



JIANGSU **HOSTON** machine TOOLS CO., LTD.



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豪士敦重工

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企业概况 Company profile

HOSTON Machine Tools is a leading manufacturer of Hydraulic Ironworker, Shearing Machine, Press Brake, Hydraulic Punching Machine, Notching Machine, Hydraulic Press and Plate Rolling Machine in Mainland China. The **HOSTON** machines are characterized by high quality components that make the job safer and offer optimum quality.

Our dedication to the highest quality products and services has enabled us to establish excellent trade relations with customers from all over the world. **HOSTON's** team includes qualified sales specialists and highly trained service professionals to help provide quick service and the best quality of work in order to meet our customers' needs. All inquiries are welcome.

Special designs or large product sizes are welcome.

HOSTON presents us as a dynamic and fast growing company. We are able to set the technological innovation at the heart of development strategies. Today we launch new machines with reliability, quality and safety.

Excelling in the production of machines for sheet metal processing and providing immediate and qualified after sale service to our Customers is the guiding principle of our philosophy.

Customer satisfaction is our top priority. Through technological innovation, we aim to improve life in the production processes of companies. With pride, strengthened by our experience, we can customize the machines **HOSTON** based on the working of customers, improving surprisingly time and reducing production costs.

High Efficiency, Skillful Technology, Trustful Service. "We do machines right."

The constant commitment to product research allows us to be one step ahead of the market. We want to amaze the customers who use our machines tools with innovative solutions facing the most difficult challenges in any application: folding, cutting, punching and rolling.

加工设备 Production Equipment



HOSTON HYDRAULIC Single Cylinder Ironworker 45T

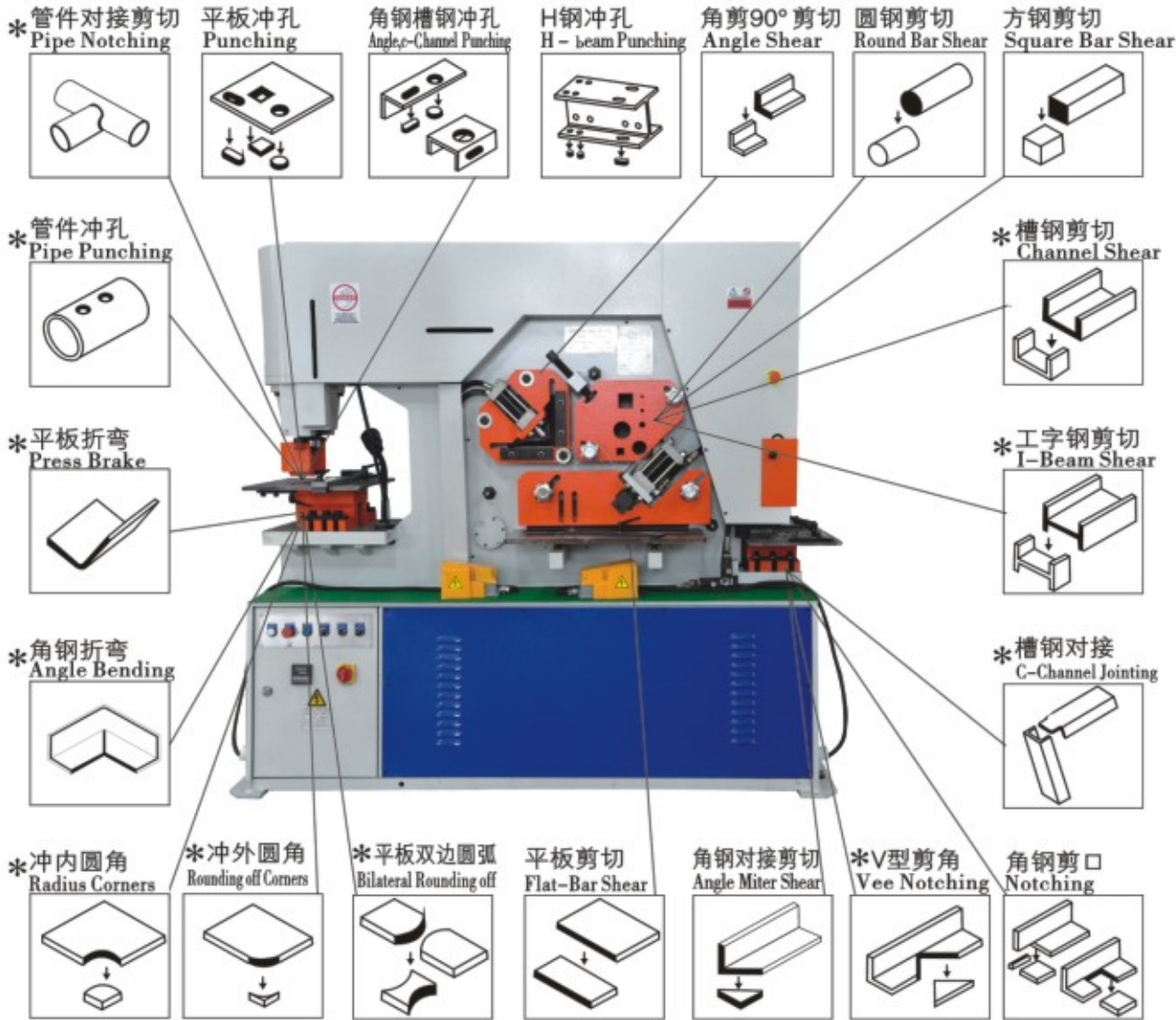


HIW SERIES HYDRAULIC IRONWORKER MACHINE

NO.	Item		Unit	HIW-45S
1	Hole Punching	Punching Pressure	Kn	450
		Max. Punching Capacity(diameter* thickness)	mm	Φ38*8
		Depth of Throat	mm	175
		Ram stroke	mm	50
		Stroke Times	times/min	8-22
2	Plate Shearing	Max. Shearing Thickness	mm	15
		Flat Bar (W×T)	mm	200x15 300x12
3	Angle Steel Shearing	90°shearing of equal angle steel	mm	100x100x10
		45°shearing of equal angle steel	mm	70x70x6
4	Profile Steel Shearing	Round-bar	mm	30
		Square-bar	mm	30
		T-bar	mm	40x7
		C-channel /I-beam	mm	80x45
		Thickness	mm	8
5	Nothing	Width	mm	35
		Depth	mm	75
		Material Tensile Strength	N/mm ²	450
7	Motor Power		kw	3
8	Overall Dimensions(L×W×H)		mm	1450x590x1620
9	Weight		kg	1100

