



STAR AUTOMATION, INC

XQ-V Series

Swing Type Sprue Picker

Safe Operation

Mold Change Memory

Simple and Compact Design



www.starautomation.com

	IMM Range (ton)	Payload (kg)	Vertical (mm)	Crosswise (mm)	Max Reach (mm)
XQ-450V	30-80	2	450	75	350
XQ-600V	80-180	2	600	75	350
XQ-800V	160-350	2	800	75	450

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

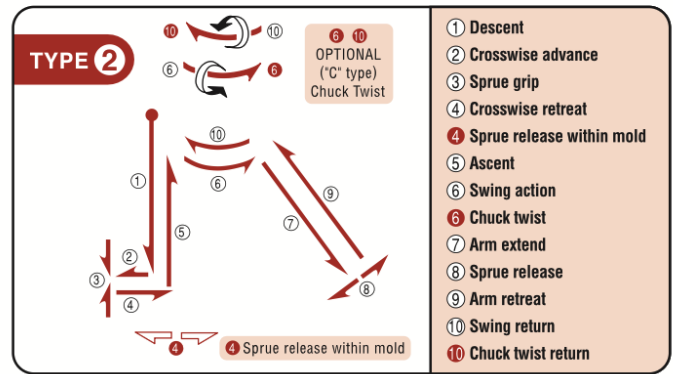
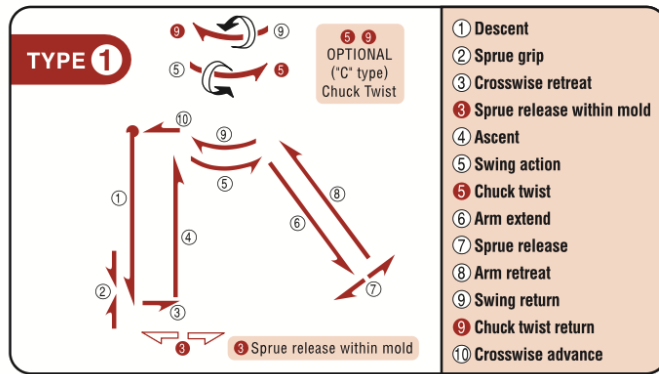
- ✓ 1 Total, 1 Option, 1 Product

Memory

- ✓ Internal Memory (up to 15 molds Setups)



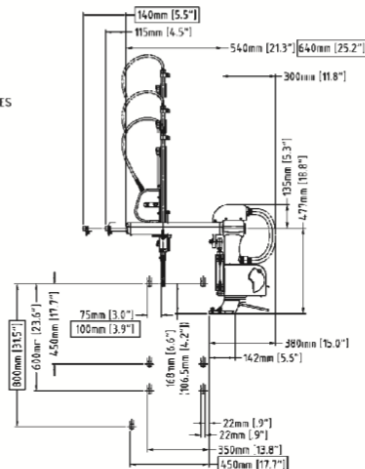
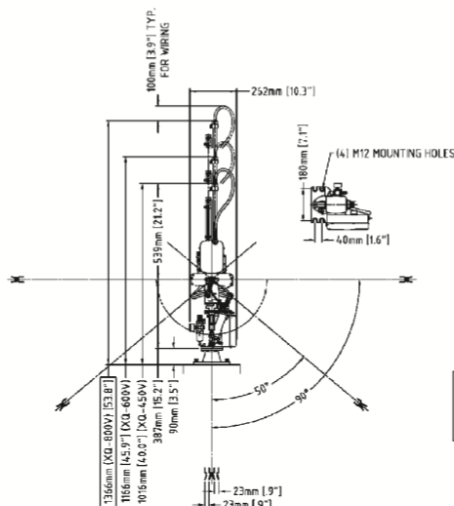
● MOTION PATTERN



● GENERAL SPECIFICATIONS

MODEL	XQ-450V	XQ-600V	XQ-800V
Power Source	200-220 VAC $\pm$ 10%, 3 Phase, 50/60Hz		
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
	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



□ DIMENSIONS FOR XQ-800V
() "C" TYPE MODELS WITH WRIST

● OPTIONAL FUNCTION

Vacuum confirmation unit

Air nipper in chuck

Defective product reject circuit

Chuck twist (C type)

Special paint color

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