

# H&M400

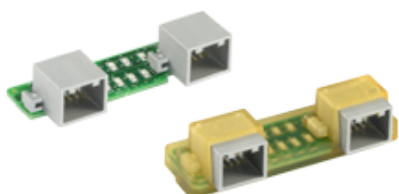
**KÖNIG**  
康尼格

## Single Station Low Pressure Molding Machine

### 低压注塑设备（单枪）

适用于低压注塑热熔胶材料对电子元器件注塑封装保护，为敏感电子元器件，如：PCB/FPC，传感器，连接器，线束，电池等，提供更优的封装保护。

The machines are engineered for Low Pressure Injection Molding applications. Using hot-melt adhesive material to protect delicate electronic components, such as PCB/FPC, sensors, connectors, wiring harness, batteries, etc.



#### 特点

- 注胶系统采用高可靠性的齿轮泵和注胶枪，结构紧凑注胶精准稳定。
- 设备分段控温，胶缸、胶管和胶枪均可独立控制，温度控制精准。
- 注胶压力通过面板压力阀进行调节，操作简便。
- 操作台和熔胶系统采用分体布局，使用灵活。
- 操作台设有产品顶出装置，方便取出产品。
- 工作保护采用双手同时启动按钮，同时配备安全光栅。
- 采用标准模架设计，实现快速换模。
- 设备采用模块化设计，便于维护和保养，使用寿命长。

#### FEATURES

- Injection system using high reliability gear pump and glue gun, to realize precise and stable injection with compact structure.
- The cylinder, hose and gun can be controlled independently, and the temperature control is accurate.
- Injecting pressure is easy to adjust through the control panel.
- Work station and melt system adopts fission layout and uses flexible.
- The operating table is equipped with an ejection device to facilitate the removal of products.
- Working protection uses two-hands start button, also with infrared safety grating.
- With standard mold design to realize rapid die change.
- The equipment adopts modular design, which is easy to maintain.

立式注胶 | 更大应用空间 | 单枪双枪可扩展  
适合复杂的多模穴和滑块机构的模具

Vertical injection nozzle, designed for large application space, single and double nozzle can be chose. Suitable for complex mold with multi cavities and slide mechanisms.



#### 低压注塑工艺 Low Pressure Injection Molding



150~200°C  
极低的注塑温度



1.5~60bar  
极低的注塑压力



1S  
成型速度快至1s



IP67  
防水防尘

以上数据取决于具体产品，可能存在变化  
Characters depend on project.

# H&M400

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Vertical injection  
Larger application space  
立式注胶 | 更大应用空间

熔胶系统与数量 Melting Tank Model&Q'ty	KH05 (5 Liter)×1PC
注胶枪型号与数量角度 Nozzle&Tip Angle	KG40×1PC(36°)
注胶管型号与数量 Heated Hose Model&Q'ty	KJ16×1PC
输入电压 Electricity	220VAC/1Phase/50 or 60Hz
用气量 Air Consumption	0.1 m <sup>3</sup> /min
温控分区 Temperature Control Zones	3
最高设定温度 Max. Setting Temperature	up to 250°C
最大功率 Max. Power	4.5Kw
最低工作气压 Min. Air Pressure	0.5Mpa
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
标准模具尺寸 Standard Mold Size(mm)	200×150×150
最大模具尺寸 Max. Mold Size(mm)	300×200×150
控制系统 Control System	PLC+7" HMI
工作台高度 Work Station Height(mm)	940
机台尺寸重量 Machine Size(mm)	830×800×1840 (373Kgs)
包装尺寸重量 Packing Size(mm)	1030×1120×2040 (423Kgs)

**高生产效率**  
High Efficiency



低温低压，成型快速，无损敏感电子元器件  
Perfect protect sensitive electronic components with low temperature & low pressure

**高产品良率**  
High Yield



模具成型，高一致性，培训简单操作便捷  
High consistency with mold forming, easy to operate

**节约材料**  
Save Material

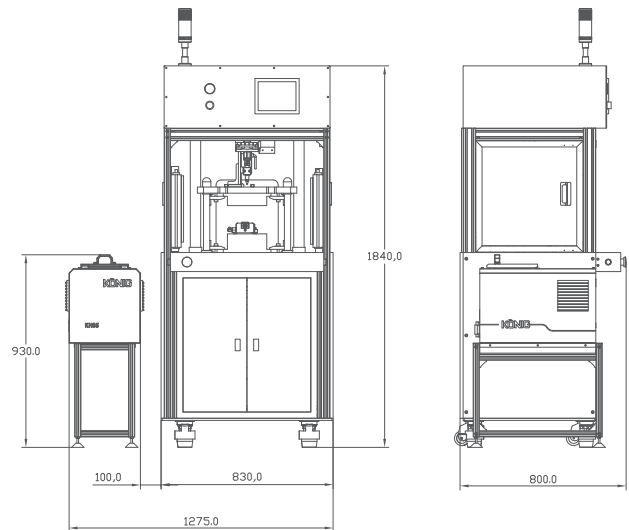


无需灌封外壳，无需多次操作，一次快速成型  
No need plastic shell, no need to operate many times

**和谐生产环境**  
ECO Friendly



生产过程中无有毒烟气产生，无化学反应  
No toxic smoke during production process



可选注胶平台 Injection Platform	<input type="checkbox"/> 立式注胶 Vertical type	<input type="checkbox"/> 侧式注胶 Horizontal type	<input checked="" type="checkbox"/> 单枪注胶 Left-right transfer mode	<input type="checkbox"/> 双枪注胶 Single injection nozzle
可选配设备 Optional Equipment	<input type="checkbox"/> 材料干燥机 Material dryer	<input type="checkbox"/> 冷水机 Water chillers	<input type="checkbox"/> 上下料机械手 Loading manipulators	<input type="checkbox"/> 自动加料系统 Automatic feeding system

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