Note: Design and Specification Subject to Change Without Notice

Double Cylinder Ironworker 60T-160T

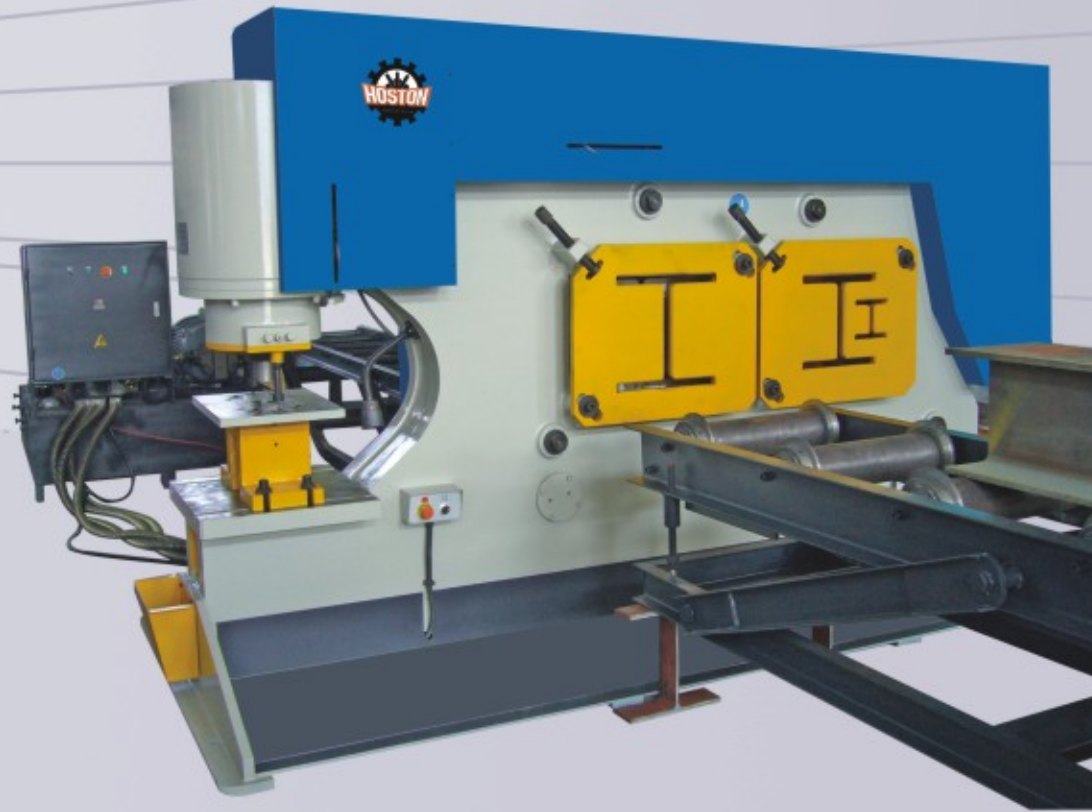


Model		HIW-60/D	HIW-90/S/D	HIW-120/S/D	HIW-160/S/D
Processing Capacity (KN)		600	900	1200	1600
Material Tensile Strength (Mpa)		≤450	≤450	≤450	≤450
Ram Stroke(mm)		80	80	80	80
Number of Stroke(times/min)(mm)		8-22	8-22	8-22	8-22
Throat Depth(mm)		300	355	400	600
Shear Angle		7°	8°	8°	8°
Flat Shearing	Max. Shearing Capacity (thickness* width)(mm)	16×250	20×330	25×330	30×355
		8×400	10×480	16×600	20×600
Bar Shearing	Square Bar(mm)	40	45	50	55
	Round Bar (mm)	45	50	60	65
	C-channel (mm)	126	160	200	280
	I-beam (mm)	126	160	200	280
Angle shearing	90° shearing (mm)	120×10	140×12	160×14	180×16
	45° shearing (mm)	70x8	70x10	80x7	80x10
Hole Punching	Max. Punching Capacity (diameter* thickness) (mm)	Φ25*16	Φ30*20	Φ35*25	Φ38*30
Motor (KW)		4	5.5	7.5	11
Dimension(mm)		1650x800x1780	1950x900x1930	2350x980x2100	2680x1060x2380
Weight(kg)		1800	2600	4800	6800

Note: Design and Specification Subject to Change Without Notice

HOSTON HYDRAULIC

Double Cylinder Ironworker 200T-400T



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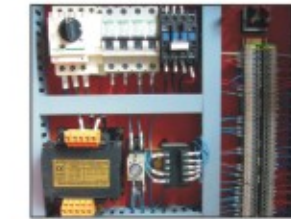
Feature:

In order to eliminate permanent deformation in material during the cutting process, the E, L series includes automatic clamping system, this system is special designed to cut soft materials with spectacular cutting finishes.

For L series, punching station and shearing station can work simultaneously without interferences.



Cutting Station with Automatic Clamping System*



Main Electrical Components (Schneider, French)



Hydraulic Valve (Yuken, Japan)



Hydraulic Pump (Atos, Italy)



Oil Seals (NOK, Japan)



Roller Convery Feeding Worktable*



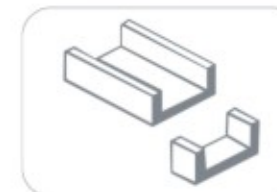
Pressure Gauge



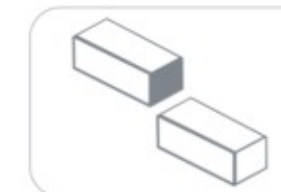
Temperature Cooling System*

* Optional

Functions:



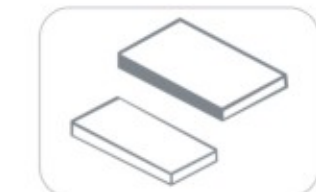
Channel Shear



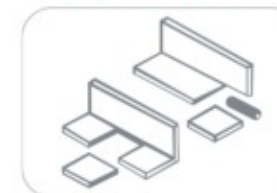
Square Bar Shear



Round Bar Shear



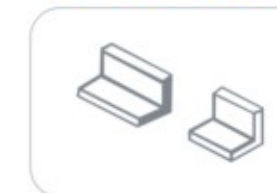
Flat-Bar Shear



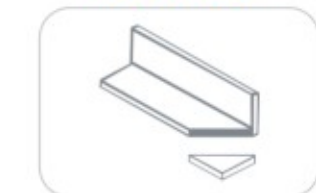
Square Notch



Vee-Notch



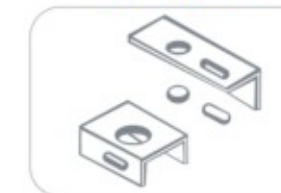
Angle Shear



Angle Corner Notch



Punching



Profile Punching



Angle Bending



"V" Bending

HIW SERIES HYDRAULIC IRONWORKER MACHINE

Model		HIW-200S/D	HIW-250S/D	HIW-300S/D	HIW-350S/D	HIW-400S/D
Processing Capacity (KN)		2000	2500	3000	3500	4000
Material Tensile Strength (Mpa)		≤450	≤450	≤450	≤450	≤450
Ram Stroke(mm)		100	100	100	100	100
Number of Stroke(times/min)		8-25	8-25	6-24	6-24	6-18
Throat Depth(mm)		560	560	560	560	560
Shear Angle		8°	8°	8°	8°	8°
Flat Shearing	Max. Shearing Capacity (thickness* width)(mm)	35×400	40×450	40×450	40×500	40×550
		25×700	30×750	25×780	25×880	25×980
Bar Shearing	Square Bar(mm)	60	65	70	75	80
	Round Bar (mm)	70	80	90	95	100
	C-channel (mm)	300	320	320	350	420
	I-beam (mm)	300	320	320	350	420
Angle shearing	90° shearing (mm)	200×18	200×20	200×20	200×20	200×22
	45° shearing (mm)	80x10	80x10	/	/	/
Hole Punching	Max. Punching Capacity (diameter* thickness) (mm)	Φ40*35	Φ40*40	Φ40*40	Φ45*40	Φ50*40
Motor (KW)		15	18.5	22	30	37
Dimension(mm)		2800x1260x2420	3200x1440x2450	3200x1500x2480	3400x1600x2500	3800x1700x2530
Weight(kg)		9200	12800	14200	16500	18600

Note: Design and Specification Subject to Change Without Notice

HOSTON HYDRAULIC Press Brake



HPB SERIES HYDRAULIC PRESS BRAKE

- 1 Total steel-welded structure and stress elimination by vibration
- 2 High mechanical strength and strong rigidity
- 3 Ram stroke hydraulic approaching downward, stable and reliable
- 4 Mechanical stop and steel torsion bar to maintain synchronization and high precision
- 5 Electrical adjustment, manual fine adjustment and digital display for back gauge and ram stroke
- 6 Wedge compensation on top punch clamp slice



Tools Clamping

Simplified top blades clamping with micro-adjustment wedges, for easy operation and high precision.



Hydraulic System

Integrated hydraulic system with hydraulic elements sealing parts from reputable manufactures reduce hydraulic tubes and ensure highly reliable and sage performance

Electric Cabinet

Compact electrical system, fewer joints to increase reliability.



Backgauge

Extrusion beam and other ductile cast iron part ensure accurate positioning and durability.



