



**STAR AUTOMATION, INC**

# XQ-V Series

Swing Type Sprue Picker

Safe Operation

Mold Change Memory

Simple and Compact Design



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

|                | IMM Range<br>(ton) | Payload (kg) | Vertical<br>(mm) | Crosswise<br>(mm) | Max Reach<br>(mm) |
|----------------|--------------------|--------------|------------------|-------------------|-------------------|
| <b>XQ-450V</b> | <b>30-80</b>       | <b>2</b>     | <b>450</b>       | <b>75</b>         | <b>350</b>        |
| <b>XQ-600V</b> | <b>80-180</b>      | <b>2</b>     | <b>600</b>       | <b>75</b>         | <b>350</b>        |
| <b>XQ-800V</b> | <b>160-350</b>     | <b>2</b>     | <b>800</b>       | <b>100</b>        | <b>450</b>        |

## Optional Features

Vacuum Confirmation Unit  
Air Nipper in Chuck  
Defective Product Reject Circuit  
Chuck Twist (C Type)  
Custom Paint Color

## Stec-S1 Controller



### Screen Size

- ✓ 3.25" High Contrast LCD

### Axis of Operation

- ✓ Capable of controlling up to 5 pneumatic axis

### Inputs

- ✓ 14 Standard Inputs (Factory)
- ✓ 4 Spare Inputs Available For Customized Programming Use (Factory)

### Outputs

- ✓ 16 Standard Outputs (Factory)
- ✓ 6 Spare Outputs Available For Customized Programming Use (Factory)

### Timers

- ✓ 12 Standard, 5 Option, 7 Alarm

### Axis Setting Points

- ✓ Mechanically Limited Pneumatic Strokes

### Counters

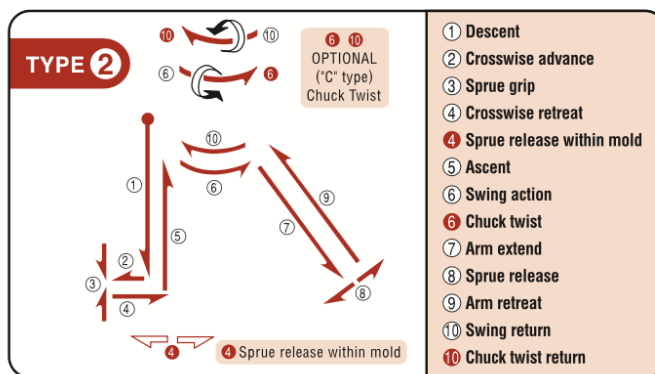
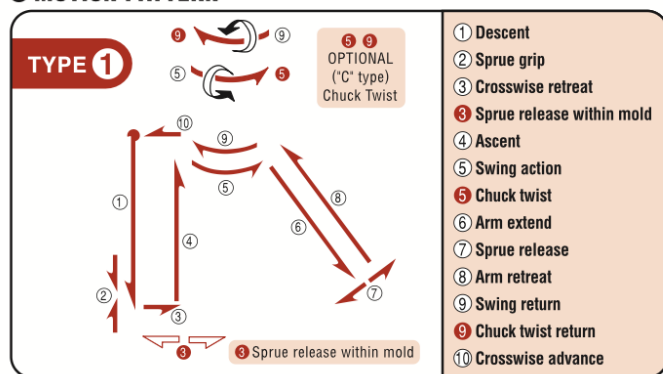
- ✓ 1 Total, 1 Option, 1 Product

### Memory

- ✓ Internal Memory (up to 15 molds Setups)



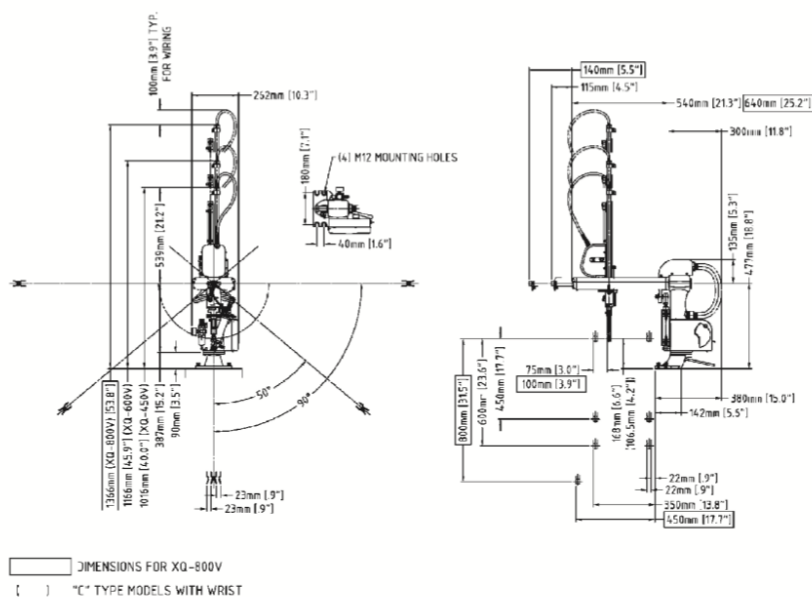
## ● MOTION PATTERN



## ● GENERAL SPECIFICATIONS

| MODEL                     |                 | XQ-450V          | XQ-600V       | XQ-800 V       |
|---------------------------|-----------------|------------------|---------------|----------------|
| Power Source              |                 | 200-575 VAC 60Hz |               |                |
| Max Power Consumption     |                 | 0.3A 200V MAX    |               |                |
| Air Pressure              |                 | 0.49MPa          |               |                |
| Air Consumption           |                 | 7.4N ℓ /cycle    | 9.0N ℓ /cycle | 10.8N ℓ /cycle |
| Stroke                    | Vertical (Air)  | 450mm            | 600mm         | 800mm          |
|                           | Crosswise (Air) | 75mm             |               | 100mm          |
|                           | Swing (Air)     | 50°-90°          |               |                |
| Max Reach                 |                 | Max.350mm        |               | Max.450mm      |
| Vertical Standby Position |                 | 168mm            |               |                |
| Max Loading Capacity      |                 | 2 kg             |               |                |
| Control Box               |                 | STEC-S1          |               |                |

## ● OUTER DIMENSIONS



### ● OPTIONAL FUNCTION

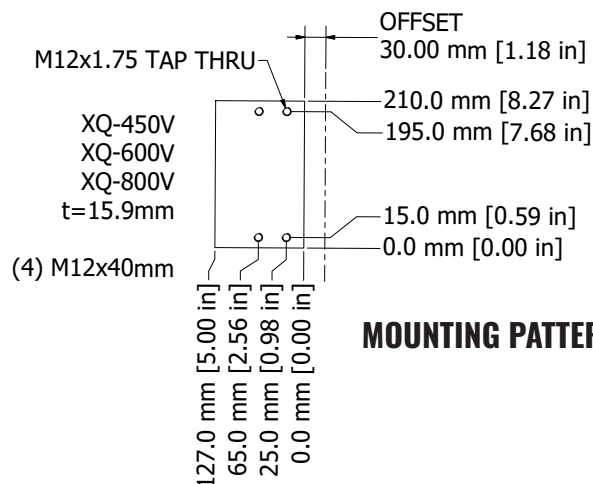
### Vacuum confirmation unit

## Air nipper in chuck

### Defective product reject circuit

### Chuck twist (C type)

### Special paint color



## MOUNTING PATTERN

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