

API SERIES

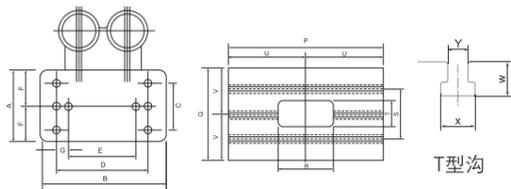
High-speed precision press machine

25T~60Tons

API系列高速精密冲床

- Adopt integrated high-strength casting machine, with stress relief, to guarantee long-term precision.
- Three-circle guide pillar slider structure, adopting alloy steel bush and forced lubrication, so that thermal change can fall to the minimum while precision may reach to the maximum.
- 采用一体化的高强度铸件机器，经应力消除，确保长期精度。
- 三圆导柱滑块结构，采用合金钢衬套，配合强制润滑，使热变降至最小而精度达到最高。

上(下)工作台 Slide bolster



- Dynamic equilibrium system is used to balance bent axles and vibration generated when slider runs up and to control stability of bottom dead center.
- Manual moulding-height adjustment is equipped with moulding-height indicator and oil-pressure clamping device.
- 动态平衡系统，以平衡曲轴，滑块高速运转时产生的震动，控制下死点稳定性。
- 手动式模高调整，配有模高指示器及油压锁模装置。



性能特点 Performance feature

- Human-computer interface (electronic cam + rotary encoder) operation is convenient and accurate.
- Operating functions are integrated on LCD, displaying engine base's malfunction contents automatically.
- Adopt highly sensitive and reliable clutch/brake and internationally top duplex magnetic valve, to guarantee precision and safety for operation and stop of press rams.
- With thorough electric loop design, they can be matched with various automatic devices, to conduct automatic production, to reduce cost, and to improve efficiency.
- 人机界面（电子凸轮+旋转编码器）操作方便准确。
- 操作功能集成于液晶显示屏，机座故障内容自动显示。
- 离合器/刹车器装置高度灵敏，国际顶尖单联电磁阀，确保冲床滑块运转及停止精确性和安全性。
- 周密型之电气回路设计，可搭配各种自动化设备，进行自动化生产，降低成本，提高效率。

标准配置 Standard configuration

- | | | | |
|-----------------------|--------------|--|---|
| > 顶点停止 | > 卡模解脱装置 | > Top stop | > Air source connector |
| > 手动滑块调整装置 | > 主电机（可调速） | > Manual slider adjusting device | > Sticking release device |
| > 模高指示器 | > 油压锁模 | > Slide-height indicator | > Main motor (adjustable speed) |
| > 变频器 | > 机械式曲轴角度指示器 | > Inverter | > Hydraulic die lacker |
| > 可编程序控制PLC | > 强制循环油装置 | > Programmable control (PLC) | > Mechanical crank angle indicator |
| > 触摸屏（预断、预裁、角度指示、总计数） | > 工具箱 | > Touch screen (pre-judge, pre-cut, and total count) | > Forced circulation oil device |
| > 编码器（电子）预留2组 | > 操作说明书 | > Encoder (electronic) reserved (2 groups) | > Tool box |
| > 机台前操作盒 | > 电源插座 | > Operation box | > Operating manual |
| > 空气源快速接头 | > 独立式电气箱 | | > Power socket |
| | | | > Independence electronic control cabinet |

选择配置 Optional configuration

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|-----------|----------|---------------------------------|-------------------------------|
| > 防震脚 | > 下死点检出器 | > Anti-vibration pad | > Bottom dead center detector |
| > 送料机 | > 油冷却机 | > Feeder | > Oil cooler |
| > 料架 | > 模具灯 | > Uncoiler | > Die light |
| > 材料油润滑装置 | > 喷风装置 | > Oil lubrication system device | > Air-blast device |

Model	A	B	C	D	E	F	G	P	Q	R	S	T	U	V	W	X	Y
API-25	205	300	150	212	190	102.5	25	600	300	200	180	100	300	150	30	30	18
API-45	320	420	150	340	260	160	40	700	415	240	240	120	350	205	40	37	22
API-60	340	550	240	360	300	170	40	840	470	320	270	160	420	235	40	37	22

技术参数 Technical parameters

名称	Name	单位	API-25	API-45	API-60
吨数	Capacity	ton	25	45	60
行程	Stroke	mm	30	30	30
每分钟行程数	Speed changing	s.p.m	200-800	200-700	200-600
闭合高度	Max.die height	mm	210	230	305
上工作台尺寸	Slide area	mm	300x205	420x320	550x340
下工作台尺寸	Bolster area	mm	600x300x80	700x415x100	840x470x105
滑块调整量	Slide adjustment	mm	30	30	30
落料孔	Bed opening	mm	200x100	240x120	320x160
主电动机	Main motor	kwxp	3.7	5.5	7.5
循环系统	Lubrication		Forceful Autom ation	Forceful Autom ation	Forceful Autom ation
变速系统	Speed control		Inverter	Inverter	Inverter
离合器及刹车	Clutch & brake		Air & Friction	Air & Friction	Air & Friction
顶点停止	Auto top stop		Standard	Standard	Standard
避震系统	Vibration system		Optional	Optional	Optional

All specifications, dimensions and design characteristics shown in this catalogue are subject to change without notice.

本公司随时进行研究改善的工作，因此本型录内所规定尺寸及设计特性，得以变更，不另行通知。