



As a global enterprise, HSG sticks to providing professional and convenient service support to customers at home and board

- Professional Training**
Multiple technical training services and free operation training are provided for customers and dealers in a timely manner.
- Efficient Support**
Humanistic service model, online services and 7*24 hotline to offer solutions and assistance.
- Optimized Transport**
Multi-channel transport solutions and a professional transport solution team providing various transport cases to satisfy the demand of customers and save transportation fees.
- Sufficient Accessories**
Highly efficient accessory delivery service; multiple network inventories jointly respond to accessory demand, shortening customers' waiting times and accelerating production.
- Careful Services**
Domestic door-to-door service and free proofing, with over 100+ dealers providing efficient and convenient services.



Website



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HC

Electro Hydraulic Servo Bending Machine

www.hsglaser.com

Company Culture

- SLOGAN**
Shape Metal, Shape Trust
- MISSION**
To support the high-speed growth of our customers
- VISION**
To be a world-leading provider of metal shaping equipments & comprehensive solutions

Company Profile

	19 Global Branches	
	100+ Countries Covered	
	5 Manufacturing Bases	
	30+ Global Service Centers	
	8,000+ Annual Capability	
	135,000m² Occupied Area	

HC

Electro Hydraulic Servo Bending Machine



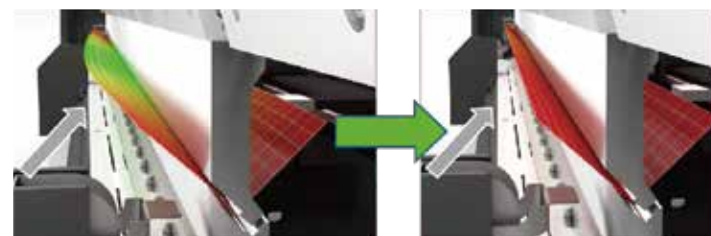
Technical Parameters

Product	HC6015	HC8025	HC1103	HC1104	HC1303	HC1304	HC1703	HC1704	HC2203	HC2204	HC2503	HC2504	HC3204	HC3206	HC4004	HC4006
Bending Force	600KN	1100KN	1100KN	1100KN	1300KN	1300KN	1700KN	1700KN	2200KN	2200KN	2500KN	2500KN	3200KN	3200KN	4000KN	4000KN
Main Motor Power	8.5kW	8.5kW	8.5kW	8.5kW	8.5kW	8.5kW	18kW	18kW	22kW	22kW	25kW	25kW	32kW	32kW	35kW	35kW
Rapid Descent Speed	200mm/s	200mm/s	200mm/s	180mm/s	200mm/s	180mm/s	180mm/s	180mm/s	180mm/s	180mm/s	180mm/s	150mm/s	120mm/s	120mm/s	90mm/s	90mm/s
Return Speed	200mm/s	140mm/s	150mm/s	140mm/s	150mm/s	140mm/s	140mm/s	140mm/s	140mm/s	140mm/s	120mm/s	120mm/s	90mm/s	90mm/s	70mm/s	70mm/s
Working Speed	10-15mm/s	10mm/s	10mm/s	10mm/s	10mm/s	10mm/s	10mm/s	10mm/s	10mm/s	10mm/s	10mm/s	10mm/s	10mm/s	10mm/s	8mm/s	8mm/s
Number of CNC Axes	4+1	4+1	4+1	4+1	4+1	4+1	4+1	4+1	4+1	4+1	4+1	4+1	4+1	4+1	4+1	4+1
Equipment Weight	3500kg	7000kg	9000kg	10200kg	9000kg	10200kg	10500kg	12000kg	12000kg	15000kg	14000kg	18000kg	21500kg	27000kg	22000kg	28000kg
Fuel Tank Capacity	200L	250L	300L	400L	300L	400L	400L	400L	400L	400L	400L	400L	500L	600L	500L	600L

* Machine appearance, technical parameters, function description, data comparison shown in this page are from HSG in-house laboratory. All testing results and experimental data shall be subject to real machine.

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.



Automatic Compensation System for Mechanical Deflection

- Compensate the bending station laterally and vertically.
- Calculate compensation based on length, thickness and angle of bending work-piece.
- Take accurate control of compensation precision as a result of high-precision potentiometer.

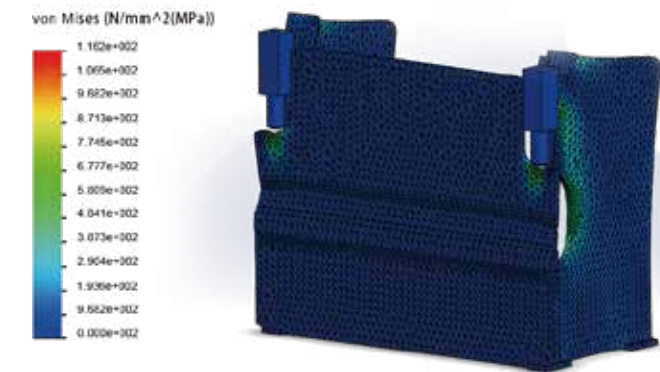
Back Gauges Positioning System

- Servo motor drives it to move backward and forward (X-axis), up and down (R-axis). Back gauges can extend four axes (X axis, R axis, Z1 axis and Z2 axis) and six axes (X1,X2,R1,R2,Z1,Z2) for easily bending.
- Configure four positioning fingers to prevent materials from sagging and defectives caused by any error.



Highly-rigid Heavy-duty Frame

- Welded by using high-quality carbon steel, creating high rigidity.
- Finite element analysis shows no deformation of frame.
- Once clamping and integral machining for totally guaranteed precision.



