

# LMS INTERNATIONAL LIMITED

Website: [www.lmsmachinery.com](http://www.lmsmachinery.com)

# LMS



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## LMS INTERNATIONAL LIMITED

### DUCT MANUFACTURE AUTO LINE METAL SHEET MACHINE



*Professional Choice*  
*Professional Service*

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## ABOUT US

LMS International Limited is a Chinese manufacturer, specializing in hydraulic and NC metal sheet machinery, Pittsburgh lock machine etc. Our machines popular domestically in 30 province and worldwide in 61 countries. Southeast Asia, Middle East, Europe, America etc.

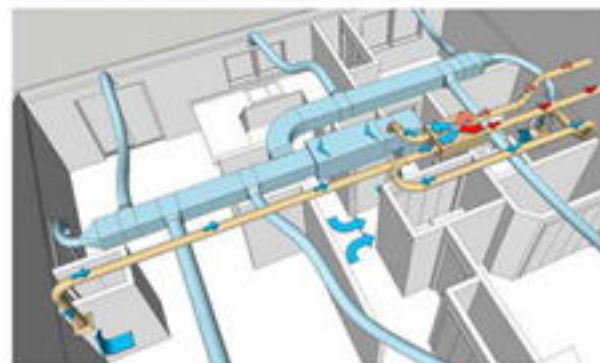
LMS manufactory is occupying 30,000 M<sup>2</sup> in Foshan City, the industrial center in Guangdong, Province, China. The adoption of high precision NC processing equipment is a foundation of quality guaranteed machines production and inspection. LMS achieves ISO 9001 Quality Management Systems Certificate and enjoys high reputation in domestic and overseas markets.

LMS will constantly honor its contracts and preserve its good will, aiming to developing business relation with customers from all over the world, strengthening mutual benefits and cooperation.



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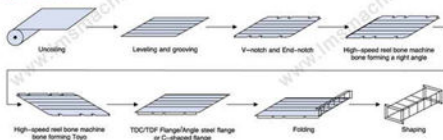


## DUCT MANUFACTURE AUTO LINE VI

- According to the requirements of our customers, new U shape structure can not only save the production space, but also reduce the working time on conveyor.
- 800mm plate material can be finished within 20-23 seconds. Daily output up to 2000-3000 m<sup>2</sup> per day.
- Servo mechanical feeder on beding is high precision, especially in processing "L" duct.
- High efficiency, small occupied area, low energy consumption, independent PLC control.



### WORK FLOW



### MAIN TECHNICAL PARAMETER

Model	Thickness in mild-steel(mm)	Max speed (M/min)	Max width(mm)	Coiler Weight(kg)	Dimension(mm)				Weight (kg)
					L(mm)	W(mm)	H(mm)		
10H-VI	0.5-1.2	15	1300/1500	6000	16000	9000	1500		20000

## DUCT MANUFACTURE AUTO LINE V

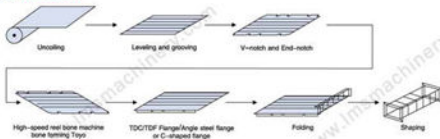
- Line V consists of decoller, leveling and grooving device, notching and cutting device, Pittsburgh lock machine, duplex transverse flange manufacturing machine, TDF hydraulic folder and CNC system. It's efficient, save work area by inline posting of machines.
- Daily output is 1000-2000m<sup>2</sup> with only 20mm waste in each coil material.
- The maximum speed is 15m/min. Product length tolerance is  $\pm 0.5\text{mm}$  and diagonal tolerance is  $\pm 0.8\text{mm}$ .

