

Assembly Machine Examples:

Transmission Filter Assembly & Test– Feed upper & lower housings, add filter media and fold, add magnet, ultrasonic weld media together and laser weld housing halves together, add O-ring on inlet pipe and add pipe to assembly, insert brass threaded inserts with heat, and check assembly with vacuum test. 8.5 second cycle time on a palletized system, 100% inspection.



Battery Plate Manufacturing System- Inline process for carbon foam/lead plates. Machine cut foam to size, added lead grid plates and attached them through IR heating. Single plates were inspected and then unloaded on a conveyor. This machine produces 20-plates every 30-seconds.