Footswitch

Portable footswitch to trigger bending, with emergency stop button as safety guard



E21 Feature

- Backgauge and block control
- Control for general AC motors, frequency inverter
- Intelligent positioning
- Stock counter
- Holding / decompression time setting
- Program memory of up to 40 programs up to 25 steps per program
- One side positioning
- Retract function
- One key backup / restore of parameters
- mm / Inch
- Chinese / English



HOSTON HYDRAULIC Press Brake



Integrated Electrics Cabinet

Schneider, Omron, IDEC and other electrics are connected by CAN bus control.



Manual Anti-deflection Table (Optional)

Pull rod engaged inside of work table to anti deflection.



Light Curtain (optional)

Personnel safety guard, in accordance with EC assessment of conformity.



Servo Backgauge

Ball screw, linear rail and servo motor lead to high precision



Linear Slide Support Shaft (optional)

Linear rail ensure convenient sliding of front plate support arms.

HPB-K SERIES HYDRAULIC CNC TORSION SERVO PRESS BRAKE

- 1 Strong rigid torsion bar design,ensuring the synchronous movement of ram stroke
- 2 Built-in mechanical stop,ensuring an accurate positioning of ram stroke
- 3 E200 CNC,with high performance-price ratio, reliable performance and easy operation
- 4 E200 controls X,Y axes to achieve high production efficiency and parts of precision
- 5 Variable frequency motor or servo motor is used to get a rapid and accurate positioning



CNC Control System (Optional)



E200

Backgauge and block control
BUS mode control servo system
Stock counter
Program memory of up to 40 programs up to 25 steps per program
One side positioning
Retract function
mm/inch
Chinese/English



E210

Program memory of up to 100 programs, 25 steps per program
Tool library: 20 dies
Conventional press brake control
Angle-programming and automatic bending position calculation
Back gauge allowance compensation
Dual servo system control
Flexible I/O Configuration
Free group valve setting
One side positioning
Retract function
Auto reference search
Power-down memorization
Mm/inch
Chinese/English
Diagnosis function

HOSTON HYDRAULIC
Press Brake



HPB SERIES HYDRAULIC PRESS BRAKE

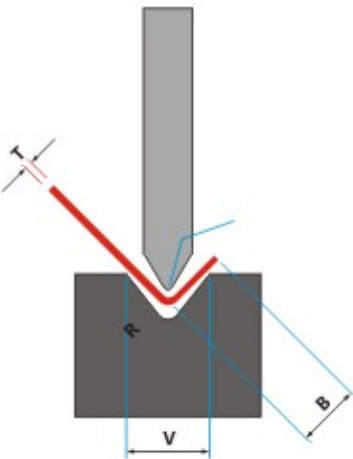
Type	Nominal Force	Worktable Length	Poles Distance	Throat Depth	Stroke	Max. Open Height	Power	Dimension
	(KN)	(mm)	(mm)	(mm)	(mm)	(mm)	(KW)	LxWxH (mm)
30T/1600	300	1600	1300	170	90	195	3	1600x920x1660
30T/2050	300	2050	1650	170	90	195	3	2050x920x1660
40T/2200	400	2200	1800	200	110	320	4	2260x1100x1900
40T/2500	400	2500	2000	200	110	320	4	2560x1100x1900
63T/2500	630	2500	2000	250	110	350	5.5	2560x1250x2060
63T/3200	630	3200	2600	250	110	350	5.5	3260x1250x2060
80T/3200	800	3200	2600	320	110	375	7.5	3260x1500x2250
80T/4000	800	4000	3100	320	110	375	7.5	4060x1500x2250
100T/3200	1000	3200	2600	320	110	375	7.5	3260x1550x2250
100T/4000	1000	4000	3100	320	110	375	7.5	4060x1550x2250
125T/2500	1250	2500	2000	320	110	385	7.5	2560x1550x2250
125T/3200	1250	3200	2600	320	110	385	7.5	3260x1550x2250
125T/4000	1250	4000	3100	320	110	385	7.5	4060x1550x2250
160T/3200	1600	3200	2600	320	170	455	11	3260x1600x2500
160T/4000	1600	4000	3100	320	170	455	11	4060x1600x2500
160T/5000	1600	5000	4100	320	170	455	11	5060x1600x2600
160T/6000	1600	6000	5100	320	170	455	11	6060x1600x2700
200T/3200	2000	3200	2600	320	190	475	15	3260x1900x2960
200T/4000	2000	4000	3100	320	190	475	15	4060x1900x3060
200T/5000	2000	5000	4100	320	190	475	15	5060x1900x3160
200T/6000	2000	6000	5100	320	190	475	15	6060x1900x3300
250T/4000	2500	4000	3100	400	240	540	18.5	3260x2000x2350
250T/5000	2500	5000	4100	400	240	540	18.5	3260x2000x2350
250T/6000	2500	6000	5100	400	240	540	18.5	6060x2000x2350
300T/4000	3000	4000	3100	400	240	560	22	4100x2250x3350
300T/5000	3000	5000	4100	400	240	560	22	5100x2250x3600
300T/6000	3000	6000	5100	400	240	560	22	6100x2250x3600
400T/4000	4000	4000	3100	400	290	630	30	3300x2650x3700
400T/5000	4000	5000	4100	400	290	630	30	4100x2650x3700
400T/6000	4000	6000	5100	400	290	630	30	6100x2650x3700
500T/4000	5000	4000	3100	400	310	650	37	4100x3000x4760
500T/6000	5000	6000	5100	400	310	650	37	6100x3000x4760
600T/4000	6000	4000	3100	450	320	670	45	6100x3000x5000
600T/6000	6000	6000	4800	450	320	670	45	6100x3250x5000
800T/6000	8000	6000	4800	500	400	700	55	6100x3750x5600
800T/8000	8000	8000	6800	500	400	700	55	8100x3750x5600

Note : Design and specifications subject to change without notice.

PLATE THICKNESS (mm)			0.5	0.8	1	1.2	1.5	1.8	2	2.5	3	4	5	6	8	10	12	15	20	22	
V	R	B																			
4	0.7	2.6	4	10.5																	
8	1.5	5.2	2	5.5	8	11.5	18														
10	1.7	6.5		4.1	6.5	9.5	14.5	21	26												
12	2	7.8			5.5	8	12	17.5	21.5	33.5					Tons/Meter						
16	2.7	10.4				6	9	13	16	25	36										
20	3.4	13					7.5	10.5	13	20	29	52									
25	4.2	16						8.5	10.5	16	23	41	64								
30	5	20								14	19	34	54	77							
35	6	23									17	30	46	66							
40	7	26									15	26	40	58	103						
45	7.5	29										23	36	52	91						
50	8.5	32										21	32	46	82	128					
55	9	36											30	42	75	117					
60	10	39												27	39	69	107				
65	10.8	42												25	36	63	99	142			
70	11.7	45													33	59	92	132			
75	12.5	49													31	55	86	123			
80	13.5	52													29	52	80	116	180		
85	14	55														49	76	109	170		
90	15	58														46	71	103	160		
100	17	65														41	64	93	144	256	
110	18.5	71															59	84	131	233	
120	20	78														54	77	120	213	333	
140	24	100															66	103	183	286	
170	29	120															55	85	151	235	
200	35	145																72	128	200	
250	44	180																	108	169	