### ● BASIC EQUIPMENT

- Decoller
- Leveling & grooving device
- Four sets notching device
- Pittsburgh lock machine
- Duplex transverse TDF flange machine
- Hydraulic cutting device
- Industrial computer and specific software



### ● WORK FLOW



### ● MAIN TECHNICAL PARAMETER

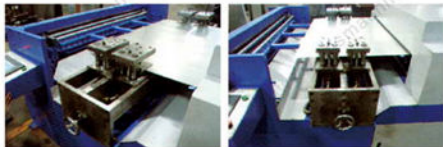
Model	Thickness in mild-steel(mm)	Max speed (M/min)	Max width (mm)	Coiler Weight(kg)	Dimension(mm)			Weight (kg)
					L(mm)	W(mm)	H(mm)	
XH-V	0.5-1.2	15	1300/1500	4500	24000	4000	1500	23000



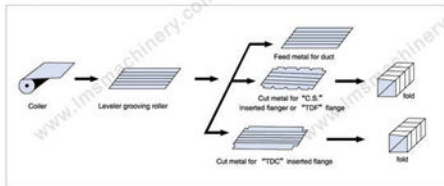


## DUCT MANUFACTURER AUTO LINE III

- Line III consists of decoiler, leveling and grooving device, notching and cutting device, hydraulic folder and computer control system. The decoiler inner diameter ranges from 400 mm to 510 mm.
- Industrial grade servo motor is applied to ensure manufacturing's stability and precision.
- Its control system is available for either Chinese or English version.
- The maximum feeding speed of Line III is 15m/min.
- Product length tolerance is  $\pm 0.5\text{mm}$  and diagonal tolerance is  $\pm 0.8\text{mm}$ .



### WORK FLOW



### BASIC EQUIPMENT

- A. Decoiler
- B. Leveling & grooving device
- C. Four sets notching device
- D. Hydraulic cutting device
- E. Industrial computer and specific software

### MAIN TECHNICAL PARAMETER

Model	Thickness in mild-steel (mm)	Max speed (M/min)	Max width (mm)	Motor (kw)	Coiler Weight (kg)	Dimension(mm)			Weight (kg)
						L(mm)	W(mm)	H(mm)	
XX-III	0.5-1.2	15	1300/1500	10	4500	2800/2500	1400/1800	1300/1500	4500



## SPIRAL DUCT FORMING MACHINE

The duct former can produce duct with maximum-thickness diameter 1.6mm. The machine is high intensity and well-sealed. Different diameters tubes change rapidly by a synchronization cutting device. It is produced according to European standard.



### MAIN TECHNICAL PARAMETER

Tube diameter	Thickness (mm)	Max speed (M/min)	Strip Width (mm)	Dimension (mm)			Weight (kg)
				L (mm)	W (mm)	H (mm)	
80-1400	0.5-1.2	0-26	137	2140	1530	1900	2100

## ELBOW NOTCHING MACHINE

Dual working table can increase the efficiency while changing the tools. It can work for 1.2mm G.I material and 0.6mm SS material. 120meters/min high speed.



### MAIN TECHNICAL PARAMETER

Range of diameter of elbows (mm)	Minimum angle of elbow (°)	Mild steel (mm)	Stainless (mm)	Aluminum (mm)	Recommended (mm) height of flange (mm)	Weight (kg)	Dimension (mm)
125-1000	30	0.4-1.2	0.4-0.6	0.4-1.0	5, 7.5, 10	710	1350*420*1170

## THE COMPACT HELIX OVALIZER

It's suitable for the ovalizer duct manufacture. After spiral duct, the ovalizer duct machine expands it into standard size. With the character of good shape, high efficiency, easy operation, it's indispensable for duct manufacture.



### MAIN TECHNICAL PARAMETER

Model	Motor (KW)	Max-length (mm)	Working range	Weight (kg)	Dimension (mm) (L×W×H)
TYFG-3100	22	3100	875X400 - 875X1000 / 8150X400 - 8150X1000 / 8175X400 - 8175X1000 / 8200X400 - 8200X1000 / 8250X400 - 8250X1000	3280	5000*1100*1200

## HYDRAULIC STAVING MACHINE

It's the supplement equipment for ovalizer duct. It's used before the working procedure of helix duct turns into ovalizer duct. The situation that the horizontal duct operates hard has changed. This is perfect equipment for ovalizer duct manufacture clients.



