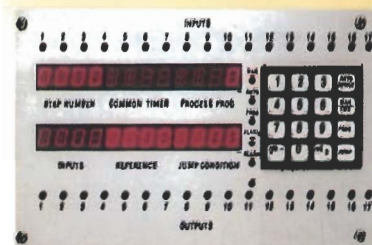


Quality Wax Injectors

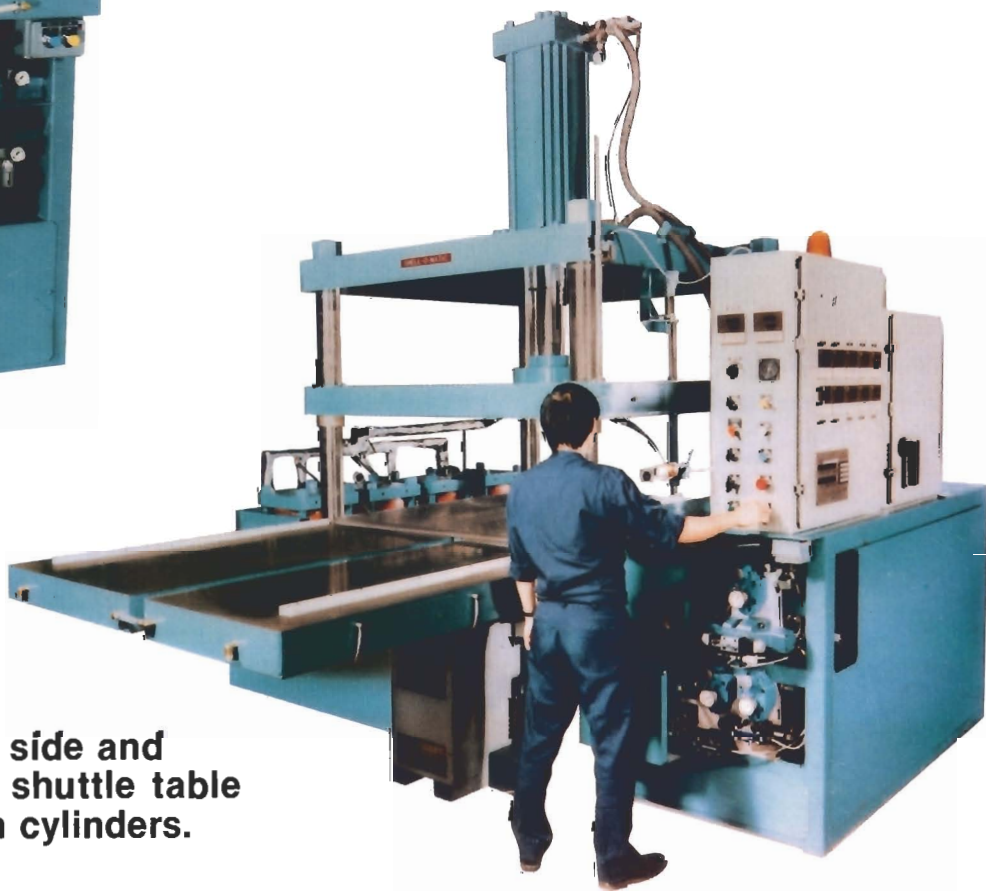
built to your specifications

35T — with side injection
and shuttle table



Vari-Flow Controls

150T — with side and
bottom injection, shuttle table
and 4 injection cylinders.



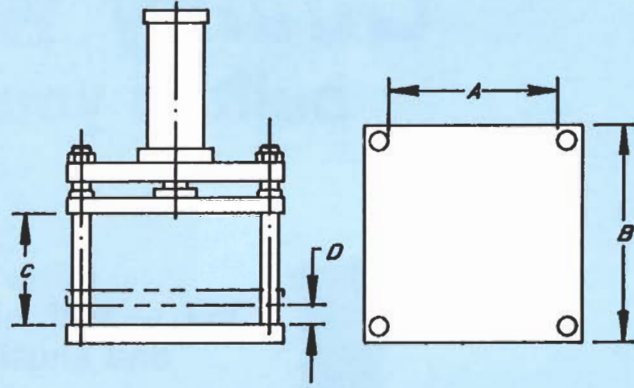
SHELL-O-MATIC

Shell-O-Matic Inc.
10,600 Ste-Gertrude Blvd.
Montreal-North, Quebec
Canada H1G 5N4