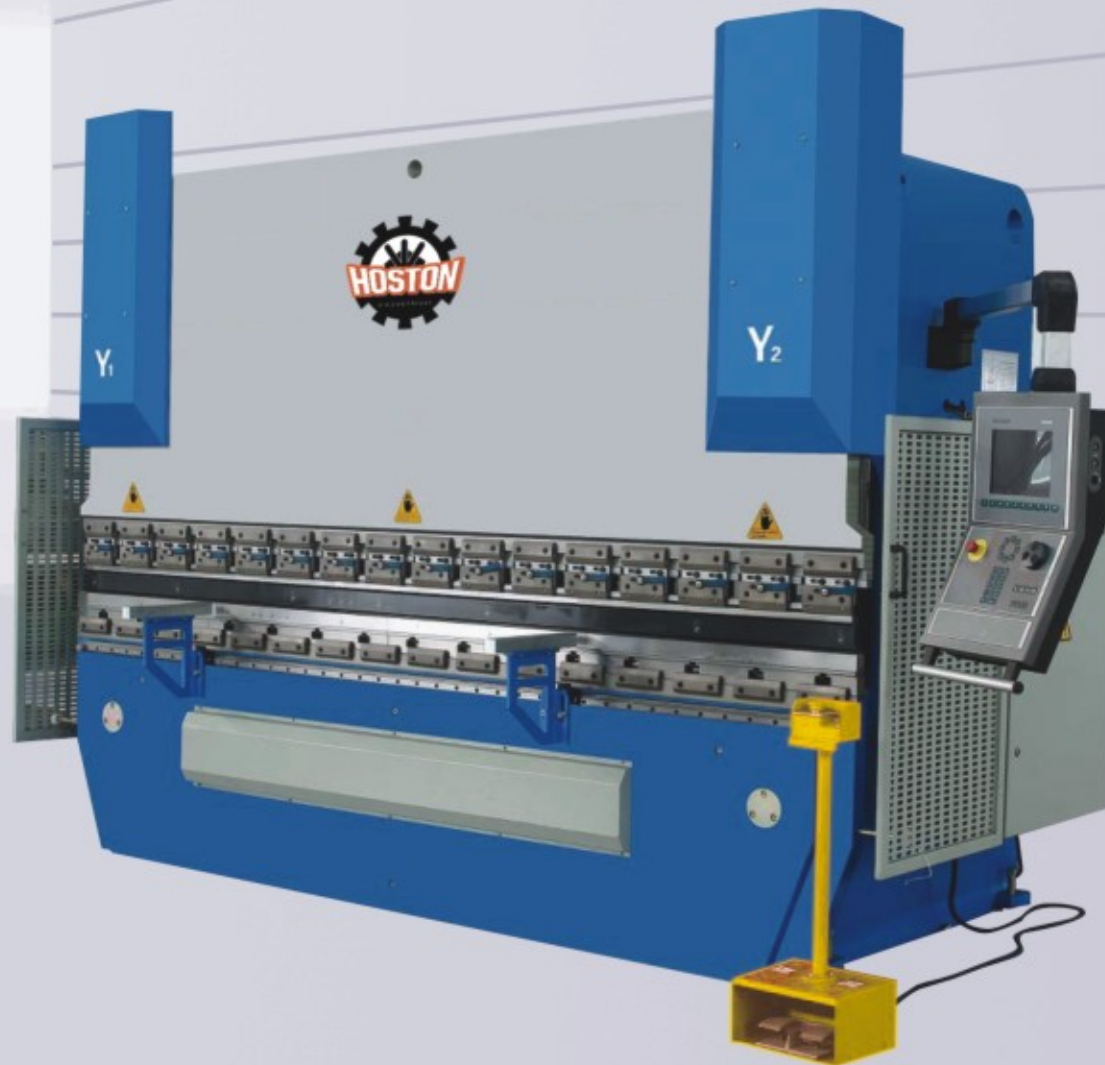
Correction Factor

Tensile Strength (MPa)



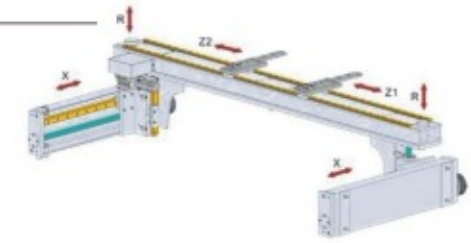
Bending Force Chart

HOSTON HYDRAULIC Press Brake



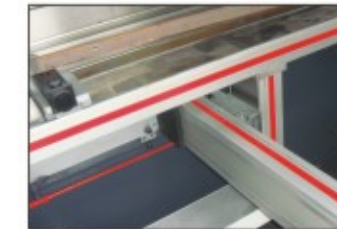
DA-66T Features

- 2D graphical touch screen programming mode
- 3D visualisation in simulation and production
- 17" high resolution colour TFT
- Full Windows application suite
- Delem Modusys compatibility (module scalability and adaptivity)
- USB, peripheral interfacing
- User specific application support within the controllers multitasking environment
- Sensor bending & correction interface



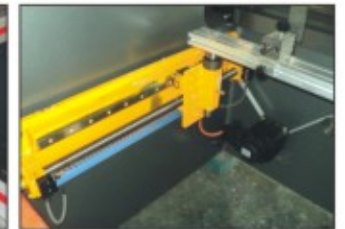
Multi-axes Solutions

Ram stroke: Y1, Y2
Backgauge: X, R, Z1, Z2, X5
Compensation axis: C
CNC systems: DA52, DA56, DA65W, DA66T, DA69T



Stop Fingers (Left)

Fingers sliding on linear rail for easy adjustment and efficiency



Servo Backgauge (right)

Servo driven backgauge, engaged with linear rail and ball screw.

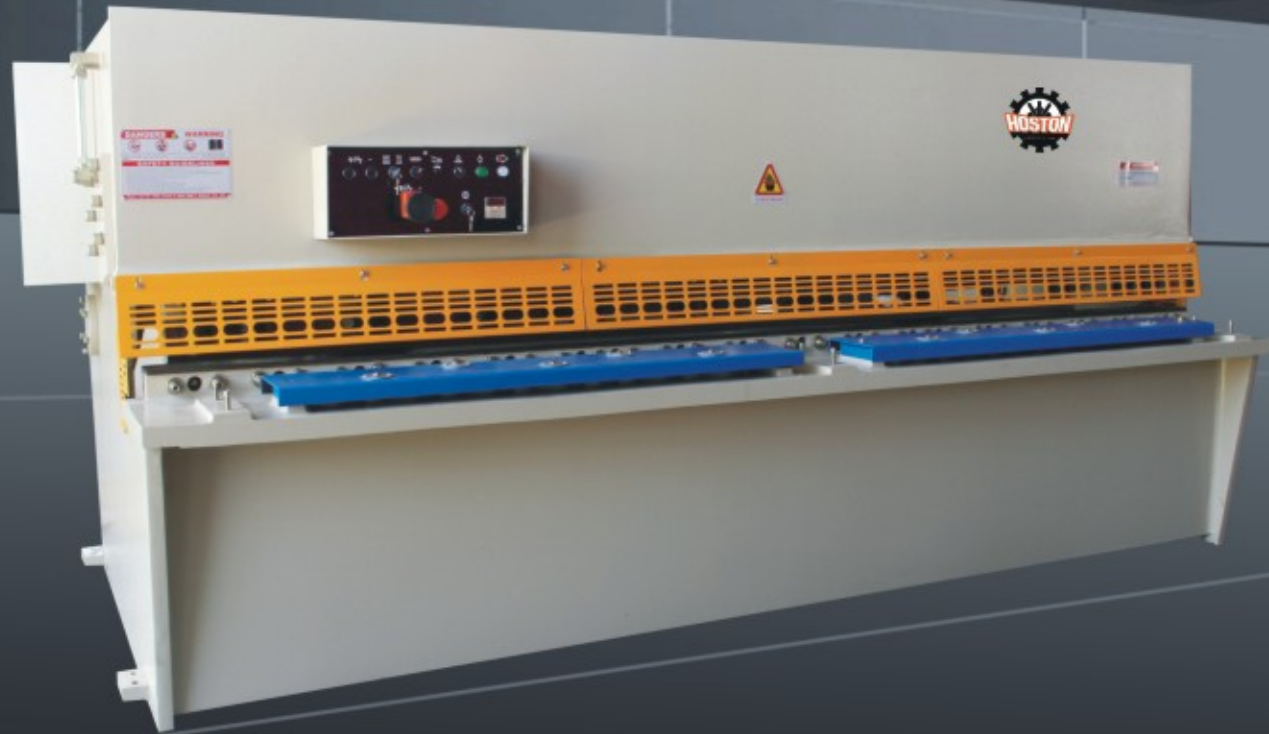
2HPB-K SERIES HYDRAULIC CNC PRESS BRAKE

HPB-K SERIES ELECTRO-HYDRAULIC SYNCHRONOUS PRESS BRAKE

- 1 Advanced proportional valve controls the hydraulic cylinders to work synchronously and achieve precise repeatability performance.
- 2 Be capable of being controlled at random within the stroke
- 3 Repeatability precision $\pm 0.01\text{mm}$, parallelism precision $\pm 0.02\text{mm}$
- 4 Deflection compensation table or crowning system for high precision
- 5 Holland Delem CNC together with linear encoder, Bosch-Rexroth valves, servo motors and other famous brand elements to ensure excellent performance
- 6 Ram stroke (Y1, Y2) and backgauge (X, R, Z) are controlled by CNC
- 7 Backgauge installed with ball screw and linear guide rail, ensuring high accuracy of repetition
- 8 Multi-axis CNC controlled synchronous press brake available as metal sheet fabricating center



