U.S. Dynamics Corporation is a custom manufacturer of highly complex electrical, electro-mechanical and vacuum related systems as well as custom production tool manufacturing, assembly and test. U.S. Dynamics Corporation serves the medical device and pharmaceutical industries by providing machine building and total system integration skills as well as system conversions, hardware and electronic upgrades for OEM automated production and assembly equipment. USD specializes in delivering sophisticated and custom assemblies, subassemblies and entire production systems involving automation, integration and fabrication.

Please note that the capabilities shown below are not an all inclusive list.

Direct all inquiries via e-mail to sales@usdynamicscorp.com

**U.S. Dynamics Corporation manufactured this pharmaceutical assembly equipment to the customer's specifications.**

This is a semi-automated production tool for assembling devices used in making sterile connections.

- Parts Handling
- Media Handling, Cutting and Folding
- Heat Sealing
- Temperature Control
- Ultrasonic Welding
- PLC based controls

**U.S. Dynamics Corporation has considerable experience integrating various assembly processes and technologies to go along with our other strong capabilities:**

- Electromechanical Assemblies
  - From Component Level to Machine Assembly
- Clean Room Facilities for Assembly and Testing
  - Class 100 to 10,000
- Electrical Enclosures, Layout and Wiring
- UHP Orbital Welding
- Pneumatic Assemblies
- Conveyors
- Custom Tooling
- System Integration
- Machine Programming
- Motion Control (Servo & Stepper)
- Vision Systems (Inspection)
- Close Tolerance Machining
- Sensors
- Panel Wiring
- Robotics
- Punching
- Printing
- Testing
Customer Benefits:

- Quality - U.S. Dynamics Meets or Exceeds Customer Specifications
- On Schedule - Enabling Our Customers to Meet Market Demand
- Fully Tested and Evaluated to Customer Specifications
- Build to Print and Build to Specification from Customer Documentation
- Diverse Project Management
- Field Service and Maintenance Support
- Value Added Engineering (Drawing Review)
  - U.S. Dynamics can Offer Enhancements, Recommendations or Suggestions
- The Customer Receives a Reliable System That Increases Productivity and Reduces the Total Cost of Operation