### MAIN TECHNICAL PARAMETER

Model	Motor	Max-dimension (mm)	Max-length (mm)	Weight (kg)	Dimension (mm) (L×W×H)
YBXH-100	4KW 380V/50HZ/3PS	200-100	1000-3100	1100	1800*1100*1200

## CNC PLASMA CUTTING MACHINE

- PCM-3100, PCM-5000, PCM-6000 three models for customer choice. It can equipped with fabrication FABrevier 2013, USA or PM2000, England (optional).
- Plasma Auto Cutting Machine is mainly used to cut thin metal sheets.
- It simplifies the cutting process for specific duct, thus dramatically liberates labor force, improves the working efficiency and saves material.
- It mainly consists of a cutting table, a computer system plasma generator and specific duct software.
- The computer system is of stable performance. Chinese and English operation prompts can be easily converted.



OPTIONAL: HUA YUAN generator, America HUPERTHERM or THERMADYNE plasma generator.

The computer system: English and Chinese can easily converted. The industrial computer can show the cutting shape, simulate cutting production and manual editing.

High precision driven system: TECO form Taiwan or Mitsubishi form Japan AC servo motor is optional for customer.

Form communication system: USB interface or remote long distance communication (optional).



### MAIN TECHNICAL PARAMETER

Model	Working table (mm)	Capacity (mm)	Cutting speed (M/min)	Motor(kw)	Weight(kg)	Dimension(mm)		
						L(mm)	W(mm)	H(mm)
PCM-3100	1300x3100	0.5-4	10	4	1200	4500	1900	1300
PCM-5000	1300x5000	0.5-4	10	4	1800	4450	2050	1400
PCM-6000	1500x6000	0.5-4	10	4	1800	7400	2050	1500

## ANGLE IRON AUTOMATIC PUNCHING MACHINE

The machine includes feeding, main machine, machine frame, conveyor, hydraulic Power and electrical control.



### EQUIPMENT FEATURES

- It's strong rigidity with shearing functions, high material utilization.
- Punching and shearing are all automatically operated.
- Computer equipped with friendly interface and displays the drawing workpiece easily.
- Only need to input the workpiece size, hole diameter, stadia and quantity when edit program. And it can also display the drawing workpiece by the data in software.
- Take measures to solve feeding difficulty and stadia error caused by the bending Angle.
- PLC, IPC control, servo motor and hydraulic power can offer high efficiency and stable working accuracy.
- Hydraulic, pneumatic and electric parts are famous brand in China.
- Equip with self-diagnostic and statistics function.

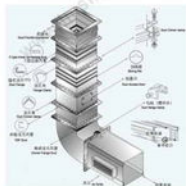
### MAIN TECHNICAL PARAMETER

ITEM	SPECIFICATION
Angle Size(mm)	3"30'30, 4"40'40, 5"50'50
Diameter of round hole	4.8
Diameter of wrist hole	10X14
Punching Force	15T
Punching Speed	30 times/min
Max Length of workblank	4m
Max Feeding Speed	25m/min
Feeding Motor	750w
Hydraulic Motor	5.5kw
Reducer	PJ090-10
Oil Pump	31L






## TDF FLANGE MACHINE

TDF used in the joint of duct part, this machine features easy handling, high efficiency and reliable transmission system. It is divided into two types: T-12, T-15, one side forms into transverse flange shape "E", and the other side forms clip shape "Q", the machine can still synchronization because it's with sliding roller at the same time. Both sides of bidirectional flange machine are formed into "E" of the same time. Its width range can be adjusted from 300mm to 1530mm. It's perfectly suitable for ducts with large sections.



● MAIN TECHNICAL PARAMETER

Model	Capacity(mm)	Shape	A-size (mm)	Motor(kw)	L×W×H Dimension(mm)	Weight(kg)
T-12	0.6-1.2		3450.5	3	2500×140×1200	1000
2-T-12	0.6-1.2		3450.5	5.5	2600×2300×1200	2500
T-15	1.0-1.5		3450.5	4	2800×700×1250	1500

## TDC FLANGE MACHINE

The flanging machine is used for large transverse acreage ventiduct. It is compose of feeding home, cold roll forming machine and cut-off parts.

