

# H&M7500 ( 桌上型 )

## Single station Low pressure molding machine

### 应用范围

适用于各式低压热熔胶成型树脂对产品注胶封装；其制程压力低 0-6Mpa，不损伤零部件，无化学反应，快速成形。可取代灌密封胶与外壳，成形后有保护，绝缘与防水效果。广泛应用于：各类汽车电子与汽车线束、同轴线缆、防水接插件、LED 模块与串灯、PCBA 模块、传感器、线圈、软性电路板、聚合物电池、智能家居、可穿戴电子产品的批量生产。

### Application scope

Suitable for product coating by all kinds of low pressure molding hot-melt adhesive resin; The working pressure from 0 to 6 Mpa, It won't damage parts, have no chemical reaction, rapid prototyping, and can replace the pouring sealant with shell. After forming protection, It has insulation and waterproof effect. KONIG Low pressure injection molding solution is Mainly applied to bulk-production of Automotive Electronics and automotive wiring harness, coaxial cable, waterproof connectors, LED modules and lamps, PCBA, sensors, coil, soft circuit boards, polymer battery, smart home, wearable electronic.

### 设备特点

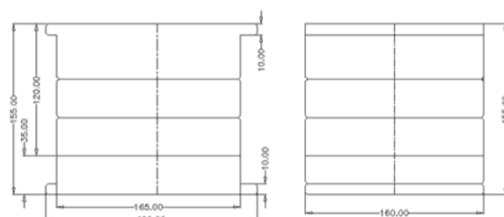
1. 胶缸、胶管、合模机构等一体化设计，占地面积较小，可放置在生产线上进行生产。
2. 配有标准模具，适合中小型模具注胶。
3. 模具形式为一个上模对两个下模，工作台左右移动进行注胶生产，效率高。
4. 模具采用热流道控制，无水口料，节约成本。
5. 注胶系统采用最新超硬齿轮泵，结构紧凑，注胶稳定，使用寿命长。
6. 注胶压力大小可通过操作面板压力调节阀进行调节。
7. 机台分段控温，胶缸、胶管和模具均可独立控制，温度控制精准。

### Features

1. Melting Tank, hose and cylinder clamping mechanism use the integration of design, small occupation area, can be placek on the production line for production.
2. Equipped with standard mold, suitable for small and medium mould injection.
3. The mould structure divided into one upper mold and two lower mold, the workbench can move around to inject. It has high efficiency.
4. The mould is equipped with hot runner, no waste rubber and save cost
5. Injection system using the latest super hard gear pump and glue guns, it has compact structure, injecting stability, long service life.
6. Single and vertical injection glue gun, providing larger application space for more complex mould.
7. Injecting pressure can be adjusted through the control panel.
8. Three temperature controllers for all system components (mould, heated hose, Melt tank), controls the temperature accurately.

### 机器参数 Specification

机台尺寸重量	Machine Size	962mmX1003.5mmX1468mm (430Kgs)
包装尺寸重量	Packing Size	1262mmX1203.5mmX1668mm (470Kgs)
工作台高度	Work Station Height	880mm
熔胶系统型号与数量	Melting Tank Model &Q'ty	KH02 (2Liter)X1PC
注胶管型号与数量	Heated Hose Model &Q'ty	KJ05X1PC
输入电压	Electricity	220VAC/1Phase/50 or 60Hz
温控分区	Temperature Control Zones	3



标准模架 Standard mold set

最高设定温度	Temperature Range Ambient	up to 250°C
最大功率	Max. Power	3.0Kw
最低工作气压	Min. Air Pressure	0.5Mpa
用气量	Air Consumption	0.1m³/min
合模方式	Clamping Device	气缸(Cylinder)
合模压力	Clamping Force	Max.1.2Ton
合模行程	Clamping Stroke (mm)	150mm
滑轨行程	Sliding Stroke(mm)	300mm
控制系统	Control System	PLC+7" HMI
标准模具尺寸 ( mm )	LPIM Standard Mold Set Size (mm)	190X160X155

