

# VI-FL SERIES



## VERTICAL RUBBER INJECTION MOLDING MACHINE

### Machine Features

1. Adjustable curing and injection speed with multiple injection capability.
2. Anti-collision Molding system prevent mold damage occurring from misalignment (Patented).
3. Three different pressure & speed for opening/closing mold.
4. Suitable for all type of general rubber parts.

### Application Products



### Main Technical Parameters

| Model                                     | 100VI-FL                                      | 200VI-FL       | 300VI-FL       | 400VI-FL                          | 500VI-FL       | 600VI-FL       |
|---|---|----------------|----------------|-----------------------------------|----------------|----------------|
| Clamp force (Ton)                         | 100   | 200            | 300            | 400                               | 500            | 600            |
| Injection volume (cc)                     | 1000  | 2000           | 3000           | 4000                              | 8000           | 6000           |
| Injection pressure (kgf/cm <sup>2</sup> ) | 2000  | 2000           | 2000           | 2000                              | 2000           | 2000           |
| Platen Size (mm)                          | 400x400                                       | 550x550        | 700x700        | 700x700(800x1000)                 | 900x900        | 850x850        |
| Min. Mold thickness (mm)                  | 50  | 100            | 100            | 100                               | 210            | 100            |
| Plunger stroke (mm)                       | 350   | 350            | 400(600)       | 400(500)                          | 500            | 500            |
| Heating plates distance (mm)              | 400-500                                       | 500-600        | 500-600        | 500-600                           | 700            | 600-700        |
| Tie bar distance (mm)                     | 515x230                                       | 640x310        | 820x395        | 820x395                           | 1105x475       | 970x500        |
| Mold opening type                         | 2RT-3RT-4RT Upper Handing Die-Lower Hang Die) |                |                |                                   |                |                |
| Max. Operating pressure (MPa)             | 20  | 20             | 20             | 20                                | 20             | 20             |
| Motor power (HP)                          | 10(7.5KW)                                     | 15(11KW)       | 15(11KW)       | 15(11KW)                          | 15(11KW)       | 20(15KW)       |
| Heating power (KW)                        | 10  | 15.3           | 24             | 24                                | 24.2           | 29.75          |
| Total power (KW)                          | 20.5  | 30.3           | 39             | 39                                | 40             | 48.75          |
| Gross weight (Ton)                        | 6.4   | 7.8            | 9.6            | 12                                | 28             | 14.2           |
| Machine size (LxWxH) (mm)                 | 2400x1650x3200                                | 2600x2000x4000 | 2750x2265x4200 | 2750x2265x4200/<br>3700x3800x4950 | 3000x2000x4600 | 3200x2500x4350 |

All technical parameters are subject to change without prior notice.

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