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Brand New Apex High Performance Sprue Pickers! **Customize your Own – Call Today for a Quote!!!** **Prices starting at \$ 4,440.00**

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 YS Series Sprue Picker

The Apex YS 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
- Easily changed from Operator to rear side release
- No tools required for Strip Stroke adjustments
- Main arm swing angle adjustable from 60° to 90°
- Single Stage Vertical Arm for simple cost effective operation
- Simple Speed Adjustment on all axes
- Base pivots for quick & easy mold changes



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:

- Wrist Rotation
- Vacuum Grip option with versatile End of Arm Tooling kit



Sample Equipment Price Model YS-750

Item	Description	List Price*
1.	YS Series Sprue Picker (8.8 lbs. Effective Payload):.....	\$ 4,975.00
1.1.	100 mm (3.9 in) Strip Stroke (X- Axis): Pneumatic Drive	Included
1.2.	750 mm (29.5 in) Vertical Stroke (Y-Axis): Pneumatic Drive.....	Included
1.3.	60° - 90° Swing Stroke (Z-Axis): Pneumatic Drive.....	Included
1.4.	Powerful user friendly controls	Included
1.4.1.	10 pre-set sequences and 10 user programmed sequences.....	Included
1.4.2.	Easily adjusted motion and timer settings.....	Included
1.4.3.	1 Spare Inputs	Included
1.4.4.	2 Spare Outputs	Included
1.5.	SPI/Euromap Robot/IMM Electrical Interface (Robot Side only, 32 pin std, 50 pin avail)	Included
1.6.	Patented Sprue Grip with reliable pressure differential runner verification.....	Included
1.7.	User Manual.....	Included

Available Options:

- 2. Wrist flip (adjustable 60 - 100) for placement of parts (C-Axis): Pneumatic Drive\$ 500.00
- 3. 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)

YS Series High Performance 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				
YS450	Standard Model	0.6	3.1	25~150	450 (17.7")	73	0.32
YST450	With Wrist					74	0.33
YSTV450	With Wrist & Vacuum					75	0.53
YS550	Standard Model	0.7	3.2	60~180	550 (21.6")	74	0.35
YST550	With Wrist					75	0.36
YSTV550	With Wrist & Vacuum					76	0.57
YS650	Standard Model	0.8	3.4	120~250	650 (26.4")	75	0.39
YST650	With Wrist					76	0.40
YSTV650	With Wrist & Vacuum					77	0.60
YS750	Standard Model	1.0	3.8	200~350	750 (30.5")	76	0.42
YST750	With Wrist					77	0.43
YSTV750	With Wrist & Vacuum					78	0.64
YS850	Standard Model	1.2	4.0	300~450	850 (34.6")	77	0.46
YST850	With Wrist					78	0.47
YSTV850	With Wrist & Vacuum					79	0.67

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)