



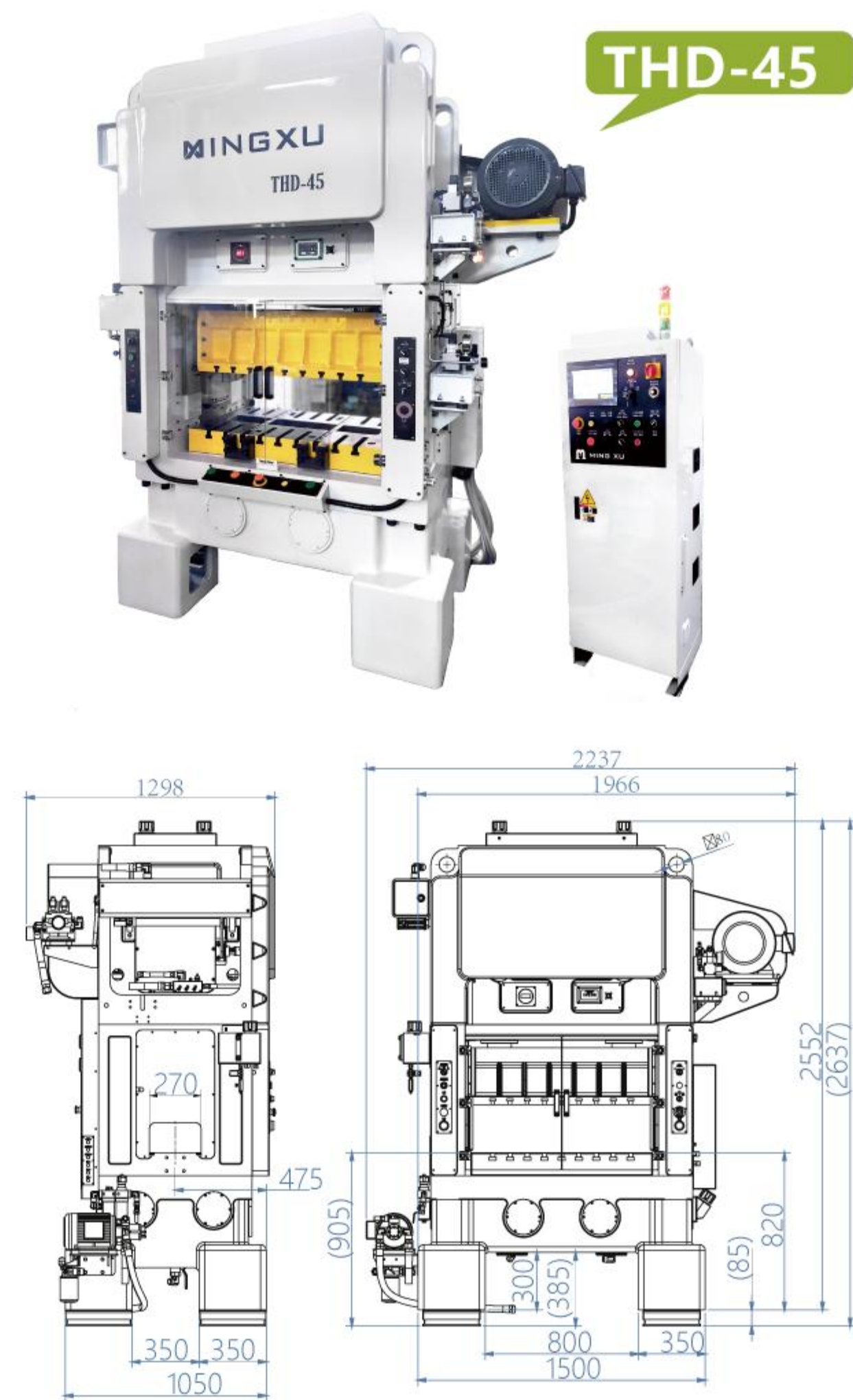
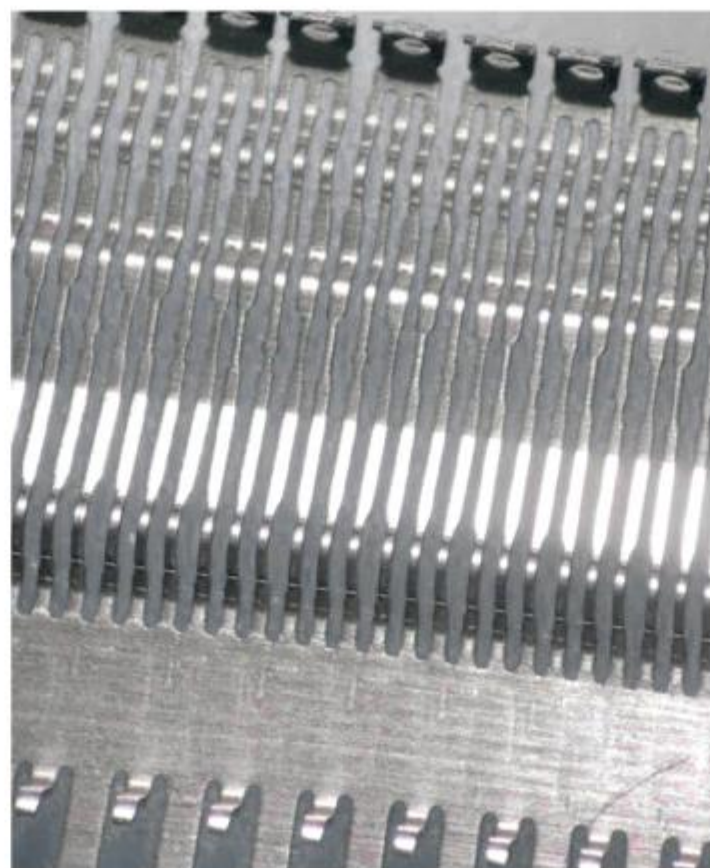
THD luxe series
Gantry Double crank
Precision
High-speed Press

JAPAN JIS
Super Grade
Accuracy

Function Features

- 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.
- Temperature-controlled oil cooling minimizes press thermal deformation.
- 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.
- Tailored counter dynamic balancing system ensures stability during high-speed operation by compensating for upper die rebound.
- Electric die height adjustment with position indicator enables easier operation.
- PLC HMI control system displays press angle, speed, and fault information.

5G Connector



Standard Accessories

Accessories	Standard
Inverter	●
Die height indicator	●
Electric die height adjustment	●
Inching mode	●
Dynamic balancer	●
PLC HMI control system	●
Centralized lubrication system	●
Oil cooler	●
Pneumatic rod-type C/B	●
Electronic cam switch	●
Front/rear safety doors	●
Vibration isolation mounts	●
Crank angle indicator	●

Technical Parameters

Model		THD-45			
Capacity	Ton	45			
Stroke	mm	20	25	30	40
Speed	S.PM	200-850	200-800	200-700	200-650
Die-Height	mm	190-240	190-240	190-240	190-240
Bolster Area	mm	950*550*120			
Slide Area	mm	930*400			
Slide Adjustment	mm	50			
Bed Opening	mm	(800)700*120			
Main Motor	HP/kW	15/11-4P			
Gross Weight (approx.)	Ton	7.6			
Lubrication		Automatic Lubrication			
Speed Control		Inverter			
Clutch & Brake		Air & Friction			
Auto Top Stop		T.D.C			
Shock Absorber		Damper/Spring Damper			

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