

## Vertical Injection Molding Machine 25 Ton



Vertical Injection Moulding Machine Functional Advantages:

1. Vertical direct hydraulic clamping system is designed for accurate, safe operation, especially suitable for insert molding. With a double slide table or rotary design, put-in, take-out products, and molding finish at the same time, which is more safe and efficient for production, then reduces the cost of production.
2. High precision mold platen ( Parallelism/ flatness: 0.01/100mm), heavy-duty tie-bars, and low-pressure mold clamping work together to greatly extend machine & mold life.
3. Nitride and NIP/Nitroflon-coated screws and barrels are long-lasting, robust, and provide superior acid/alkaline resistance. Heavy duty double cylinder injection unit is maintenance friendly and free of oil leaks.
4. All series adapted Variable pump +PQ valves enable energy savings of 30~50%.
5. Proportional hydraulic control system provides low noise, low energy consumption, and smooth machine movements with durable life.

<b>TECHNICAL SPECIFICATIONS AND PARAMETERS</b>	
<b>MODEL</b>	<b>TKS-25</b>
<b>INJECTION UNIT</b>	
Screw Diameter	30 mm
Injection Pressure	1260 kgf/cm <sup>2</sup>
Injection Capacity	74 cm <sup>3</sup>
Injection Weight (P.S)	85 GMS.
Injection Rate	57 cc/s
Screw Speed	0-150 r.p.m
Screw Stroke	120mm
Nozzle Stroke	150 mm
Nozzle Contact Force	2.4 tf
<b>CLAMPING UNIT</b>	
Clamping System	Hydraulic
Clamping Force	25 Ton
Clamping Stroke	215 mm
Max. Mould Space	360 mm
Min. Mould Height	145 mm
Space Between Columns(mm)	370×200 (H×V)
<b>ELECTRICAL EQUIPMENT AND GENERAL</b>	
Drive Motor (kw)	3.7 (5HP)
Heater(kw)	2.3
Dimension Of Machine(m)	1.25(L) x 1.0(W) x 2.9 (H)
Weight Of Machine(t)	0.9
Oil Tank Capacity(l)	120
Cooling Water (l/hr)	600-800