Loading Line

Cybernet Systems Corporation, a leader in ammunition characterization and manufacturing automation, has built the Agile Multiple Caliber Assembly and Loading Line (AMCAL) to produce small arms munitions ranging from 4mm to 50 caliber with simple reconfiguration of a common manufacturing core.

The AMCAL manufactures, loads, seals, and fully inspects rounds at approximately one per second continuously. It works with all types of cases, including steel, brass, and polymer (plastic) consistently and accurately.



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Unique to the AMCAL is its ATACS derived fully automated inspection and round classification station capable of providing sortation into up to six quality classes based on user specifications.

(Left) Inspection head; (Right) Sorter (Shown with only 4 classification bins)

AMCAL Specifications:

- Builds nominally 3600 rounds per hour (speed depends on process selected)
- Includes assembly, loading, sealing, and inspection into quality classes
- Reconfigurable to manufacture rounds from 4mm to 50 caliber

AMCAL Benefits:

- Significantly reduces manpower required to manufacture ammunition
- Field proven, Field reliable
- Supports manufacturing with brass, steel, or polymer cases