

# MODTECH WAX INJECTION MACHINE

**12 TON, TOP INJECTION  
4 - PILLAR  
WAX INJECTION MACHINE**



## SPECIFICATIONS

DESCRIPTION	12-Ton Vertical Upward Clamping, Top Injection, Fixed Nozzle, 4-Pillar Type, Semi-Automatic, Hydraulic Wax Injection Press.
DAYLIGHT	400 mm
ADMIT BETWEEN PILLARS	400 mm
NOZZLE TIP	10 mm Spherical Radius, A flat nozzle can be supplied as a No Cost option.
SINGLE SHOT	2500 cc
TABLE	1 Meter from Floor. Service Table Projection 400 mm deep along the full width of the machine.
DWELL TIME	Solid State Digital Display 0-999 Seconds.
MELTING TANK	60 Lit. Capacity with Motorized Stirrer, Slip Coupling, Annular Tube Type Reservoir with Tripple Band Heater. Independent Temperature Control For Top & Bottom of Tank. Heated Wax Drain Valve
TEMP CONTROL	Independent Eurotherm Solid State Digital Temperature Controllers Allowing Control Over Wax Tank Top, Wax Tank Bottom & Injection Block. Twin timer based on / off control for Nozzle heater & Thermostat Type Control for Drain heater.
SAFETY	Machine provided with Harmonized European Standard EN 954-1, Category 3 safety control system. Fitted with Fail Safe Safety Relay, which monitors integrity of all safety devices used in machine through dual channel logic. CE Marked with Dual Push Button for Cycle Start, Overheat Alarm for Injection Block & Wax Tank Nozzle Strike Safety. Fitted with Pneumatically Operated Guard and high sensitive edge switch at the end.
AUTO-SEQUENCE	Push Twin Start Buttons - Guard Down - Suction of Wax - Clamp Up - Injection - Clamp Down - Surplus Wax Back to Tank & Guard Up.
ELECTRIC LOAD	8 KVA
PNEUMATIC REQUIREMENT	4 cfm at 80 psi
HYDRAULICS	5 hp Pump Unit, 15 Lit. Per Minute, 90 Lit. Capacity Tank
DIE MOUNTING	M12 Holes in Top & Moving Platens
WAX PARAMETERS	<b>Keypad Data Entry System</b> for control of wax injection pressures and flows.