

MODTECH WAX INJECTION MACHINE

20 TON, 'C' - FRAME
WAX INJECTION
MACHINE



SPECIFICATIONS

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| DESCRIPTION | 20 Ton Vertical Downward Clamping, Horizontal Injection, Adjustable Nozzle in Horizontal and Vertical Axis, C - Frame Type, Semi - Automatic, Hydraulic Wax Injection Machine. |
| DAYLIGHT | 400 mm |
| NOZZLE TIP | 10 mm Spherical Radius |
| NOZZLE ADJUSTMENT | Hydraulic Driven, In-Out 250 mm, Up-Down 200mm. |
| SINGLE SHOT | 4000 cc |
| CLAMP PLATEN | 720 mm wide X 550 mm deep |
| TABLE | 1 Meter from Floor. Service Table Projection 350 mm deep in U-shape. |
| DWELL TIME | Solid State Digital Display 0-999 seconds. |
| MELTING TANK | 60 Lit. Capacity with motorized stirrer, slip coupling, heated drain valve, annular tube type reservoir and tripple band heater |
| TEMP CONTROL | Independent Solid State Digital Display of Tank and Block temperatures. Separate controllers for Wax Tank Top and Bottom. 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. Dual Push Button for Cycle Start. Alarm setting for Block and Tank. Nozzle Strike Safety and Emergency Push Button. 3 sided pneumatically operated high visibility platen guarding system with highly sensitive edge switch mounted at bottom of guard. |
| AUTO-SEQUENCE | Push to Start - Guard Down - Clamp Down - Suction of Wax - Nozzle Forward - Injection - Nozzle Return - Clamp Up - Guard Up - Surplus Wax to Tank. |
| ELECTRIC LOAD | 7 KVA - 380/440 Volts 50 / 60 Hz. |
| PNEUMATIC REQ. | 4 cfm at 80 p.s.i. |
| PUMP | 18 L.P.M. |
| PUMP H.P. | 5 h. p. |
| DIE MOUNTING | M12 Holes in Moving & Bottom platen. |
| PLATEN COOLING | Optional at extra charge - (a) Four passages in top & bottom platen. (b) Single cylinder ejector fixed platen |
| OIL RESERVOIR | 100 Lit. |
| INJ. PRESS | 0-50 BAR |