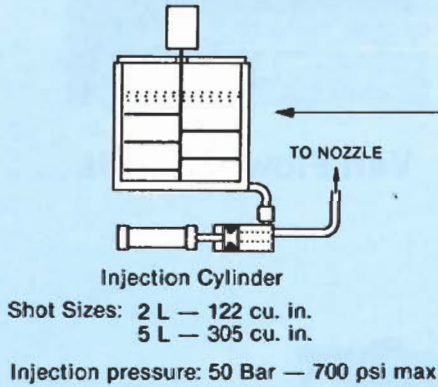
Tel.: (514) 323-0868
Telefax: (514) 329-3672

1) CLAMP SIZE TYPICAL DIMENSIONS AND CLAMP FORCES

Clamp force in tons			A		B		C		D	
Nominal	Metric	Imp.	mm	in.	mm	in.	mm	in.	mm	in.
20	17.6	19.6	380	15	560	22	380	15	50	2
			508	20	710	28	508	20	50	2
35	34.6	38.4	508	20	710	28	508	20	50	2
			610	24	810	32	508	20	50	2
50	45.2	50.3	810	32	1016	40	760	30	64	2.5
75	70.6	78.5	810	32	1016	40	760	30	64	2.5
100	101.7	113	915	36	1118	44	915	36	100	4
150	142	158	1422	56	1727	68	864	34	150	6



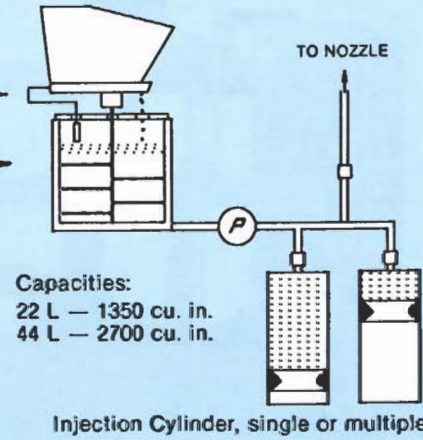
2) WAX DELIVERY AND INJECTION SYSTEMS



Wax melter with level control

Wax conditioning and holding tank

Capacities:
40 L — 10.5 US gal.
90 L — 24 US gal.
185 L — 49 US gal.



CONCEPT A

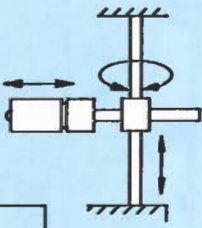
The wax flows by gravity into the Injection Cylinder.

CONCEPT B

The wax is pumped into the Injection Cylinder(s). Ideal for low temperature (paste) wax.

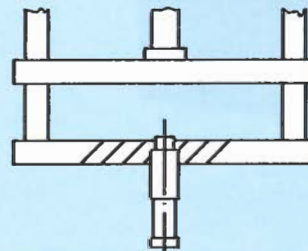
3) NOZZLES

SIDE INJECTION



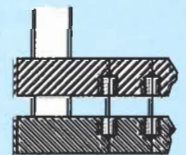
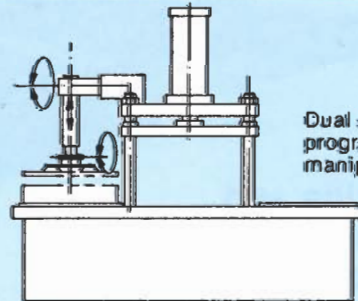
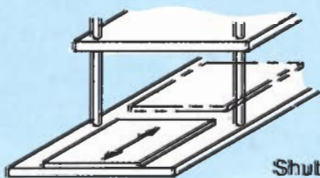
Our side injection nozzle adjusts in 3 different directions and is counterbalanced ("Weightless"). Only the nozzle tip moves during injection.

BOTTOM INJECTION



No nozzle adjustment is ever required; any number of tools having different sizes and heights can be rotated in production. A heated seal prevents wax leakage through the table.

4) TOOL HANDLING OPTIONS



Mounting holes for semi-automatic tools

5) CONTROLS OPTION

"VARI-FLOW CONTROLS"

Using a programmable controller, specifically designed for this purpose, the injection speed, pressure and times are a part of a preprogrammed sequence.

To make a certain wax pattern, all the operator has to do is select a specific program number via the keypad. The controller can communicate to a P.C. via a RS232 interface.