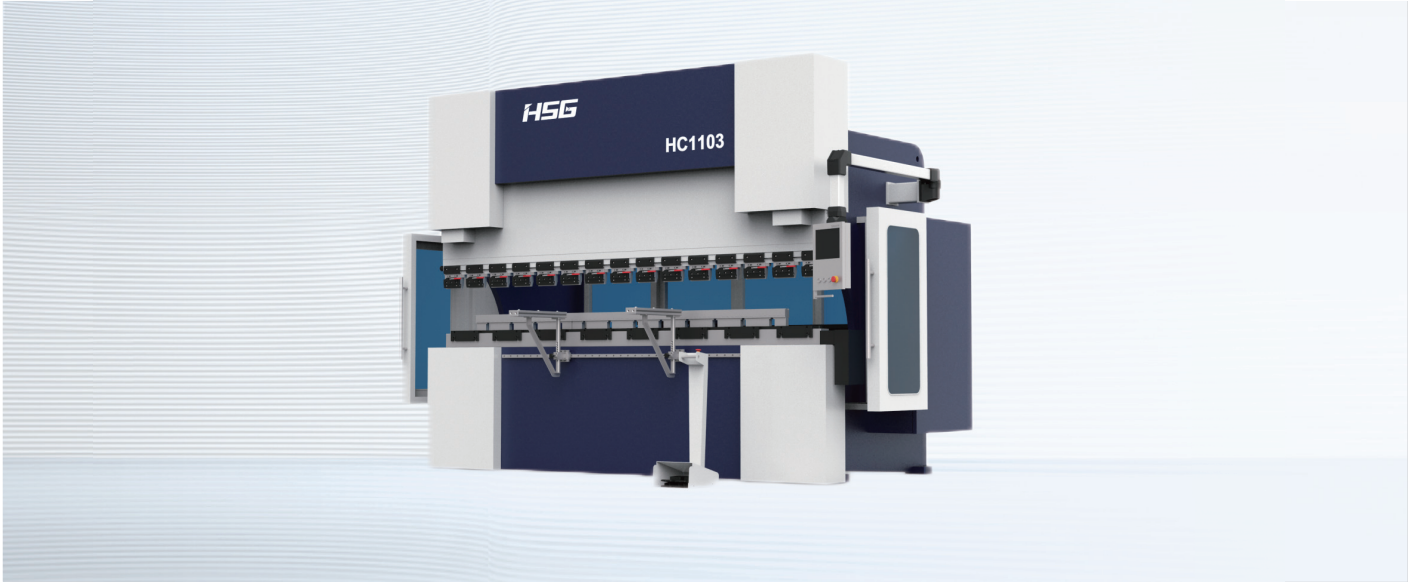
HC

Electro Hydraulic Servo Bending Machine

A BENDING MACHINE THAT COMBINES HIGH-QUALITY PROCESSING AND COST-EFFECTIVE



Bending Force	Number of CNC Axes	X Axis Positioning Accuracy	Y Axis Positioning Accuracy
60-400 Ton	4+1 axis	±0.05mm	±0.02mm

PRODUCT OVERVIEW

High-Performance Solutions of Bending

The electro-hydraulic servo bending machine has significant advantages such as high-precision control, high performance and stability, flexibility and ease of use, and energy conservation and environmental protection, and has a wide range of application prospects in the sheet metal processing industry.

STABLE OPERATION

Control system Netherland DA-53T

> Automatically calculate bending angle, main pressure and deflection compensation.
> Correct the bending angle and back gauges.
> Make mass bending possible with high-efficient programming.
> Enable wireless interconnection via desktop or notebook computer for software upgrades and data backup anytime.