HOSTON HYDRAULIC Swing Beam Style Shearing Machine



Bite Type Tube Fittings



Pneumatic Back Support Device(optional)



Simple Front Protective Fence



Back Stopper

HBS SERIES HYDRAULIC SWING BEAM SHEARING MACHINE

Type	Cutting thickness (mm)	Cutting length (mm)	Travel Times (times/min)	Backgauge Range (mm)	Cutting Angle (°)	Throat Depth (mm)	Power (KW)	Dimension LxWxH (mm)
4x2500	4	2500	22	550	1.5°	100	5.5	3020x1490x1500
4x3200	4	3200	19	550	1.5°	100	5.5	3720x1490x1550
4x4000	4	4000	17	550	1.5°	100	5.5	4520x1700x1640
4x6000	4	6000	10	550	1.5°	100	7.5	6550x2250x2000
6x2500	6	2500	18	550	1.5°	100	7.5	3030x1665x1620
6x3200	6	3200	15	550	1.5°	100	7.5	3730x1665x1620
6x4000	6	4000	12	550	1.5°	100	7.5	4530x1770x1700
6x6000	6	6000	8	750	1.5°	100	11	6580x2400x2100
8x2500	8	2500	14	550	1.5°	100	7.5	3040x1665x1620
8x3200	8	3200	12	550	1.5°	100	7.5	3740x1665x1620
8x4000	8	4000	10	550	1.5°	100	11	4530x1770x1700
8x6000	8	6000	6	750	1.5°	100	15	6600x2250x2100
10x2000	10	2000	13	550	2°	100	11	2550x1750x1700
10x2500	10	2500	11	550	2°	100	11	3050x1750x1700
10x3200	10	3200	10	550	2°	100	11	3750x1800x1750
10x4000	10	4000	9	750	2°	100	15	4580x1860x1850
10x6000	10	6000	6	750	2°	100	18.5	6650x2100x2300
12x2500	12	2500	12	750	2°	100	15	3100x2000x1850
12x3200	12	3200	10	750	2°	100	15	3900x2000x1850
12x4000	12	4000	8	750	2°	100	18.5	4600x2200x1900
12x6000	12	6000	5	750	2°	100	22	6700x3045x2300
16x2500	16	2500	11	750	2.5°	100	18.5	3150x2200x1900
16x3200	16	3200	9	750	2.5°	100	18.5	3950x2200x1900
16x4000	16	4000	6	750	2.5°	100	22	4650x2300x2000
16x6000	16	6000	4	750	2.5°	100	22	6850x3100x2700
20x2500	20	2500	8	750	2.5°	100	22	3200x2180x2000
20x3200	20	3200	7	750	2.5°	100	22	4000x2220x2100
20x4000	20	4000	6	750	2.5°	100	30	4680x2400x2200
25x2500	25	2500	7	750	3°	120	37	3220x2280x2200
25x3200	25	3200	6	750	3°	120	37	4020x2330x2220
25x4000	25	4000	5	750	3°	120	37	4700x2400x2320
30x2500	30	2500	6	750	3.5°	120	45	3250x2350x2280
30x3200	30	3200	5	750	3.5°	120	45	4050x2450x2360
30x4000	30	4000	5	750	3.5°	120	45	6720x2540x2430

Note : Design and specifications subject to change without notice.

HBS SERIES HYDRAULIC SWING BEAM SHEARING MACHINE

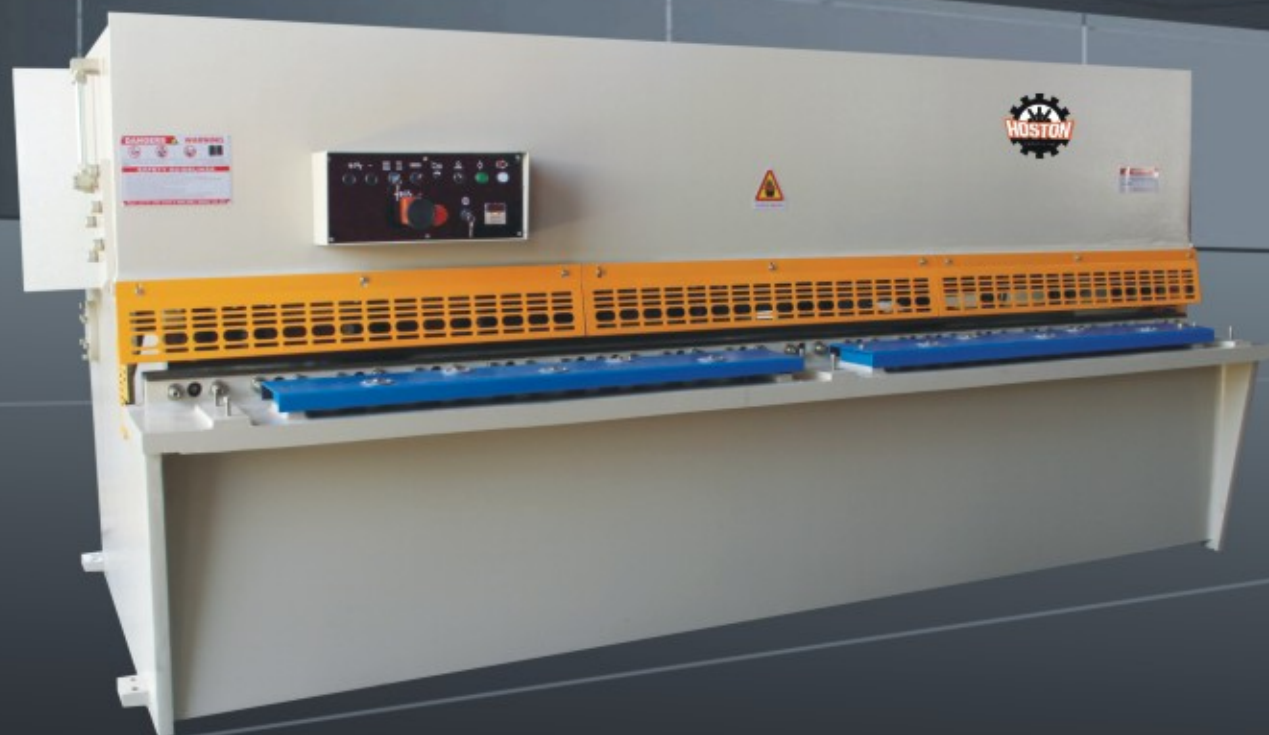
- 1 Steel plate welded structure, hydraulic transmission and accumulator return stroke
- 2 Characterized by easy operation, reliable performance and fine appearance
- 3 Indicator based gap adjustment of blades, convenient and swift
- 4 Shadow light alignment
- 5 Top blade could be adjusted for full stroke or shorter ones
- 6 Fence guard for personnel safety
- 7 General digital display or E10 digital display indicate position of backgauge and shearing times/counts