The cut-off parts separated into grinding wheel and non-stop shearing machine system. And Non-stop shearing machine system can cut off by end switch, with little burr and auto production.



● MAIN TECHNICAL PARAMETER

Model	Motor (kw)	Capacity (mm)	Shape	Weight (kg)	Dimension (mm)	Model	Name	Capacity (mm)	a size	Shape
1-20	3	0.6-0.8	$\alpha=20$	2200	3450×700×1500	1-200C	Duct camera	2.5	$\alpha=75$	
1-30	3	1.0	$\alpha=30$	2500	3450×700×1500	1-300C	Duct camera	3	$\alpha=105$	
1-25	3	0.8	$\alpha=25$	2500	4300×750×1500	1-400C	Duct camera	3.5	$\alpha=123$	
1-35	4	1.0	$\alpha=35$	3000	4300×750×1500	1-30	Duct camera	3	$\alpha=105$	
1-40	4	1.0-1.2	$\alpha=40$	2500	3450×700×1500	1-350C	Duct camera	3	$\alpha=104$	



## CIRCULAR FLANGE FORMING LINES

- Description: HMI display, PLC Control.
- Capacity: 3-5mm for galvanized steel, angle iron and diameter 300-2000 flange production.
- Operation: Manual or auto.
- Equipment Function: Straight angle iron, flange roll forming and cutting.
- Hydraulic System: No-load power design.
- Electric System: Touch screen.



### MAIN TECHNICAL PARAMETER

Model	Capacity(mm)	Plate width(mm)	speed (m/min)	Motor(kw)	Cutting	Dimension(mm)	Weight(kg)
LXH-2050	2.5-5	80	1-10	25	hydraulic	8800x3000x1500	3900
LXH-4060	2.5-5	120	1-10	35	hydraulic	8800x3000x1500	4200

## WHISPER-LOCK SEAM CLOSER

Vertical sewing machine is a joint angle (Troy bone) and the ideal angle side seam, greatly improving productivity duct seam, the seam tight formation, does not damage the metal surface. For different thickness, any size can be processed within a certain range of the duct.



Pittsburgh/Single hem press



### MAIN TECHNICAL PARAMETER

Duct Size(mm)	Thickness(mm)	Length(mm)	Motor(kw)	Dimension(mm)	Weight(kg)
2150X150	0.5-1.2	1300/1500	3.0	850x850x2000	1500

## ROUND FLANGE PUNCHING MACHINE

- After setting the circular flange machine, servo motor automatically locate according to the size of different flange diameter.
- Input the diameter and number of holes, index plate is with servo location, tolerance is  $\pm 0.1mm$ . When the work piece is clamped, the servo motor will rotate.
- Capacity range is 300-2000mm.
- The supporting frame is with six-point locating to ensure the work piece be uniformly forced and firm. The mould is H13K, hardness up to HRC 60°



### MAIN TECHNICAL PARAMETER

Model	Capacity(mm)	speed (m/min)	Motor(kw)	Dimension(mm)	Weight(kg)
LXH-2000	1.5-4.0	1-15	4	4300x2300x1800	1800

## UNIVERSAL MANUAL POWER SWAGING, TENNYING & WIRING MACHINE



LX-15



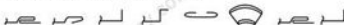
LX-10

### MAIN TECHNICAL PARAMETER

Model	Capacity (mm)	Shape	Motor(kw)	Weight(kg)	Dimension (mm)
LX-18	1.8		2.0	145	850x450x1180
LX-15	1.5		0.75	85	870x400x1000
LX-10	1.0		/	50	470x315x1030
LX-10A	1.0		/	30	400x400x1100

## PITTSBURGH LOCK MACHINE

The machine can execute the following lock shapes: Pittsburgh rolls, "C" drive cleat rolls, Right Angle rolls, "Z" cleat, ARC plate folder and Seam cleat.