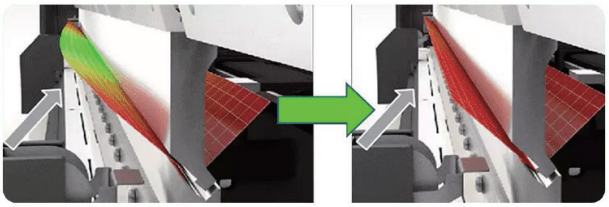
IMPROVE PROCESSING QUALITY

Automatic Compensation System for Mechanical Deflection

> Compensate the bending station laterally and vertically.

> Calculate compensation based on length, thickness and angle of bending workpiece.

> Take accurate control of compensation precision as a result of a high-precision potentiometer.

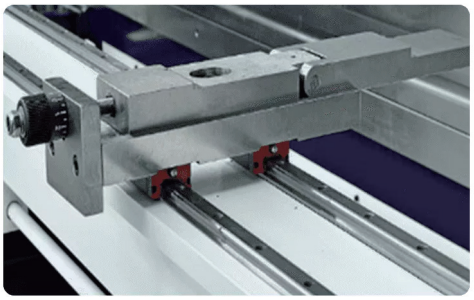


IMPROVE PRECISION

Back Gauges Positioning System

> Servo motor drives it to move backward and forward (X-axis), up and down (R-axis). Back gauges can extend four axises (X axis, R axis, Z1 axis and Z2 axis) and six axises (X1,X2,R1,R2, Z1,Z2) for easily bending.

> Configure four positioning fingers to prevent materials from sagging and defectives caused by any error.



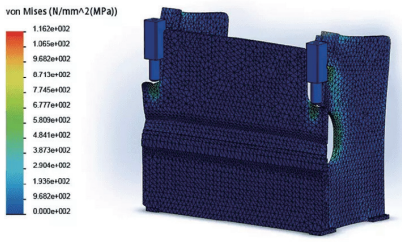
IMPROVE PRECISION

Highly-rigid Heavy Frame

> Welded by using high-quality carbon steel, creating high strength and rigidity.

> Carry out finite element analysis, ensuring tiny deformation.

> Once clamping and integral machining for totally guaranteed precision.



TECHNICAL PARAMETERS

Model	Bending force	Working table length	Y-axis power	Slider stroke	Maximum opening height	Throat depth	Whole equipment weight
HC6015	60 Ton	1500mm	8.5kW	160mm	470mm	400mm	3.5T
HC6020	60 Ton	2000mm	8.5kW	160mm	470mm	400mm	4T
HC8025	80 Ton	2500mm	8.5kW	200mm	470mm	400mm	7T
HC1103	110 Ton	3200mm	8.5kW	200mm	470mm	400mm	8T
HC1104	110 Ton	4100mm	8.5kW	200mm	470mm	400mm	9T
HC1303	130 Ton	3200mm	8.5kW	200mm	470mm	400mm	9.5T
HC1304	130 Ton	4100mm	8.5kW	200mm	470mm	400mm	10.5T
HC1703	170 Ton	3200mm	18kW/13kW	200mm	470mm	400mm	10.5T
HC1704	170 Ton	4100mm	18kW/13kW	200mm	470mm	400mm	12T
HC2203	220 Ton	3200mm	22kW/18kW	200mm	470mm	400mm	14T
HC2204	220 Ton	4100mm	22kW/18kW	200mm	470mm	400mm	15T
HC2503	250 Ton	3200mm	25kW/22kW	250mm	520mm	400mm	15T
HC2504	250 Ton	4100mm	25kW/22kW	250mm	520mm	400mm	16T
HC3204	320 Ton	4100mm	32kW/25kW	250mm	520mm	400mm	24T
HC3206	320 Ton	6000mm	32kW/25kW	250mm	520mm	400mm	27T
HC4004	320 Ton	4100mm	35kW/32kW	300mm	570mm	400mm	30T
HC4006	320 Ton	6000mm	35kW/32kW	300mm	570mm	400mm	36T

*Information and images are for reference only. Final specifications and terms are subject to the contract and may change without notice.