



Function Features

- The oil cooler regulates oil temperature and maintains internal thermal balance, preventing unstable expansion caused by temperature fluctuations. This minimizes frame deformation and enhances BDC stability.
- The frame structure is optimized through finite element analysis (FEA) for rationalized design.
- High-strength cast iron frame undergoes annealing, rough machining and vibratory stress relief (VSR), thoroughly eliminating thermal stresses to ensure long-term precision.
- Centralized crank center lubrication eliminates swinging oil pipes, reducing breakage risks.
- Temperature-controlled oil cooling minimizes press thermal deformation.
- Tailored counter dynamic balancing system ensures stability during high-speed operation by compensating for upper die rebound.
- Gantry-type frame structure minimizes deflection during stamping compared to C-frame presses.
- Hydraulic slide locking/releasing device ensures press operation safety and enables easy die adjustment.
- Electric die height adjustment with position indicator enables easier operation.
- The PLC interface microcomputer control system or mobile console displays press angle, speed, and error message.



Standard Accessories

Accessories	Standard
Inverter	●
Die height indicator	●
Motorized die height adjustment	●
Inching mode	●
Dynamic balancer	●
Hydraulic slide locking device	●
Electric control box	●
T-mobile console	●
Oil cooler	●
Centralized lubrication system	●
Pneumatic rod-type C&B	●
Electronic cam switch	●
Front/rear safety doors	●
Crankshaft angle indicator	●
Scissor-type connector (24VDC)	●

Technical Parameters

Model		CHD-80			
Capacity	Ton	80			
Stroke	mm	20	30	40	50
Speed	S.P.M	200-600	200-535	200-465	200-400
Die-Height	mm	405-455	400-450	395-445	390-440
Bolster Area	mm	1250*750*140			
Slide Area	mm	1250*500			
Slide Ajustment	mm	50			
Bed Opening	mm	900*130			
Main Motor	HP/kW	30/22			
Gross Weight (approx.)	Ton	18.5			
Lubrication		Automatic Lubrication			
Speed Control		Inverter			
Clutch & Brake		Pneumatic Dry			
Auto Top Stop		T.D.C(Movable Control Panel)			
Shock Absorber		Damper/Spring Damper			

Accessories	Standard
Vibration isolation mounts	●
Main motor reversing mechanism	●
Mis-feed detection circuit and connector	●
Counter	●
Power socket	●
Air source connector	●
Work light	●
Tool box	●
Operation manual	●
Accessories	Optional
Die Arm/ Lifter	●