### MAIN TECHNICAL PARAMETER

Model	Motor(kw)	Capacity(mm)	Shape	Weight(kg)	Dimension(mm)
LC-12	1.5	0.5-1.2	گرو کورس	215	1050×580×880
LC-12R	1.5	0.5-1.2	گرو کورس	220	1050×580×1050
LC-12R	1.5	0.5-1.2	گرو کورس	210	1050×580×880
LC-128R	1.5	0.5-1.2	گرو کورس	225	1050×580×1040
LC-12C	1.5	0.5-1.2	گرو کورس	210	1050×580×880
LC-12D	1.5	0.5-1.2	گرو کورس	215	1050×580×880
LC-120R	1.5	0.5-1.2	گرو کورس	230	1050×580×1050
LC-12M	1.5	0.5-1.2	گرو کورس	340	1050×450×1010
LC-15	2.2	0.7-1.5	گرو کورس	280	1140×440×920
LC-15R	2.2	0.7-1.5	گرو کورس	305	1150×440×1080
LC-15R	2.2	0.7-1.5	گرو کورس	285	1150×440×920
LC-158R	2.2	0.7-1.5	گرو کورس	305	1150×440×1080
LC-15C	2.2	0.7-1.5	گرو کورس	290	1150×440×920
LC-15D	2.2	0.7-1.5	گرو کورس	290	1150×440×1080
LC-150R	2.2	0.7-1.5	گرو کورس	310	1150×440×1080
LC-15M	2.2	0.7-1.5	گرو کورس	340	1420×450×1010
LC-20	3	0.7-2.0	گرو کورس	435	1650×480×1110

## TDF HYDRAULIC FOLDER



Pneumatic folder



Hydraulic folder

### MAIN TECHNICAL PARAMETER

Model	Bending length (mm)	Folding thickness for mild steel (mm)	Motor Power(kw)	Weight(kg)	Dimension L*W*H(mm)
WT 1.5X1300	1300	1.5	8	600	2000X750X1400
WT 1.5X1600	1600	1.5	8	700	2500X1000X1400
WT 1.5X2050	2050	1.5	8	950	2900X1000X1400

## TDF HAND FOLDER

Folder machine use steel welded structure, has strong bracketed structure.



### MAIN TECHNICAL PARAMETER

Model	Maximum sheet thickness (mm)	Maximum sheet width (mm)	Minimum folding distance (square (mm))	Weight (kg)	Dimension (L*W*H (mm))
WS 1.5X1300TDF	1.5	1300	200×200	390	1800X750X1370
WS 1.5X2000 TDF	1.5	2000	200×200	780	2840X820X1370
WS 1.5X2500 TDF	1.5	2500	300×300	1290	3150X820X1530

## ANGLE NOTCHING MACHINE

There are hydraulic type, pneumatic type and foot type, widely used in the industry like furniture, hardware, medicine, etc. Angle can be adjusted between 30° and 130° freely.



After rushed mouth shape can be customized



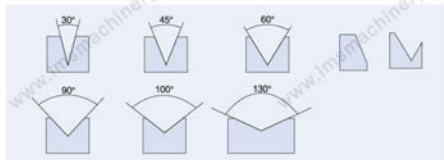
Q288 4x200  
Angle-adjustable Hydraulic power



Q28A 4x250  
Hydraulic power

### MAIN TECHNICAL PARAMETER

Model	Notching Thickness(mm)		Notching angle(°)	Motor(kw)	Dimension(mm)	Weight(kg)
	Mild steel	Stainless steel				
Q28A 4x250	0.5-4.0	0.5-2.0	90°	4.0	640x900x1050	640
Q28A 4x250	0.5-4.0	0.5-3.0	90°	4.0	740x1000x1100	740
Q288 4x200	0.5-4.0	0.5-2.0	30-130°	4.0	970x1100x1200	1055
Q288 4x220	0.5-4.0	0.5-3.0	30-130°	4.0	1070x1150x1200	1250



## MOTOR-DRIVEN SHEARER

The machine is widely used in medium and thick steel sheet forming in hardware manufacture and light industry. With steel welded structure, it's easy to operate and energy saving.



