

# MPCAM

## Multiple Caliber Polymer Case Assembly Machine

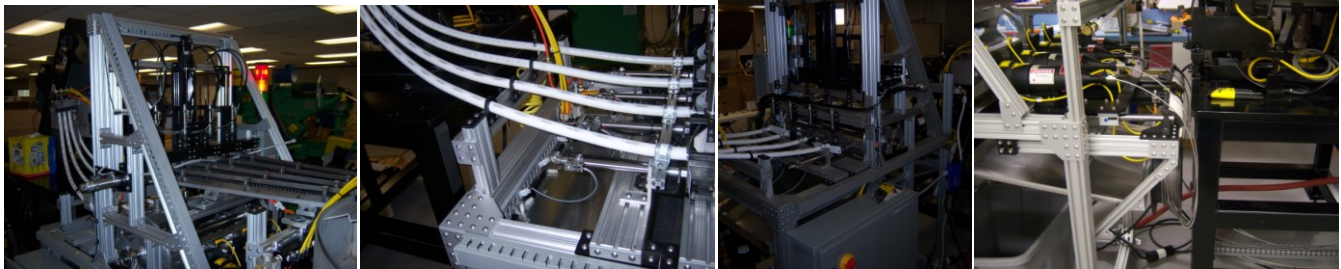
Cybernet Systems Corporation, a leader in ammunition characterization and manufacturing automation, has built the Multiple Caliber Polymer Case Assembly Machine (MPCAM) to build two part polymer (plastic) cases for munitions ranging in size from 4mm to 50 caliber with simple reconfiguration of a common manufacturing core.



The MPCAM feeds, assembles and laser welds polymer case components into an integrated cases (variations can also be built that glues cases components together) at a rate of approximately one per second (speed depends on laser welding time profile for the case component materials). It works consistently and accurately.

Multiple Caliber Polymer Case Assembly Machine (MPCAM)

(Left to Right) Input feed tubes, Neck to base assembly section, and Laser weldment bells



### MPCAM Specifications:

- Builds nominally 3600 cases per hour (speed depends in process selected)
- Include assembly, welding and gross inspection of polymer
- Reconfigurable to manufacture rounds from 4mm to 50 caliber

### MPCAM Benefits:

- Significantly reduces manpower required to manufacture polymer cases
- Field proven, Field reliable
- Supports manufacturing with multiple case caliber sizes