

Hot Forging Press

This hot forging press is designed for high-precision forging applications. It features a rigid frame construction and a high-capacity hydraulic system for powerful and controlled pressing force.



Overview

High-Performance Hot Forging Press

This advanced hot forging press is engineered for high-precision metal forming applications in demanding industrial environments. It features a robust, rigid frame construction with a four-tie-rod design to minimize deformation, ensuring consistent performance and structural integrity. Equipped with versatile operational features like flywheel brakes, advanced lubrication, and precision monitoring, this machine offers reliability and safety for multi-station forging processes.

Technical Specifications

Capacity Range	6000 KN to 160000 KN
Stroke Rate Range	30 rpm to 85 rpm
Effective SPM	5 to 21 strokes per minute
Main Motor Power	37 Kw to 800 Kw

Design Features

Structural Design

- Integral/split locking fuselage
- Four prestressed tie rods with hydraulic nuts
- Double-point connecting rod support
- Elongated eight-sided sliding block guide rail

Cooling System	Yes
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Key Equipment

- 滑块调节装置 Slide adjustment device
- 自动润滑装置 Auto lubrication device
- 上、下顶料装置 Slide and bed knockout device
- 飞轮制动器 Flywheel brake
- 双手操作按钮 Moveable two hand operation control pedestal
- 负载监控器 Loading monitor

Operator control pedestal and monitoring systems for enhanced safety and efficiency.

- 温度感应装置 Temperature sensor
- 模座 Die Set
- 快速换模装置 Quick die change device
- 自动上、下料装置 Automatic slide and bed knockout device
- 自动步进梁装置 Auto transfer unit
- 摇臂式换模装置 Radial die change device
- 光电保护装置 Safety Light Curtain

Integrated safety light curtains and automated die handling systems.

Standard Equipment & Accessories

Slide adjustment device, Auto lubrication device, Slide and bed knockout device, Flywheel brake, Moveable two-hand control, Loading monitor, Temperature sensor, Die set, Quick die change device, Auto transfer unit, Radial die change device, Safety light curtain

Model Comparison Table

Model Specifications

Model	Capacity (KN)	Motor Power (Kw)	Stroke (mm)
FPS-600	6000	37	250
FPS-1000	10000	55	250
FPS-2000	20000	110	300
FPS-4000	40000	200	400
FPS-8000	80000	400	480
FPS-16000	160000	800	600