Hot Die Forging Mechanical Press

This mechanical press is designed for hot die forging, offering high efficiency and reduced die contact time. It is suitable for extruding parts and forgings with branches or long shafts due to its high output power and flywheel inertia.

Overview

Precision Hot Die Forging Solutions

This mechanical press is engineered for high-precision hot forging processes, including open die-forging, closed die-forging, and extruding. Designed for demanding industrial environments, it features a straight-side assembled frame and high-inertia flywheel to ensure consistent output and durability. Its advanced design supports automated production lines and offers superior stiffness for high-accuracy component manufacturing.

Key Features

Operational Advantages

- High efficiency with reduced die/forging contact time
- Suitable for complex parts like steering knuckles, crankshafts, and connecting rods
- Straight-side assembled frame with hydraulic nut to prevent sticking
- X-shape slider guide rail for reduced thermal sensitivity
- Integrated monitoring for lubrication, tonnage, and axis temperature

Forging Capabilities	Open Die-Forging, Closed Die-Forging, Extruding
Industry Applications	Automotive, Construction Machinery, Bearings

Technical Specifications

Technical Parameters

Model	Nominal Capacity (KN)	Stoke of Slide (mm)	Strokes per Minute
MP-630	6300	220	110
MP-1000	10000	250	100
MP-1600	16000	280	90
MP-2000	20000	300	85
MP-2500	25000	320	80
MP-3150	31500	340	60
MP-4000	40000	360	55
MP-5000	50000	400	45
MP-6300	63000	450	50