E21-S Feature

- Backgauge control
- Control for general AC motors, frequency inverter
- Intelligent positioning
- Double programmable digital output
- Stock counter
- Program memory of up to 40 programs up to 25 steps per program
- One side positioning
- Retract function
- One key backup / restore of parameters
- mm / Inch
- Chinese / English

HOSTON HYDRAULIC Swing Beam Style Shearing Machine



HOSTON HYDRAULIC Guillotine Style Shearing Machine



HBS SERIES HYDRAULIC CNC SWING BEAM SHEARING MACHINE

- 1 Hydraulic transmission, swing blade holder
- 2 Strong and durable integral welded frame
- 3 Stable and rapid return stroke of oil cylinder by accumulator
- 4 Adjustable(Full/shorter) stroke
- 5 Hand-wheel adjustment of gap between the upper and lower blades
- 6 Numerical control system and position coder form a closed ring control system
- 7 The control system ensure great speed,high accuracy and good stability

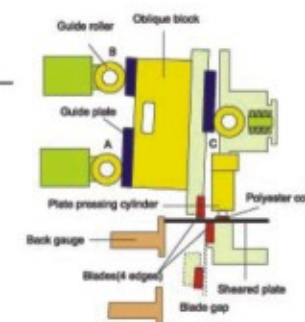
DAC360 CNC SYSTEM



DAC310 CNC SYSTEM

HGS SERIES HYDRAULIC GUILLOTINE SHEARING MACHINE

- 1 Steel welded structure with stress-free
- 2 Three guide trolleys enable accurate movement and fine shearing results
- 3 Hydraulically driven blade holder, retracted by cylinder accumulator
- 4 Adjustable rake angel to minimize deformation of sheared plate
- 5 Back gauge travel can be manually adjusted and knob fined, digital displayed
- 6 Swing away back gauge function for cutting longer sheets
- 7 Indicator-based adjustment of blades clearance is easy, convenient and swift
- 8 4 cutting edges blade
- 9 Full of shorter stroke of blade holder is adjustable
- 10 Counter display cutting times



Three Trolley and Rail Structure

The front preloading rail forces blade holder to move repeatedly along upper rail and down rail with no gaps. For fine shearing results, the blades gap could be adjusted for various plates.

HOSTON HYDRAULIC Guillotine Style Shearing Machine



HGS SERIES HYDRAULIC CNC GUILLOTINE SHEARING MACHINE

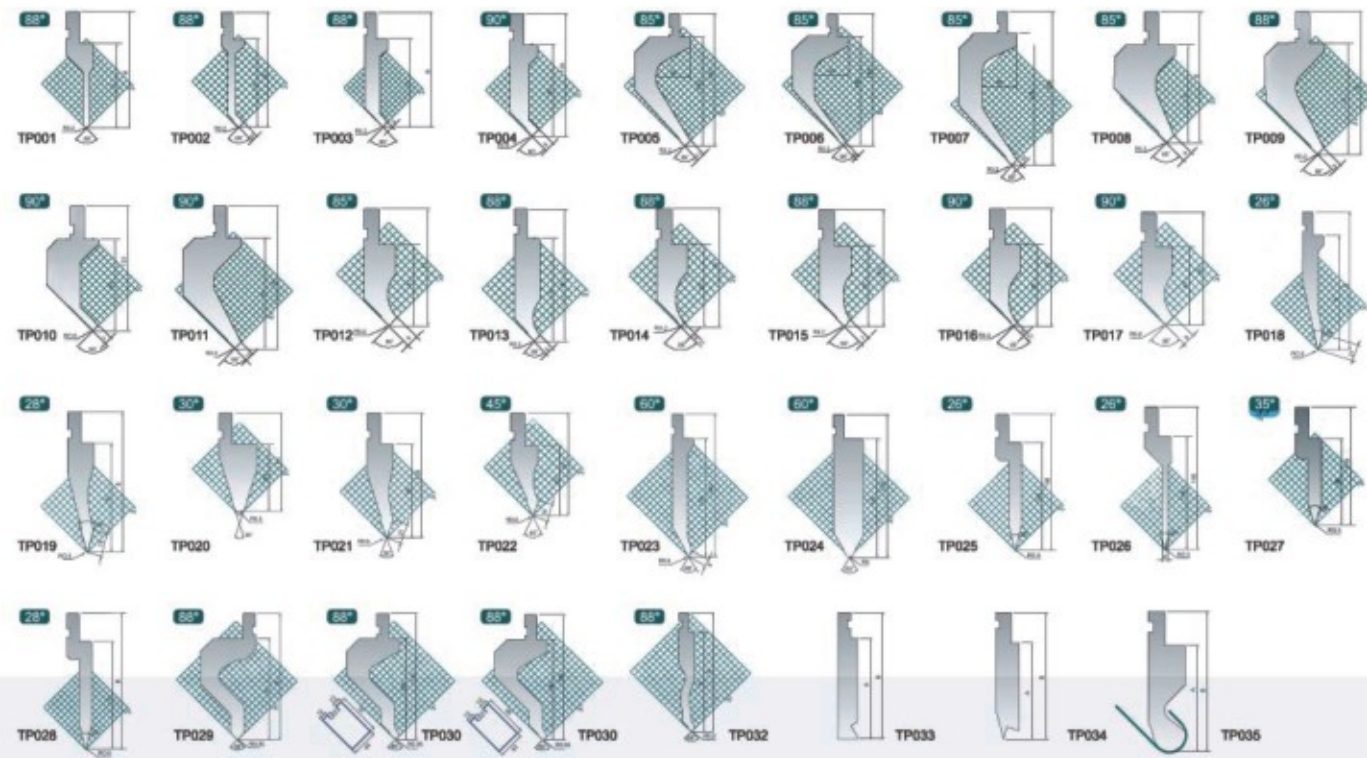
- | | | | |
|---|--|----|--|
| 1 | Advanced generation of hydraulic plate shear | 7 | Adjustable rake angle to reduce the distortion and deformation of the plate |
| 2 | Total steel welded structure, internal stress eliminated by heat treatment and excellent rigidity and stability | 8 | Inclining structure of the upper blade holder for easy blanking and high cutting precision |
| 3 | Advanced integral hydraulic system with optimum reliability | 9 | Top blade could be adjusted to work for full stroke or shorter ones |
| 4 | Structure of the three pairs of rail and trolley eliminate the bearing clearance so as to improve shearing results | 10 | Section-wise shearing and lighting alignment |
| 5 | Rapid, convenient and accurate hand wheel adjustment of blades gap | 11 | Motorized backgauge and digital display |
| 6 | Rectangular blade with four workable edges for a long life span | 12 | Back support device(Optional) |

