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## **Brand New Apex Economical & Flexible Sprue Pickers!** **Customize your Own – Call Today for a Quote!!!** **Prices starting at \$ 3,780.00**

The Apex robots are assembled using only the highest quality automation components. APEX has hundreds of robots installed throughout North America, and are fully supported with parts and service out of Milwaukee, WI and Wallingford, CT. These units feature quality components from global suppliers and come with a one year manufacturer's parts warranty. We have an SB-1200 servo robot under power, as well as an APEX sprue picker should you wish to inspect and operate the product prior to purchasing.

### **Apex ST Series Sprue Picker**

The Apex ST Series Sprue Pickers are designed for quick cycle times and a rapid payback. These high quality units are designed to be easy to install and operate with minimal maintenance requirements.

#### **Features:**

- High Payload Capabilities
- Wrist rotation Standard
- Easily changed from Operator to rear side release
- Unique design allows for use with unscrewing molds or molds with hydraulic core pull cylinders
- Main arm swing angle adjustable from 45° to 90°
- Single Stage and Telescoping Vertical Arm available
- Simple Speed Adjustment on all axes
- Base pivots for quick & easy mold change

#### **Flexible and Powerful Controller:**

- 10 Standard Sequences & 10 User programmable Sequences
- 2 Spare Outputs & 1 Spare Input
- Alarm Control for volume and duration
- Alarms and Status displayed on pendant screen
- Standard SPI/EUROMAP molding machine interface w/connector
- Diagnostics and Help are on Pendant

#### **Options:**

- Vacuum Grip option with versatile End of Arm Tooling kit



# Sample Equipment Price

Item	Description	List Price*
1.	<b>ST Series Sprue Picker</b> (6.6 lbs. Effective Payload): .....	\$ 3,590.00
1.1.	100 mm ( 3.9 in) Strip Stroke (X- Axis): Pneumatic Drive.....	Included
1.2.	550 mm ( 21.6 in) <b>Telescoping</b> Vertical Stroke (Y-Axis): Pneumatic Drive.....	Included
1.3.	60° - 90° Swing Stroke (Z-Axis): Pneumatic Drive .....	Included
1.4.	Wrist flip (adjustable 80 - 100 ) for placement of parts (C-Axis): Pneumatic Drive.....	Included
1.5.	Powerful user friendly controls .....	Included
1.5.1.	10 pre-set sequences and 10 user programmed sequences .....	Included
1.5.2.	Easily adjusted motion and timer settings .....	Included
1.5.3.	1 Spare Inputs.....	Included
1.5.4.	2 Spare Outputs.....	Included
1.6.	SPI/Euromap Robot/IMM Electrical Interface (Robot Side only, 32 pin std, 50 pin avail).....	Included
1.7.	Patented Sprue Grip with reliable pressure differential runner verification .....	Included
1.8.	User Manual .....	Included

**Available Options:**

- 2. Vacuum Circuit with vacuum sensing and versatile vacuum cup End of Arm Tool .....\$ 450.00

**START UP AND OPERATION TRAINING:** Startup and basic operation training is available at \$800 per day plus any applicable travel costs (billed at cost). Typical startup is approximately 1 day (excluding travel time).

**OPERATION & BASIC PROGRAMMING TRAINING:** is available on site or at our facility in Wallingford, CT. Cost for onsite training is \$800 per day plus applicable travel expenses.

**GENERAL TERMS & CONDITIONS:** Equipment purchased under this proposal is subject to our standard **"Terms and Conditions of Sale"** attached, except as modified below.

**PRICE:** Prices are net F.O.B. Wallingford CT (or port of entry), and DO NOT include installation, end-of-arm tooling, guarding, or mounting.

**TERMS OF PAYMENT:** Stock units: 90% prior to shipment. Ordered units: 50% with purchase order, 40% prior to shipment and balance net 30.

**SHIPMENT:** In stock, YS Series Sprue pickers will ship within one week from receipt of written purchase order and payment. Stock units are subject to prior sales at time of order. Special ordered units will be approximately 4-6 weeks for delivery.

**WARRANTY:** Robots carry a one year limited manufacturer's warranty as outlined in our standard **"Terms and Conditions of Sale"**.

*Thank you for the opportunity to quote on your automation requirements.*

**See specifications (next page)**

## ST Series Economical & Flexible Sprue Picker Specifications

Model No.		Dry Cycle(Sec.)		I.M.M. (Tons)	Vertical Stroke mm (in)	Net Weight (lbs)	Air Consumption (Cu Ft/Cycle)
		Take-Out	Cycle				
ST450	Single-Stage	0.7	3.4	25~125	450 (17.7")	86	0.42
STV450	Single-Stage					88	0.60
ST550	Single-Stage	0.7	3.7	60~150	550 (21.6")	88	0.49
ST550D	Telescopic	0.5	3.5			108	0.34
STV550	Single-Stage	0.7	3.7			90	0.67
STV550D	Telescopic	0.5	3.5			112	0.51
ST650	Single-Stage	1.2	4.2	125~250	650 (25.6")	97	0.58
ST650D	Telescopic	0.6	3.6			117	0.37
STV650	Single-Stage	1.2	4.2			99	0.76
STV650D	Telescopic	0.6	3.6			119	0.55
ST750D	Telescopic	0.8	3.8	200~350	750 (29.5")	121	0.41
STV750D	Telescopic					123	0.58
ST850D	Telescopic	1.0	4.0	300~450	850 (33.4")	125	0.44
STV850D	Telescopic					128	0.62
ST950D	Telescopic	1.2	4.2	400~700	950 (37.4")	130	0.48
STV950D	Telescopic					132	0.65

*Robot specifications subject to change or improvement at any time.*

Strip Stroke = 100 mm (3.93")  
Operating Voltage: 220V Single Phase, 50/60 HZ (1A)