

Adaptive's Industrial Automation Platforms are pre-configured industrial manufacturing cells and equipment available for customization. These platforms are a fraction of the price of a custom automation solution, and available in less than half the time. These engineered and proven platforms reduce workload project risk, allowing your team to achieve more, faster.

Automated standalone 2-axis pneumatic pick and place unit. Used in guarded or unguarded applications or for tasks within an operator area. Minimized pinch points, adjustable force and speed based on application requirements.

### Base Machine Features:

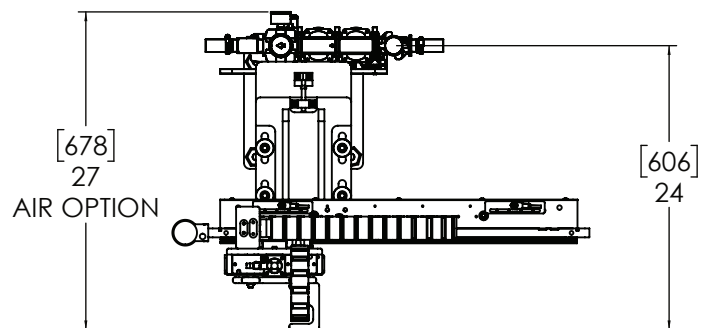
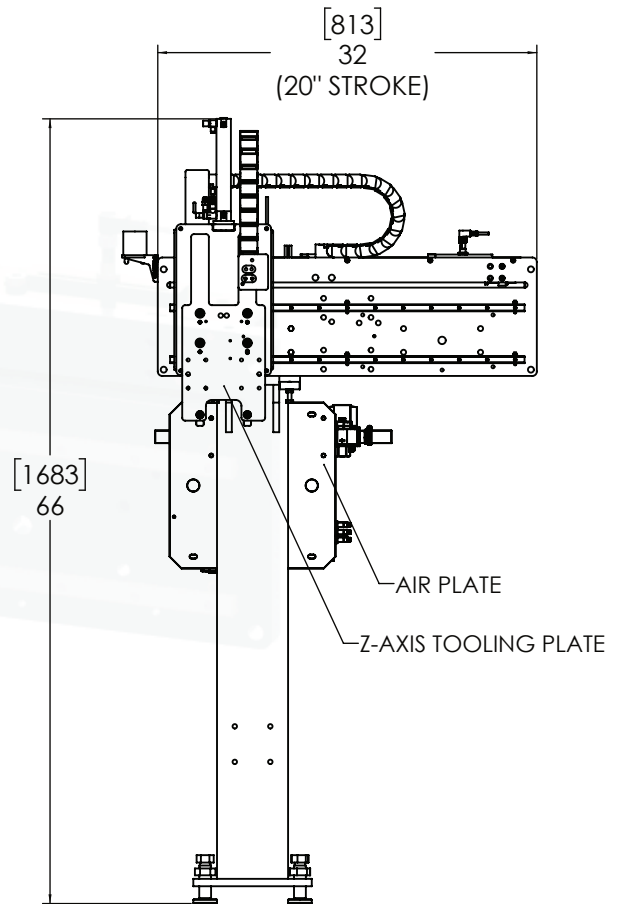
- X and Y selectable stroke axis
- Welded steel stand
- Z-axis tooling interface plate with poka-yoke tooling features.
- Speed adjustable axis travel
- Magnetic coupled X-axis breakaway

### Standard Machine Add-ons:

- End of travel sensors installed
- E-stop safety, lock out valve and dump valve
- Electric package including enclosure, pushbuttons and PLC, 24V PNP
- Pneumatic air prep and valve bank options
- Operator indicator light

### Product Specific Add-ons:

- Risk assessment
- Tooling and product specific ISO 15066 analysis
- Product based touch tooling
- Right angle or buffer conveyor transfer
- Custom cell programming



	Base Unit Specifications	Notes
Unit Footprint	36" x 24"	*no tooling or product included
Unit Height	66"	*At 36" pick height
Max pick height	48"	in Z
PNP unit weight	300 lbs	*no tooling or product included
z-stroke	1" to 4"	
Max speed in Z	6 in/s	
x-stroke	8" to 36"	nominal 20"
Max speed in X	5 in/s	
Cycle Time	20s	*estimated for 20" stroke, tooling dependent
Max attachment weight	30 lbs	*includes product weight
Max Attachment footprint	20" x 16" x 12"	
Air		
Voltage	24V, 120V	*option dependent