### MAIN TECHNICAL PARAMETER

Model	Max. notching Thickness(mm)		Cutting length(mm)	Cutting angle(°)	Cutting cycle Per minute	Dimension L x W x H(mm)	Weight(kg)	Main motor (kw)
	Mild steel	Stainless steel						
Q11-4X2500	0.5-4	0.5-2	2500	1.5°	18/min	3500x1500x1450	2100	5.5
Q11-2X2000	0.5-2	0.5-1	2000	1°30'	18/min	2800x1240x1300	1350	3
Q11-3X1300	0.5-3	0.5-1.5	1300	1°30'	18/min	2100x1240x1300	1000	2.2

## HYDRAULIC GUILLOTINE

The machine with optional NC back gauge, electric and manual back gauge. The working gap and hydraulic part is very easy to adjust, widely used in metal sheet industry.



### MAIN TECHNICAL PARAMETER

Model	Max cutting material(mm)		Cutting length(mm)	Cutting angle(°)	Cutting Times/Min	Dimension L x W x H(mm)	Weight(kg)	Main motor (kw)
	Mild steel	Stainless steel						
Q11Y-4 x 2500	0.5-4	0.5-2.5	2500	2°	14Times/Min	3100x1500x1400	3500	5.5
Q11Y-4.3 x 2000	0.5-4.3	0.5-3.5	2000	2°	14Times/Min	2400x1500x1400	2800	5.5
Q11Y-4 x 1300	0.5-4	0.5-2.5	1300	2°	14Times/Min	1900x1500x1400	1800	5.5
Q11Y-4 x 2500	0.5-4	0.5-3.0	2500	2°	14Times/Min	2700x1500x1400	3800	5.5



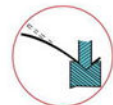
## HYDRAULIC FOLDER

The machine is hydraulic power design which is safe, stable and easy to maintain. The height of upper blade and the working angle is adjustable automatically. This machine is widely used in furniture, hardware industry.



W6Y-4 x 2500D

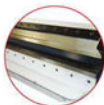
W6Y-1.5 x 1300D  
special for door industry



Traditional folding machine



Unique press and folding motion. Precision location, the workplace less deformed.



According to the requirements of customers, the blade can be segmented blade.

### MAIN TECHNICAL PARAMETER

Model	Folding length	Folding thickness (mm)	Evolution angle of the bending beam	Max. lifting height of the upper beam (mm)	Motor (kw)	Dimension (mm) L x W x H	Weight (kg)
W6Y-4 x 2500D	2500mm	0.5-4.0	0°-125°	170	5.5	3700 x 1060 x 1800	4500
W6Y-5 x 2000D	2000mm	0.5-5.0mm	0°-125°	170	5.5	3100 x 1060 x 1800	3100
W6Y-4 x 3100D	3100mm	0.5-4.0mm	0°-125°	170	5.5	4200 x 1060 x 1800	4500
W6Y-4 x 2500D	2500mm	0.5-4.0mm	0°-125°	170	5.5	3700 x 1060 x 1800	3820
W6Y-3 x 1300D	1300mm	0.5-3.0mm	0°-125°	170	5.5	2300 x 1060 x 1800	1800
W6Y-1.5 x 1300D	1300mm	0.5-1.5mm	0°-125°	170	5.5	2300 x 1060 x 1800	1500

## 3-ROLLER BENDING MACHINE

The upper roller can be separated for discharging workpiece, which is moved up and down by electricity power. Different models can be design for customers.



