

# Electrical and Hybrid Modules

## EHM平台

### e·TE II 全电式 & h·TE II 混电式同平台

e-TEII All Electric & h-TEII Hybrid share the same platform

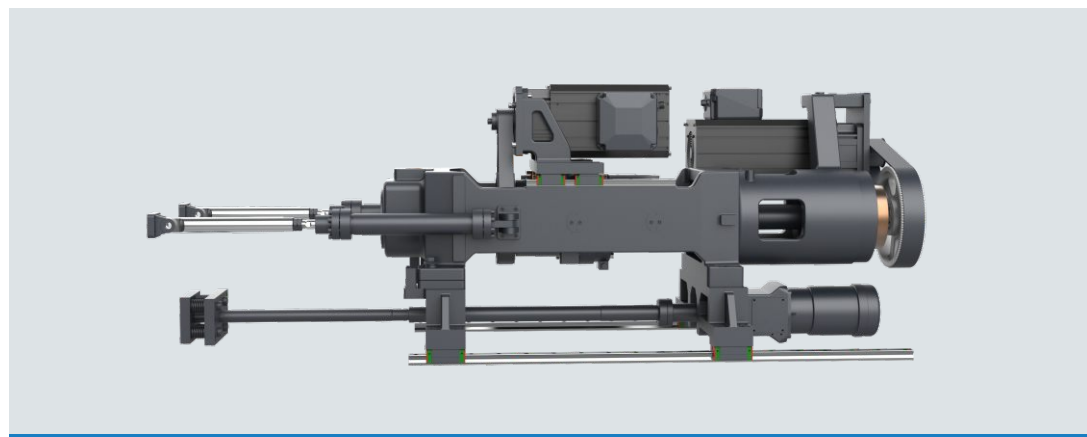
- e·TE II 针对高洁净应用场景;
- h·TE II 针对液压机制造升级的所有场景;
- IU射台 对应场景细分注射特性:
  - IU 低速, 长保压、厚壁制品
  - IU h 中速, 薄壁制品
  - IU hs 高速, 超薄制品
- e-TEII: Specialized for high clean application occasions;
- h-TEII: Specialized for all scenarios of the manufacturing and upgrading of hydraulic IMM;
- IU Injection Unit: Subdivision of injection characteristics by corresponding occasions:
  - IU: Normal speed, long pressure holding, thick-wall products
  - IU h: Medium speed, thin-wall products
  - IU hs: High speed, ultra thin-wall products



液、电顶出  
Hydraulic, electric ejection



液、电调模  
Hydraulic, electric mold thickness adjustment



液、电座移  
Hydraulic, electric carriage movement

# Clamping Unit

## 锁模单元

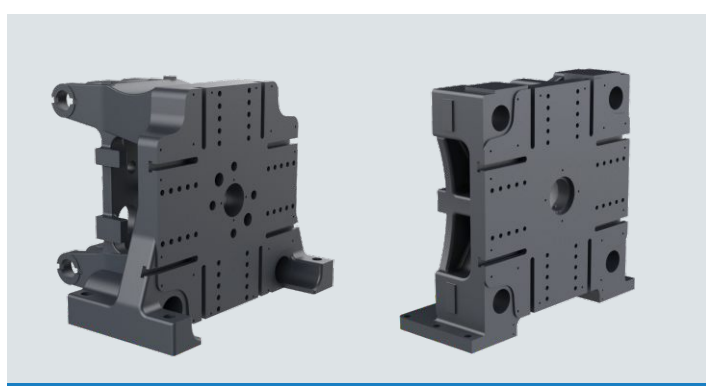
- 精心设计的运动曲线, 开合模平顺;
- 高刚性模板, 制品稳定的同时更好的保护模具;
- 大众化容量设计, 满足模具安装需求;
- 可选线轨支撑, 运动更轻盈。
- Well-designed movement curve, smooth mold opening and closing;
- High rigidity platen, stable product quality and better protection of mould;
- Popular design of min.-max. mould thickness, meet the requirements of mould installation;
- Optional linear guide rail support for lighter movement.

### 高稳定性模板

High Stability Platen

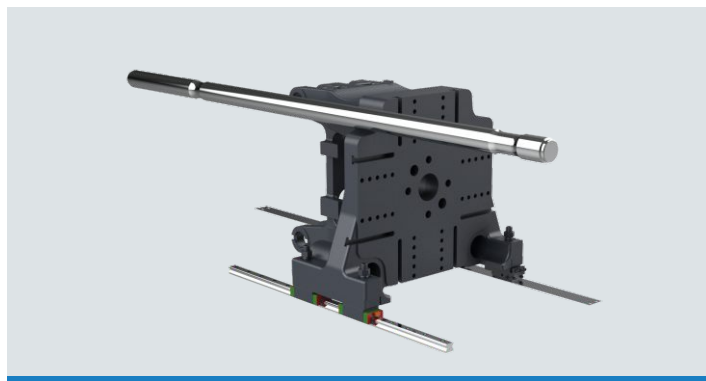
**宽大支撑脚, 稳定的动态支撑, 开合模平稳, 更好的保护模具及机器。**

Wide support for platen and mould, stable dynamic support, stable mold opening and closing, better protection of mould and machine.



