



## **CV - 80 SERIES** Insert Molding Machines

C-frame vertical clamp, parting line injection insert molding machines with stationary platen, rotary and side to side shuttle tables

### **Injection Unit**

DESCRIPTION	MEASURE	3 -oz	5 -oz	8 -oz	11 -oz	14 -oz
Screw Diameter	mm	30	40	40	50	60
Theoretical Displacement	cubic in	4.9	8.9	15.6	21.0	35.0
Maximum Inject Plastic Pressure	psi	29,900	24,700	24,700	23,400	23,400
Maximum Injection Stroke	in	5.00	5.00	8.00	5.00	8.00
Maximum Screw Speed	rpm	400	400	400	400	400
L/D Ratio		20:1	15:1	15:1	20:1	15:1
Injection Unit Sled In/Out Stroke	in	7.00	7.00	7.00	7.00	7.00

### **General**

DESCRIPTION	MEASURE	
Pump Motor	hp	30
Pump Capacity	gpm	28
Oil Capacity	gal	60
Main System Pressure	psi	2850
Current Draw @ 230 V, 3ph	amps	100
Machine Weight	lbs	14,500
Machine Dimensions	in	84"x90"x100"

### **Clamp Unit**

DESCRIPTION	MEASURE	
Clamp Force	ton	80
Clamp Stroke	in	14"
Open Daylight	in	24"
Maximum Mold	in	16" x 24"

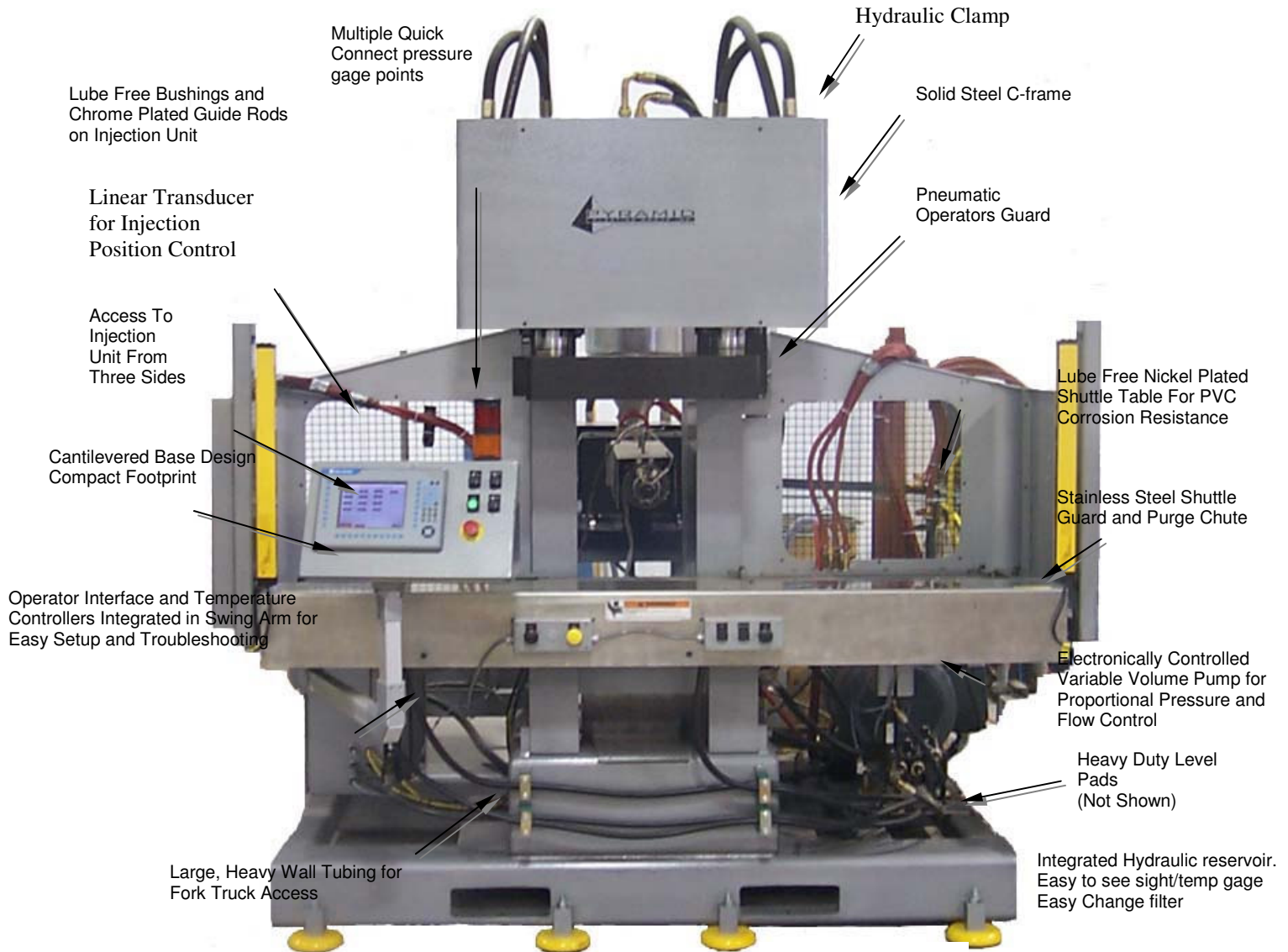
For full specifications on CV series machines, tooling, automation, auxiliaries and custom machines call Pyramid at **1- (877) 897 – 4311** or visit our web site at

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

Specifications Subject to Change

107 North Main St • PO Box 216 • LaOtto, IN 46763 • (260) 897 – 4311 • Fax (260) 897 – 4313

## **CV - 80 SERIES**



Multiple Quick Connect pressure gage points

Hydraulic Clamp

Lube Free Bushings and Chrome Plated Guide Rods on Injection Unit

Solid Steel C-frame

Linear Transducer for Injection Position Control

Pneumatic Operators Guard

Access To Injection Unit From Three Sides

Lube Free Nickel Plated Shuttle Table For PVC Corrosion Resistance

Cantilevered Base Design Compact Footprint

Stainless Steel Shuttle Guard and Purge Chute

Operator Interface and Temperature Controllers Integrated in Swing Arm for Easy Setup and Troubleshooting

Electronically Controlled Variable Volume Pump for Proportional Pressure and Flow Control

Heavy Duty Level Pads (Not Shown)

Large, Heavy Wall Tubing for Fork Truck Access

Integrated Hydraulic reservoir. Easy to see sight/temp gage Easy Change filter

**Other Features:**

- Large Shot Size available
- Only 2 lube points on entire machine (Annual)
- Allen Bradley PLC with Touch Screen Interface
- Spanish Text on operator interface, tags and labels

Represented By: \_\_\_\_\_