Bending Follow-up Trolley (Optional)

- Independent control system, work with any on-site bending machine.
- Get started quickly because of easy operation and fool-proof settings.
- Single-axis linkage for semi-automatic operation to reduce bending difficulty and achieve quickly mass production.

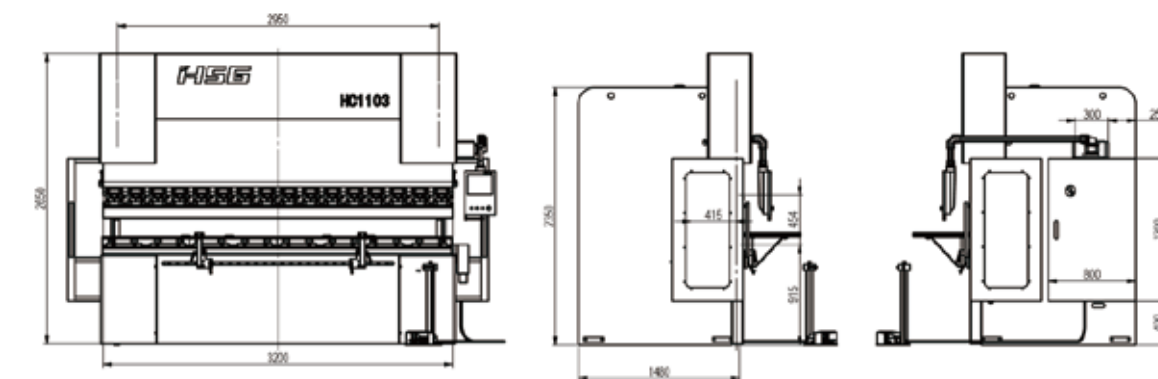


Safety Light Curtain (Optional)

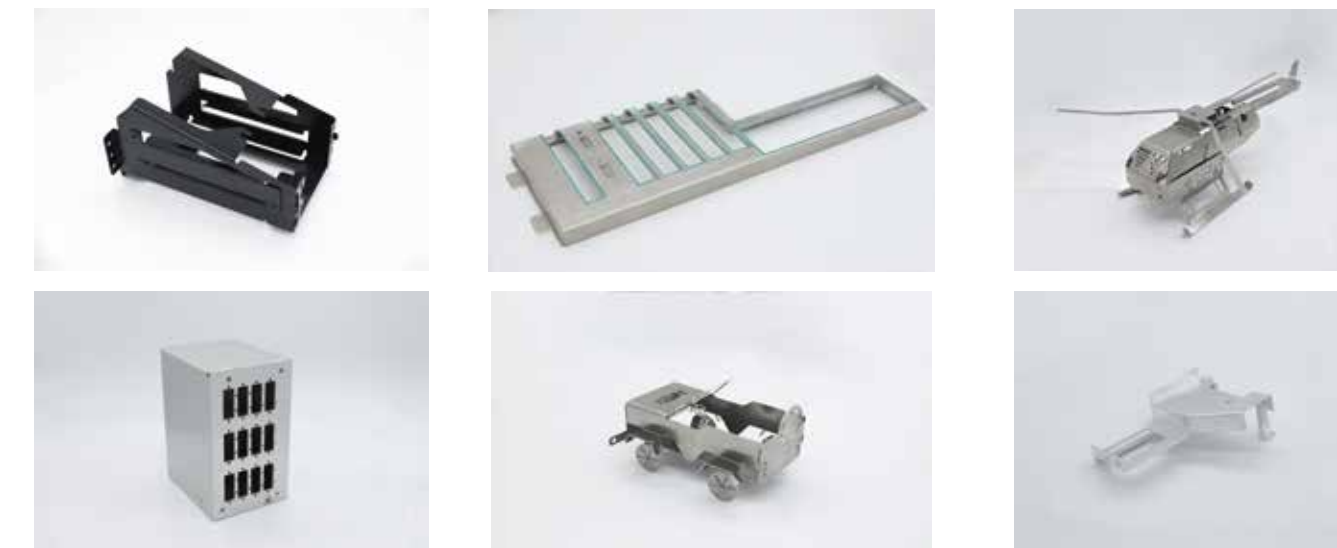
- The machine will stop cutting immediately when any intruder is detected to protect both workers and the machine.

Machine Foundation

*The marked size has about 10mm error
*Pictures of HC1103 are for reference only and subject to actual dimensions.



Bending Samples



Bending Capacity

Project		mm																						
v	b	lr	0.5	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.3	2.6	3.0	3.2	3.5	4.0	4.5	5.0	6.0	7.0	9.0	10	12	
4	2.8	0.7	40																					
6	4	1		40	70	110																		
7	5	1.1		40	70	100	140																	
8	5.5	1.3		50	50	80	120	150																
10	7	1.6			40	70	100	150	170															
12	8.5	2				60	80	110	150	220														
14	10	2.3					70	100	130	190	250													
16	11	2.6						90	110	170	230	280												
18	13	3							80	100	150	190	250	340										
20	14	3.3								90	110	170	220	300	340									
25	17.5	4								110	150	180	240	270	330	430								
32	22	5									120	140	200	270	340	450								
40	28	6.5											150	170	200	270	340	420						
50	35	8													140	160	210	270	330	480				
63	45	10														130	170	210	260	380	520			
80	55	13																210	240	300	410	670	850	
100	71	16																		240	330	350	670	960
125	89	20																			260	450	530	780
160	113	24																				420	600	600
200	140	33																					500	500

v: v width
t: thickness
b: minimum short-side
lr: center radius of the elbow

The actual machines shall prevail and above data & pictures are only for reference.