

LMS



UPSTROKE PRESS BRAKE WITH NC CONTROL



LMS INTERNATIONAL LIMITED



●北京

●天津

SHEET METAL PROCESSING MACHINES

PROFESSIONAL SUPPLIER IN CHINA

中国钣金加工机械专用设备供应商

LMS GH is a modern machine manufacturer, based on NC sheet metal equipment research and development, production, sales and after-service. To meet the standard of Europe and America, we are cooperating with NADIC Corporation (Japan) for R&D, and with advanced technology and imported tools. GH NC Series machines include press brake, turret punch, planer machine, cut coin machine, etc.

●武汉

本公司立足数控钣金设备研发、生产销售及售后服务为一体的现代化综合性企业。为实现产品达到欧美标准，本公司与日本NADIC株式会社共同合作研发，并以日方先进的技术和进口零配件，专业生产制造“GH”牌先进数控钣金设备产品：数控冲床、数控折弯机、数控刨槽机、数控剪板机、数控压铆机等。

●贵州

●云南

●广西

●广东



Mitsubishi NC system 三菱数控系统



■ Home Page
■ 主界面



■ Editor Page
■ 编辑界面



■ Operation Page
■ 运转界面

Keyence PLC monitor KEYENCE PLC显示器



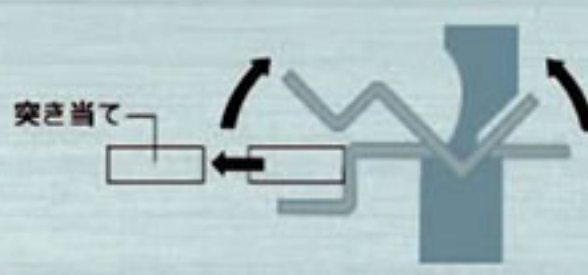
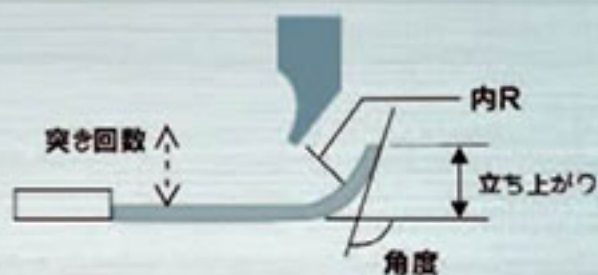
■ Arc Bending
■ 圆弧折弯



■ Pull-Back Bending
■ 后拉折弯



■ Slow-Acting Bending
■ 慢速折弯



Punch Holder 折弯机中间夹钳

To ensure operator easy change for the bending mould without a spanner, it saves time and brings efficiency to work.

- Lock the handle easily to tighten punching mould.
- It can be quick adjustment for the whole bending angle with inner wedge block and eccentricity regulating.

令操作人员快速安全地更换折弯刀具，无需扳手，大大地降低换刀时间，从而提高生产效率。

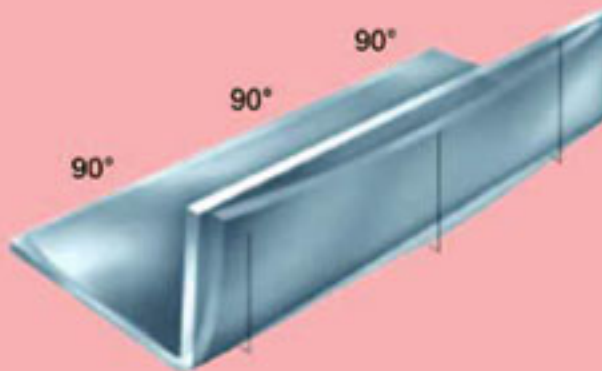
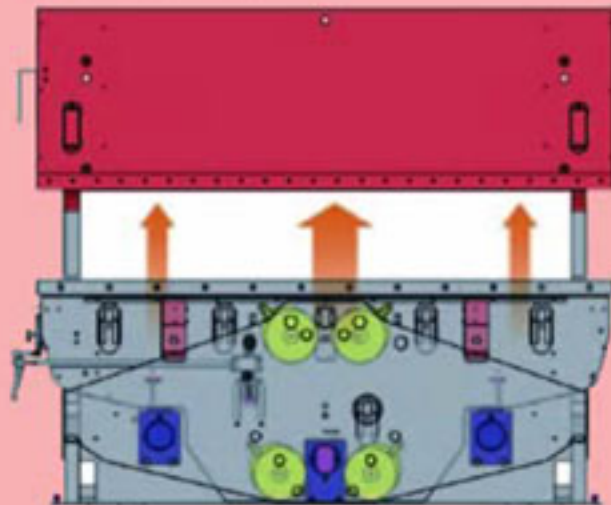
- 没有收紧打孔所需的工具，锁紧手柄；
- 内部调整模块，采用偏心调节，快速将整体折弯角度调整一致。

Intermediate Pressure System

Pressing on main middle part of work piece effectively prevents deformation and assures high precision.

中间加压方式

中间加压方式可防止产品中间变形，实现精度良好的产品加工。



Central Roller Guide Structure

Worktable moves steadily with long central roller guide structure and can be easily maintained.

中心滚柱导向结构

更长的滚柱导向结构方式，可使工作台平稳地移动，而且维护保养更容易。



Inserted Machine Frame

Compared with welded structure, inserted frame is more durable without deflection and long term maintains bending precision.