HGS SERIES HYDRAULIC GUILLOTINE SHEARING MACHINE

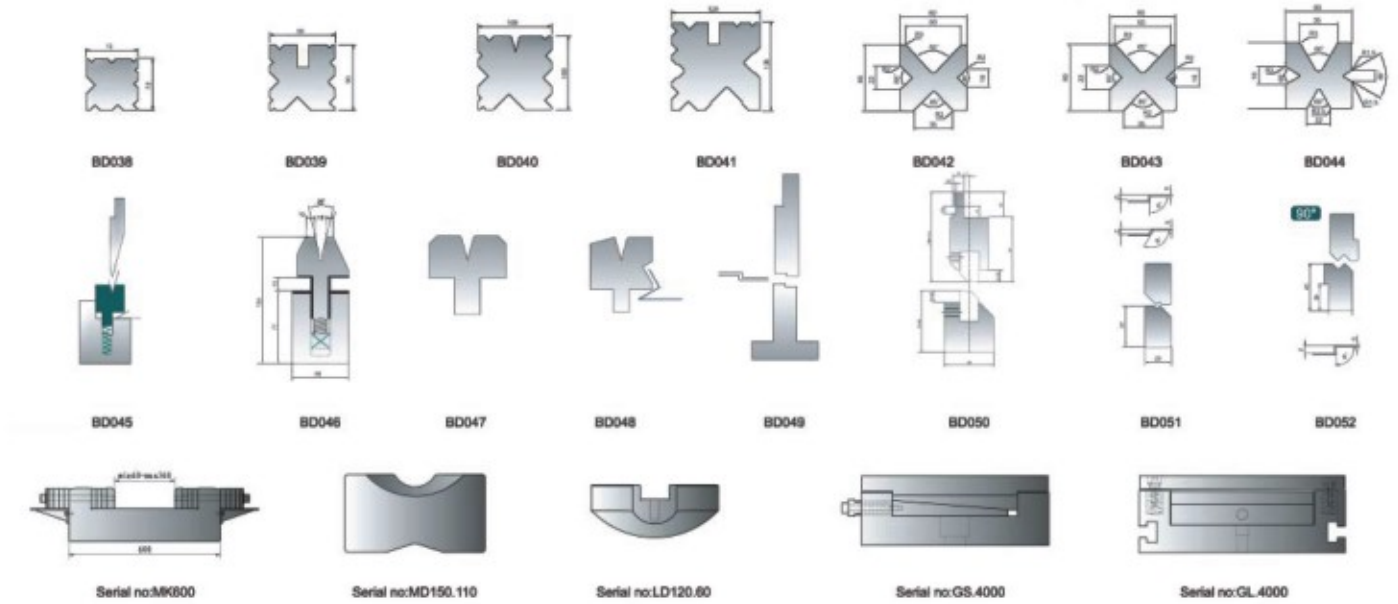
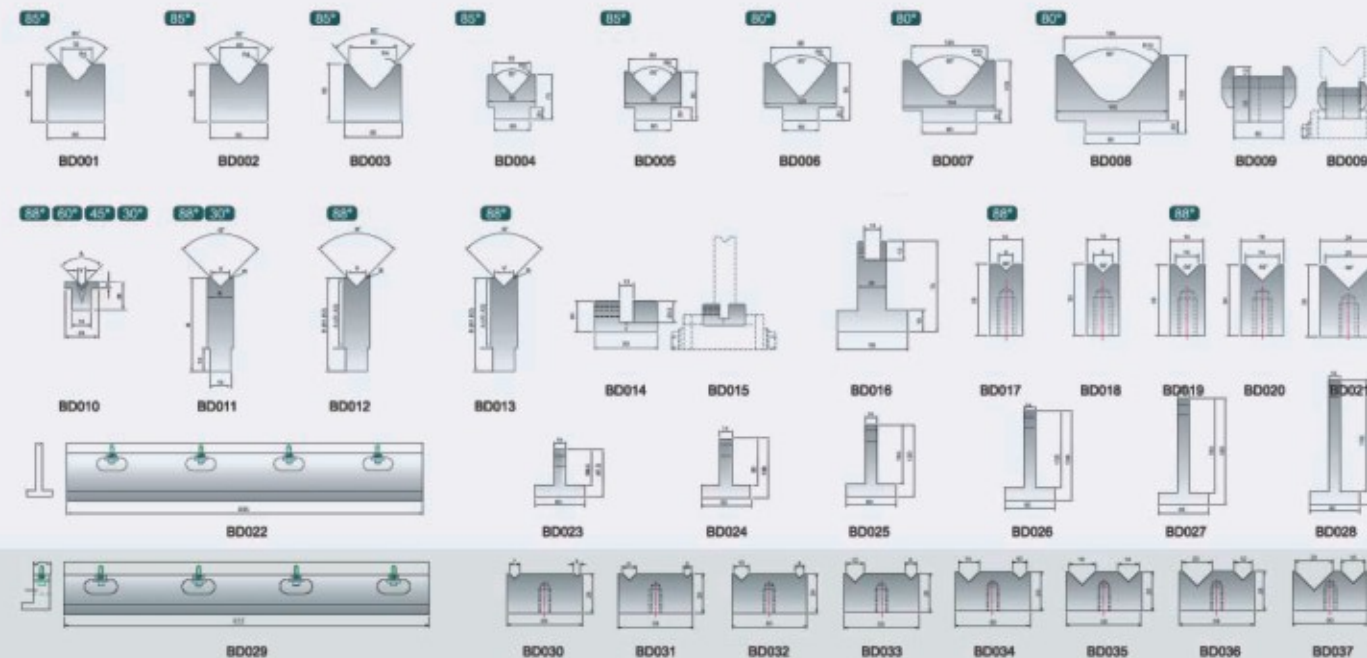
Type	Cutting thickness	Cutting length	Travel Times	Back Gauge Distance	Cutting Angle	Throat Depth	Power	Dimension
	(mm)	(mm)	(times/min)	(mm)	(°)	(mm)	(KW)	LxWxH (mm)
6x2500	6	2500	18	550	1.5	100	7.5	3100x1600x2050
6x3200	6	3200	15	550	1.5	100	7.5	3800x1600x2050
6x4000	6	4000	12	550	1.5	100	7.5	4600x1600x2100
6x6000	6	6000	8	750	1.5	100	11	6600x1900x2500
8x2500	8	2500	14	550	1.5	100	7.5	3100x1600x2000
8x3200	8	3200	12	550	1.5	100	7.5	3800x1600x2000
8x4000	8	4000	10	550	1.5	100	11	4600x1600x2100
8x6000	8	6000	6	750	1.5	100	15	6600x1900x2500
10x2500	10	2500	11	550	2	100	11	3100x1700x2100
10x3200	10	3200	10	550	2	100	11	3800x1700x2100
10x4000	10	4000	9	750	2	100	15	4600x1700x2200
12x2500	12	2500	12	750	2	100	15	3200x1800x2250
12x3200	12	3200	10	750	2	100	15	3900x1800x2250
12x4000	12	4000	8	750	2	100	18.5	4700x1800x2400
12x6000	12	6000	5	750	2	100	22	6800x2000x2600
16x2500	16	2500	11	750	2.5	100	18.5	3400x2100x2500
16x3200	16	3200	9	750	2.5	100	18.5	4100x2100x2500
16x4000	16	4000	6	750	2.5	100	22	4900x2100x2600
16x6000	16	6000	4	750	2.5	100	22	7000x2300x2800
20x2500	20	2500	8	750	2.5	100	22	3400x2100x2600
20x3200	20	3200	7	750	2.5	100	22	4100x2100x2600
20x4000	20	4000	6	750	2.5	100	30	4900x2200x2700
25x2500	25	2500	7	750	3	120	37	3500x2200x2700
25x3200	25	3200	6	750	3	120	37	4200x2200x2800
25x4000	25	4000	5	750	3	120	37	5000x2300x2900
30x2500	30	2500	6	750	3.5	120	45	3600x2300x2800
30x3200	30	3200	5	750	3.5	120	45	4300x2300x2900
30x4000	30	4000	5	750	3.5	120	45	5100x2400x3000

Note : Design and specifications subject to change without notice.

