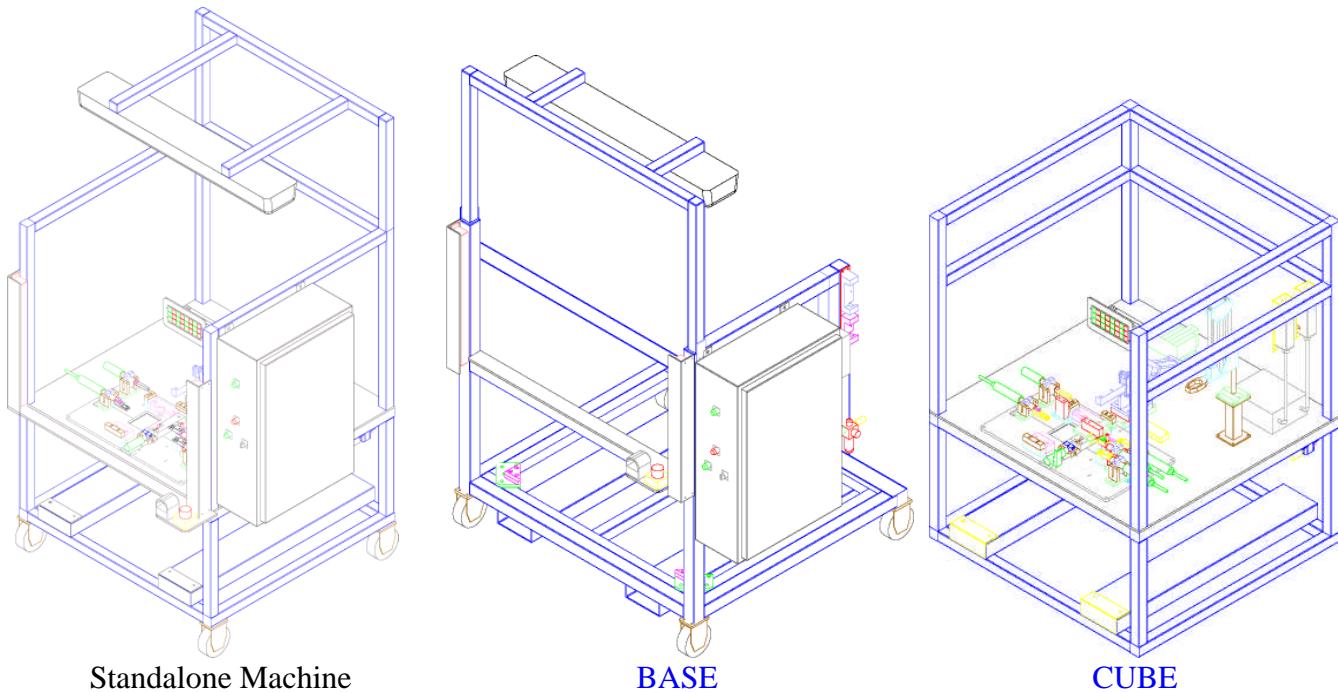


Base/Cube

Modular Automation System

Reducing the Cost of Automation

Base/Cube is a Patented Modular Automation System that allows the separation of the project specific automation and the controls. This innovative system allows the dedication and/or reuse of the controls without reworking of the machine.



Conventional Equipment	Base/Cube Equipment
<ul style="list-style-type: none">• Purchase controls & safety equipment with every machine• Takes up large amount of floor space when not in use• Reusing controls is costly and unreliable• Sacrifice safety and function on low budget programs	<ul style="list-style-type: none">• Save money (Reduce controls costs)• Long use of controls & safety equipment (10-15 year potential)• Lower customer costs by separating capital equipment and tooling• Maintain higher safety standards on lower budget programs• Use Base Units across multiple lower volume projects• Less machine down time• Change-over is fast & easy (5 min. setup)• Standardize machine controls Company wide• Save floor space (Cubes are stackable)

Why use the Base/Cube System? Do you purchase a new injection molder with every new mold you run? No. That would be ridiculous and cost prohibitive. You use one injection molder to service multiple molds over years of service. Why waste that same money on your automation equipment?

BASE/CUBE SETUP



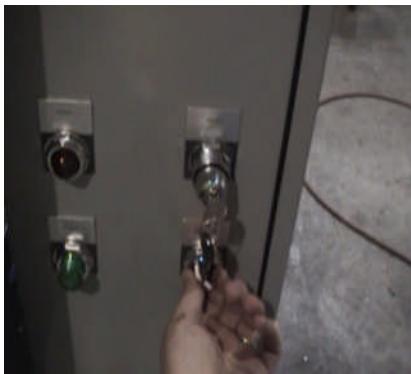
Step 1 : Load CUBE into the BASE



Step 2 : Connect TWO supply plugs to the CUBE



Step 3 : Connect ONE pneumatic line to the CUBE



Step 4 : Turn on BASE power and the program is transferred from the CUBE to the BASE in 5 sec.



Step 5 : Run until the next change over. Total setup time is only 5 minutes.

Machine Types Supported

- Clip Driver
- Ultrasonic Welder
- Hot Air Cold Stake
- Part Verification & Testing
- Resistive Welding
- **ANY MACHINE CONFIGURATION**

The Base/Cube System costs the same as a standalone machine. After purchasing one Base/Cube System, the next Cube purchased doesn't need controls. The minimum savings for every Cube purchased and used on a Base already at your facility is \$15,000. Across ten Cubes that's \$150,000.

A Base can be dedicated to a Cube for 3-4 years and then replace with a different Cube. Or Cubes can be changed out per shift.