W11-180



W11-135

### MAIN TECHNICAL PARAMETER

Model	Max. thickness (mm)	Max. width (mm)	Yield limit (mpa)	Min. roll diameter full capacity (mm)	Top roller diameter (mm)	Bottom roller diameter (mm)	Motor (kw)	Weight (kg)	Dimension W x H (mm)
W11-10 x 1300	10	1300	245	300	210	190	5.5/2.2	2425	2940 x 1100 x 1270
W11-8 x 2500	8	2500	245	300	210	190	5.5/3	3485	4100 x 1100 x 1270
W11-10 x 2000	10	2000	245	300	210	190	5.5/3	2890	3700 x 1100 x 1270
W11-6 x 3100	6	3100	245	300	210	190	5.5/2.2	5390	4600 x 1150 x 1450
W11-4 x 4100	4	4100	245	300	210	190	5.5/3	3500	5700 x 860 x 950
W11-4 x 1300	4	1300	245	200	135	115	3/1.5	1040	2250 x 720 x 1300
W11-4 x 1600	4	1600	245	200	135	115	3/1.5	1450	2600 x 720 x 1300
W11-3 x 2000	3	2000	245	200	135	115	3/1.5	1450	2800 x 720 x 1300
W11-2 x 3100	2	3100	245	200	135	115	3/1.5	2000	3900 x 720 x 1300

## MINI ASYMMETRICAL 3-ROLLER BENDING MACHINE

The machine is designed for thin sheet and pre-bending function is necessary. Easy to operate and reliable quality.



WR4-2000



W1-G1.5-1300

### MAIN TECHNICAL PARAMETER

Model	Max. thickness (mm)	Max. width (mm)	Yield limit (mpa)	Min. roller diameter full capacity (mm)	Top roller dia. (mm)	Bottom roller dia. (mm)	Side roller dia. (mm)	Main motor (kw)	Upper motor (kw)	Dimension L*W*H (mm)	Weight (kg)
WR4-1300	4	1300	245	200	135	135	150	2.2	1.5	2160*900*900	1250
WR4-2000	4	2000	245	200	135	135	150	3	2.2	3210*970*1314	1650
WR3-2500	5	2500	245	200	135	135	150	3	2.2	3750*770*1281	2020
W1-G2-1000	2	1000	245	100	72	72	/	1.5	/	540*1170*550	220
W1-G1.5-1300	1.5	1300	245	100	72	72	/	1.5	/	1800*1170*550	255
W1-G1.5-1530	1.5	1530	245	100	72	72	/	1.5	/	2050*1170*550	280

## CNC ASYMMETRICAL 3-ROLLER BENDING MACHINE

With the CNC system, the bending machine increase efficiency and mostly popular in decoration project, hardware manufacturing industry.



### MAIN TECHNICAL PARAMETER

Model	W1-K-1.5-1300			W1-K-1.2-1500		
Motor	2.3KW 380V/50HZ 3PS			2.3KW 380V/50HZ 3PS		
Minimum roller diameter(mm)	100			100		
Max length(mm)	1500	1300	1100	900	700	500
Max thickness(mm)	0.3	0.5	0.8	1.0	1.2	1.5
Weight(kg)	350			420		
Dimension size(L*W*H)	1800*600*950			2000(L)*600(W)*950(H)		

## HYDRAULIC PROFILE BENDING MACHINE

The machine is to process stainless steel, mild steel, nonferrous metal profile. Such as angle steel, steel channel, tube. To make diameter  $\phi 300$ - $\phi 600$ mm range profile, our bending machine can work fast and easily. Small size, energy saving and long working life time.



PB 50



HPB 55



HPB 70/ HPB 100

### Standard Accessory:

One angle iron mould, control panel, operating tools and operation manual.

### Optional Accessory:

Special round rollers, angle iron moulds.

### PB50/HPB55/HPB70

1. Two lower rollers can be adjusted by hydraulic power.
2. Roller with heat treatment
3. High hardness of roller material
4. Supporting shaft can be manual adjusted
5. Overload protection

### MAIN TECHNICAL PARAMETER

Model	The largest processing ability of Angle iron	Min.roller diameter full capacity (mm)	Shaft diam (mm)	Top/Lower rollers diam (mm)	Roller speed (m/min)	Motor power (kw)	Length (mm)	Width (mm)	Weight (mm)	Weight (kg)
PB-50	L-4x40	$\phi 250$	50	148	13	1.5	700	900	1340	330
HPB-55	L-5x50	$\phi 300$	55	180	13	4.2	1100	820	1400	440
HPB-70	L-7x75	$\phi 350$	70	250	20	9.5	1100	1300	1250	1400
HPB-100	L-10x100	$\phi 400$	100	320	15	9.5	1200	1300	1400	2090