

# Solid

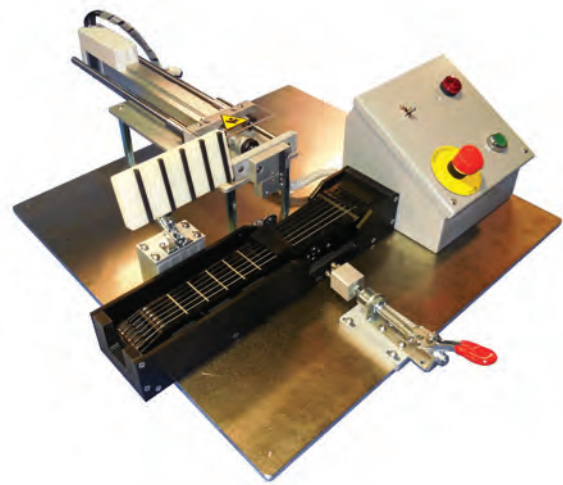
design solutions

A S S E M B L Y   A N D  
T E S T   S Y S T E M S



## build it right

Improve process output quality,  
throughput, labor and profit margins



### Increase speed and quality, reduce costs

Producing a product is one thing, producing it at scale, at speed, yielding profits, is another. At Solid, we have nearly 20 years of experience in helping industry leaders such as 3M, Medtronic, and Thermo Fisher Scientific lower production costs, increase product quality, and reduce downtime with a wide variety of assembly process and testing solutions.

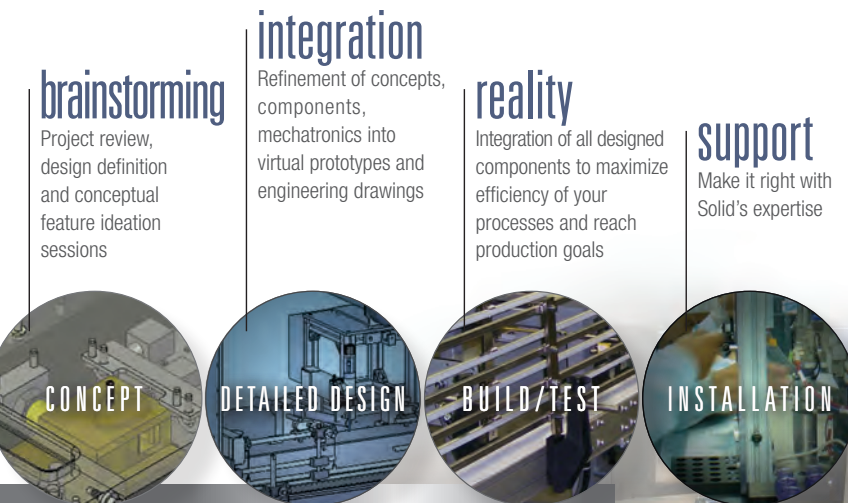
Our proven end-to-end development process can lead the way, with a rock-solid roadmap that mitigates risk while focusing resources on your project objectives: process improvement and an improved bottom line.

### Scale up operations to reach new goals

Whether you have a boutique production operation or an entire assembly line, whether you have clean room conditions or OSHA compliance concerns, Solid has the talent and resources you need to develop efficient, economical, and worry-free solutions for a wide variety of applications. We integrate mechanics and electronics with automation, best practices, and a meticulous attention to detail, optimizing your processes and testing to meet the demands of your market and your supply chain.

Our continuous focus, transparent reporting, responsive communication, and on-time, on-budget delivery mean you don't have to guess about success.

### A SOLID process



## Assembly systems

### Semi-automated assembly fixtures

- Operator-assisted assembly
- Operator load/unload
- Magazine-fed
- Precision positioning

### Controls

- Manual
- Electronic
- PLC
- Pneumatic
- Embedded Processor

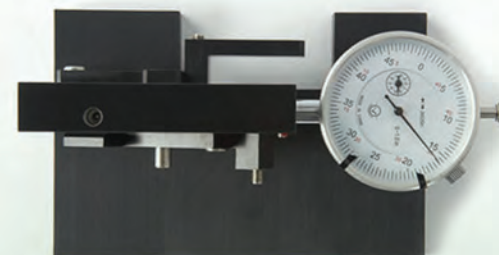
### Clean Room Systems

- Assembly
- Inspection
- Converting
- Test
- Calibration
- Welding
- Hipot
  - Continuity
  - Swaging
- Adhesive bonding

## Test systems

### Test Equipment

- Design validation testing
- In process testing
- Cycle testing
- HALT testing
- Cable and lead testers
- Circuit testing
- Final test



**It's time to build it right**

Call 877.786.7701 today and find out how.

[www.soliddesignsolutions.com](http://www.soliddesignsolutions.com)

## Markets Served

Consumer  
Health Care  
Medical  
Manufacturing  
Electronics  
Laboratory  
Emerging Markets  
Specialized Environments  
Construction

## Disciplines

Industrial Design  
Industrial Engineering  
Mechanical Engineering  
Manufacturing Engineering  
Electrical Engineering  
Firmware Engineering  
Software Engineering  
Project Management  
Electromechanical Integration

Human Factors  
Process Development  
Reverse Engineering  
Manufacturing Engineering



## Proudly serving clients worldwide:



**Solid**  
design solutions

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