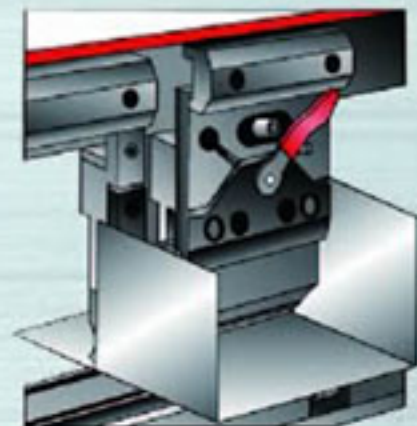
肉扣式机架

相比焊接的机架，肉扣式机架不会发生歪斜和挠曲，长期使用精度也不会变化。

Miniature components 微型部件

Miniature components bending

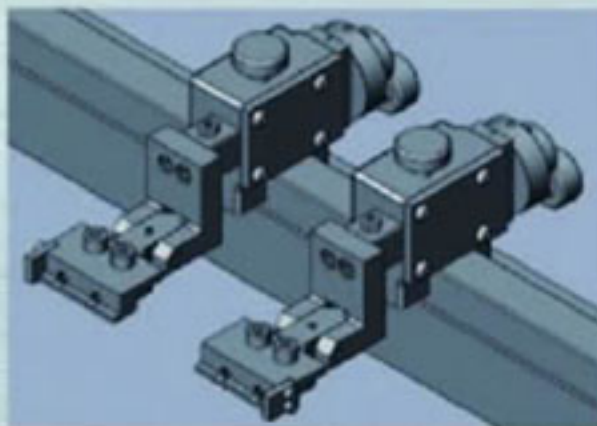
微型部件折弯



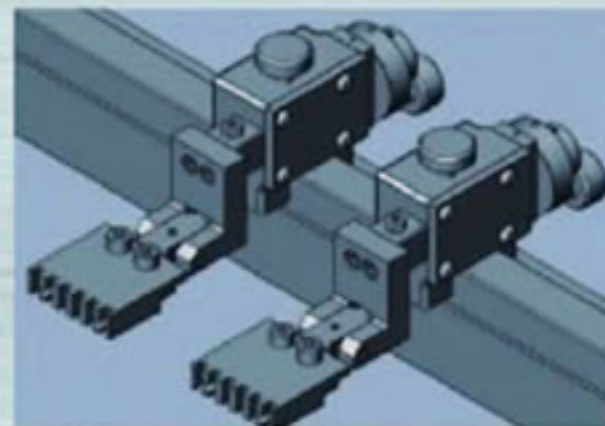
Bending length within 30 mm
便于30mm以内折曲

Backgauge block for precise positioning

精确定位的后定规



With side stoppers and stepped fingers
侧定规+前端段差



With micro joint clearance
微连接避让

Keane PLC with a pressure sensor 基恩斯PLC搭载压力传感器



Mould pressure induction

模具压力感应

■ Dimensions

Unit: mm

The image contains two technical drawings of a vertical shear machine. The left drawing is a side profile view showing the machine's footprint and height. It is labeled with dimensions: D (throat depth), E (open height), F (open width), G (worktable width), H (total height with AMNC/PC), I (total height), J (height of lower beam), and L (total depth). The right drawing is a front view of the machine, showing the worktable and side plates. It is labeled with dimensions: A (total width), B (worktable length), C (distance between side plates), and K (installation width). The worktable surface is depicted with a grid pattern.

Item / Model	GH-3512II	GH-5012II	GH-6020II	GH-1030II		
A. Total width (including side guards)	1735	1735	2575	3575		
B. Worktable length	1200	1200	2000	3000		
C. Distance between side plates	1020	1020	1020	2550		
D. Throat depth	200		400			
E. Open height	250 (including central plate)					
F. Open width	370					
G. Worktable width	60		90			
H. Total height with AMNC/PC	2060	2066	2405	2405		
I. Total height	1955	1955	1955	2300		
J. Height of lower beam	935	935	1030	1030		
K. Installation width	1209	1209	2090	3090		
L. Total depth	1405	1405	1460	1460		

■ Specifications

Item / Model		GH-3512II	GH-5012II	GH-6020II	GH-1030II
Press capacity	kN(ton)	350 (35)	500 (50)	600 (60)	1000 (100)
Maximum bending length	mm	1250	1250	2000	3100
Stroke length	mm	100	100	100	100
Ram high closing speed at 50/60Hz	mm/s	46/55	50/60	37/47	58/70
Bending speed at 50/60Hz	mm/s	8.0/9.5	9.0/11.0	9.0/11.0	10.8/13.0
Ram opening speed	mm/s	40	35	47	52
Machine weight	kg	1900	2900	3500	6700
Motor power	KW	2.2	5.5	5.5	11
Hydraulic oil tank capacity	L	30	50	70	95

■ Bending Length Reference for Different Thickness

Material Thickness (mm)	Die V Opening (mm)	GH-3512II	GH-5012II	GH-6020II	GH-1030II
2.3	14	1250	1250	2000	3100
3.2	25	1250	1250	2000	3100
4.5	40	1020	1020	1600	2940
6.0	50	720	720	1300	2080

The material tensile strength is 450~500 N/mm².

For details, please refer to pressure gage on bending tool catalog.

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