



CHS series
80-350T
Gantry Single Crank
Precision
High-speed Press

JAPAN JIS
Super Grade
Accuracy

Function Features

- Designed with a higher force application point than standard high-speed presses(force application point)
- The single-point press design with concentric-loaded steel tubes ensures press force transmission directly to the die.
- Optimized structure with minimal slide deformation and enhanced rigidity achieved through finite element analysis (FEA).
- Precise dynamic balancing system calculation maintains press stability and equilibrium even under ultra-high speed operation.
- Specially engineered anti-vibration structure effectively safeguards core components from vibration forces during high-speed stamping.
- The fully isolated oil/water circuit design ensures reliable operation in high-volume cutting oil and lubricant environments.
- High-speed operation with powerful tonnage output for efficient, heavy-duty production.



CHS-150

Technical Parameters

Model		CHS-150			
Capacity	Ton	150			
Stroke	mm	20	30	40	50
Speed	S.P.M	150-500	150-480	150-400	150-300
Die-Height	mm	265-315	260-310	255-305	250-300
Bolster Area	mm	900*620*220			
Slide Area	mm	900*500			
Slide Ajustment	mm	50			
Bed Opening	mm	(750)600*125			
Main Motor	HP/kW	40/30			
Gross Weight (approx.)	Ton	20			
Lubrication		Automatic Lubrication			
Speed Control		Inverter			
Clutch & Brake		Air & Friction			
Auto Top Stop		T.D.C			
Shock Absorber		Damper/Spring Damper			

Standard Accessories

Accessories	Standard
Inverter	●
Die height indicator	●
Electric die height adjustment	●
Die height accuracy 0.01mm	●
Inching mode	●
Dynamic balancer	●
Hydraulic slide locking device	●
Electrical Control Box	●
PLC HMI control system	●
Centralized lubrication system	●
Oil cooler	●
Pneumatic rod-type C&B	●
Electronic cam switch	●
Front/rear safety doors	●

Accessories	Standard
Vibration isolation mounts	●
Counter	●
Mis-feed detection circuit and connector	●
Scissor-type connector (24VDC)	●
Crank angle indicator	●
Main motor reversing mechanism	●
Power socket	●
Air source connector	●
Work light	●
Tool box	●
Operation manual	●
Accessories	Optional
Die Arm/ Lifter	●