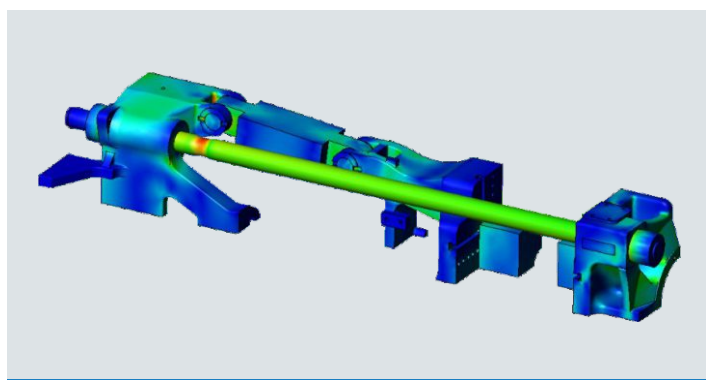
**非接触式拉杆, 拉杆无需润滑, 减少污染物, 减少哥林柱拉伤;**  
**可选线性导轨, 低阻尼, 运行更平稳, 低压模保更灵敏。**

Non-contact tie bar, free from lubrication, reducing contaminant and tie bar strain.  
Optional linear guide rail, low damping, more stable motion, more sensitive low pressure mould protection.



**高刚性模板, 充分的应力分析, 设计强度恰当。**

High rigidity platen, full stress analysis, appropriate strength design.



# Injection Unit

## 注射单元

- 模块化设计，可适配各种工况；
- 高刚性结构，制品成型稳定；
- 线轨支撑，低速控制<1mm/s。
- Modular design, applicable to various working conditions;
- High rigidity structure, stable product quality;
- Linear guide rail support, low speed control <1mm/s.

### 高刚性结构

High Rigidity Structure

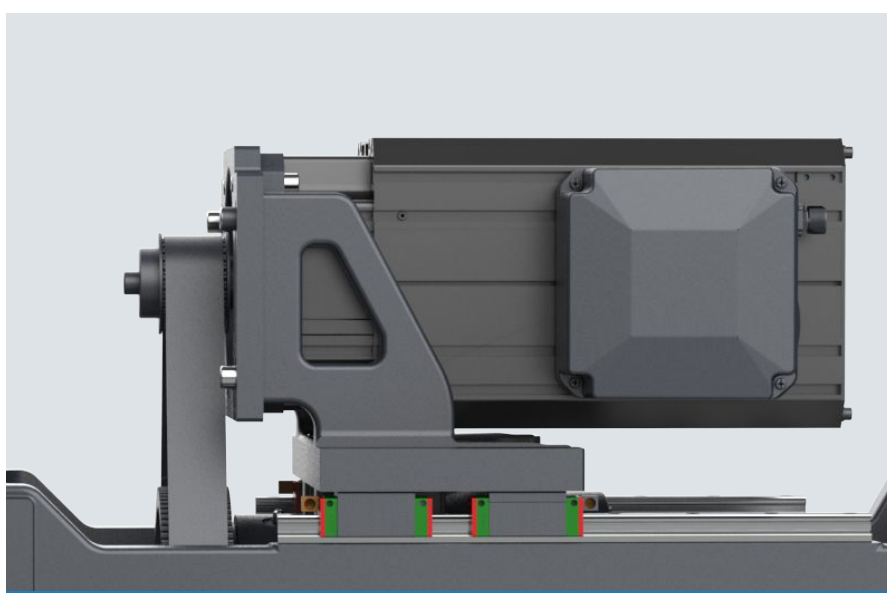
**一体式注射座，刚性高，结构稳定，控制更精准。**

Integrated injection unit, high rigidity, stable structure, more precise control.



**线性导轨，低阻尼，压力检测更灵敏，压力控制更精准。**

Linear guide rail, low damping, more sensitive pressure detection, more accurate pressure control.



# Topstar User Interface

## TUI人性化交互页面

- 人性化设计，操作更便捷；
- 功能更简洁、布局更合理。
- Humanized design, more convenient operation;
- More concise functions and more reasonable layout.

The screenshot displays the Topstar User Interface (TUI) with the following elements:

- Header:** TOPSTAR logo, process number (6), process name (Process exp...), date and time (23-3-23 下午2:38), and various status indicators (0.00 mm, 0.00 mm, 0.00 mm, 0 rpm, 0.0 MPa).
- Parameters:**
  - 程序版本: TE.KE.V4.01.000
  - 模具数据: 2
  - 合模力: 1200.0 kN
  - 螺杆直径: 32.00 mm
  - 泵压力: 0 bar
  - 泵流量: 0 %
  - 油温: 28.0 °C
  - 料斗: 28.0 °C
- Timing:**
  - 周期时间: 0.00 s
  - 合模时间: 0.00 s
  - 座进时间: 0.00 s
  - 射胶时间: 0.00 s (3.00 s)
  - 保压时间: 0.00 s
  - 熔胶时间: 0.00 s
  - 冷却时间: 0.00 s (3.00 s)
  - 座退时间: 0.00 s
  - 开模时间: 0.00 s
  - 顶针时间: 0.00 s
- Machine Status:**
  - 实际值: 0
  - 剩余值: 0
  - 预设值: 10000
  - 产品计数: 0
  - 保压终点: 0.00 mm
  - 切保位置: 0.00 mm
  - 垫料位置: 0.00 mm
  - 注射峰压: 0.0 MPa
  - 熔胶终点: 0.00 mm
  - 熔胶扭矩: 0.0 %
- Navigation:** A bottom toolbar with icons for 总览, 模板, 顶针, 中子, 注射, 熔胶, 射台, 加热, 生产, 警报, 维护.
- Right Panel:** Includes buttons for 快设, SPC, 周期时间, 记事本, and a help icon.