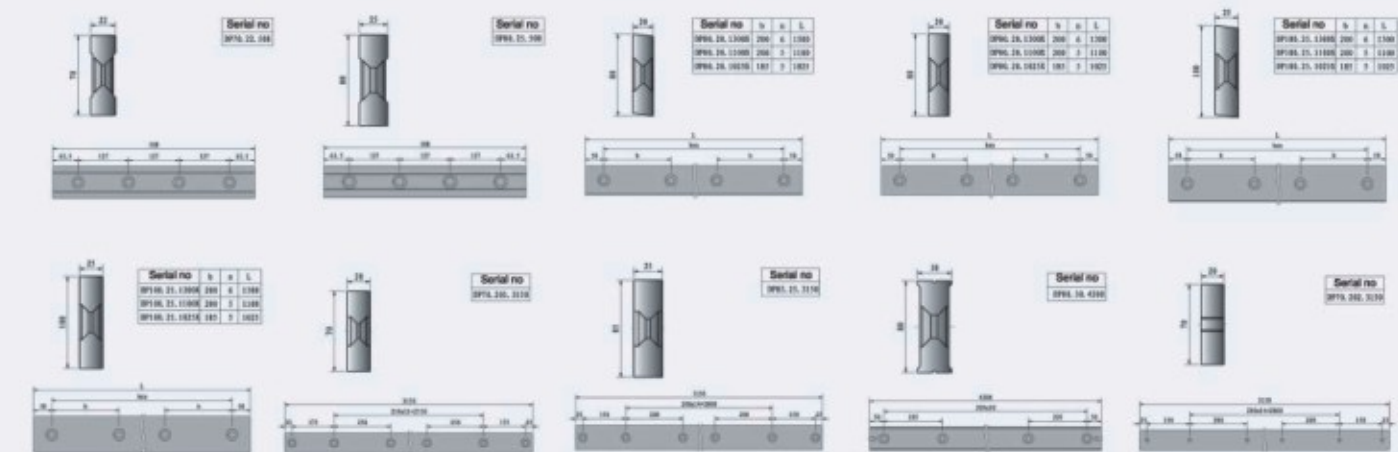
Customized Top Punch



Customized Bottom Die Others



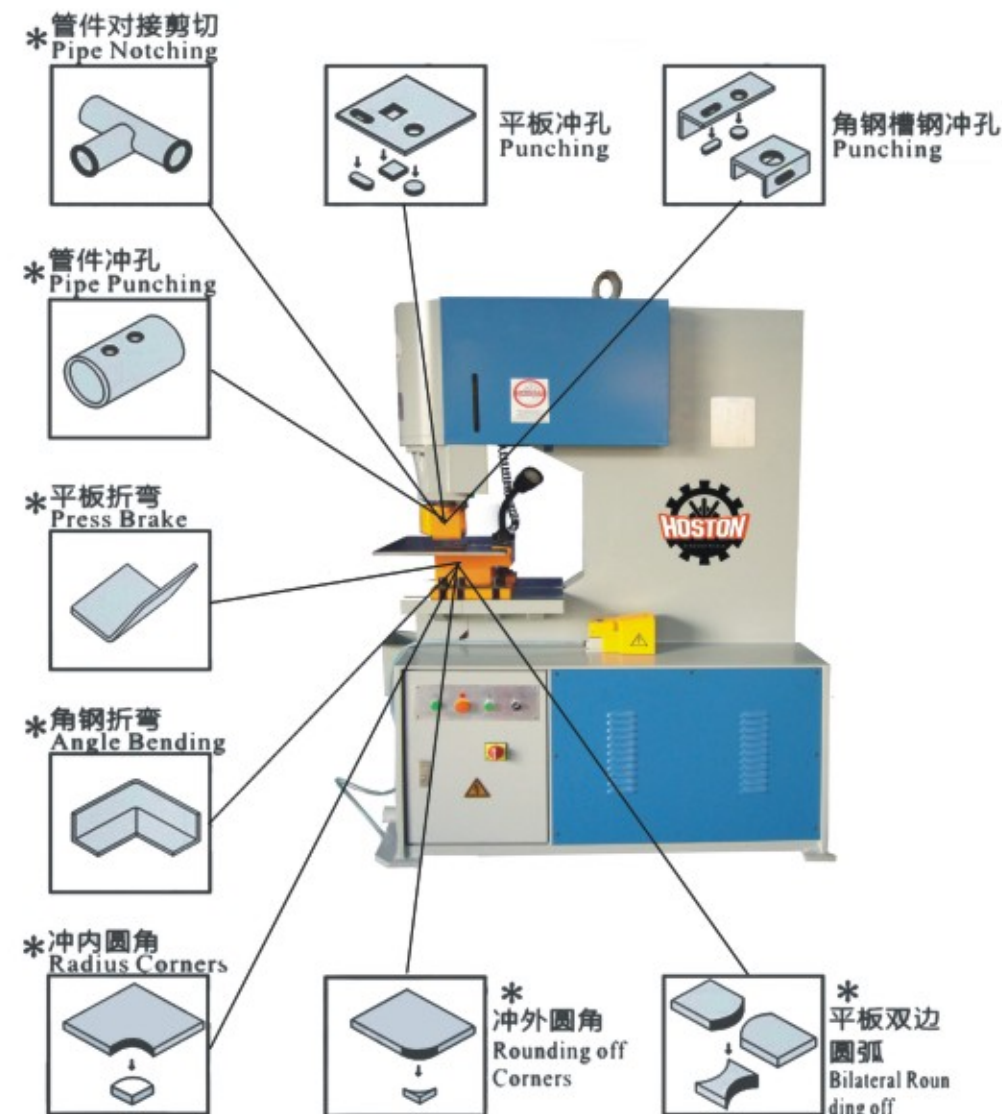
Blades of Shearing Machine



Applicable Industries



HOSTON HYDRAULIC Notching Machine & Punching Machine



HYDRAULIC NOTCHING MACHINE

- 1 Foot Switch control
- 2 Slug chute
- 3 Two protractor gauges
- 4 T-Slotted table with recessed measuring scales
- 5 Blade suitable for mild or stainless steel
- 6 Material hold downs
- 7 Easy maintenance

Model	QX28Y-4*200	QX28Y-6*200	QF28Y-4*200	QF28Y-6*200
Cutting thickness(mm)	4	6	4	6
Cutting length(mm)	200	200	200	200
Cutting angle range	40° ~ 135°	60° ~ 135°	90°	90°
Power(Kw)	3	5.5	3	4
Dimension(mm)	1500×950×1400	1600×1100×1500	1000×1000×1200	1100×1100×1200
Net weight(Kg)	1350	1530	520	630

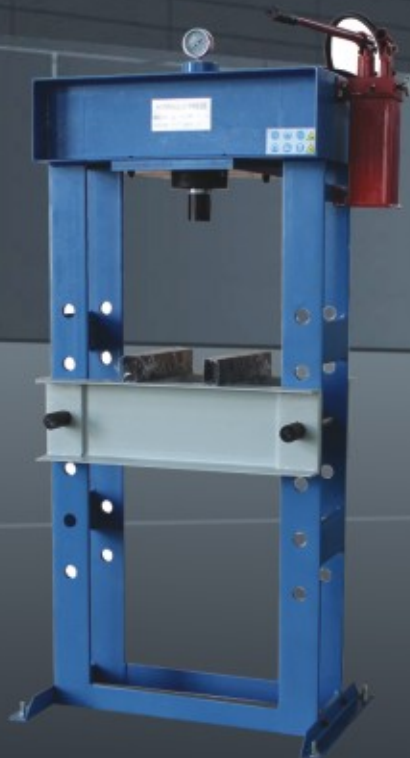
Note : Design and specifications subject to change without notice.

HPM SERIES HYDRAULIC PUNCHING MACHINE

Type	HPM-60	HPM-90	HPM-120	HPM-160	HPM-200	HPM-250
Punch Capacity(mm)	¢ 25×16	¢ 30×20	¢ 35×25	¢ 40×30	¢ 40×35	¢ 45×40
Punch Pressure(KN)	600	900	1200	1600	2000	2500
Max stroke(mm)	80	80	80	80	100	100
Number of Stroke (times/min)	8-22	8-22	8-22	8-25	8-25	8-25
Motor power(KW)	4	5.5	7.5	11	15	18.5
Throat Depth (mm)	300	355	400	550	550	550
Net weight(Kg)	1600	2000	3200	4200	5000	6200
Dimension(mm)	L=1500	L=1550	L=1660	L=1700	L=1800	L=1900
	W=800	W=900	W=1000	W=1100	W=1200	W=1400
	H=1780	H=1930	H=2100	H=2200	H=2300	H=2400

Note : Design and specifications subject to change without notice.

HOSTON HYDRAULIC HP & HPB Press Machine

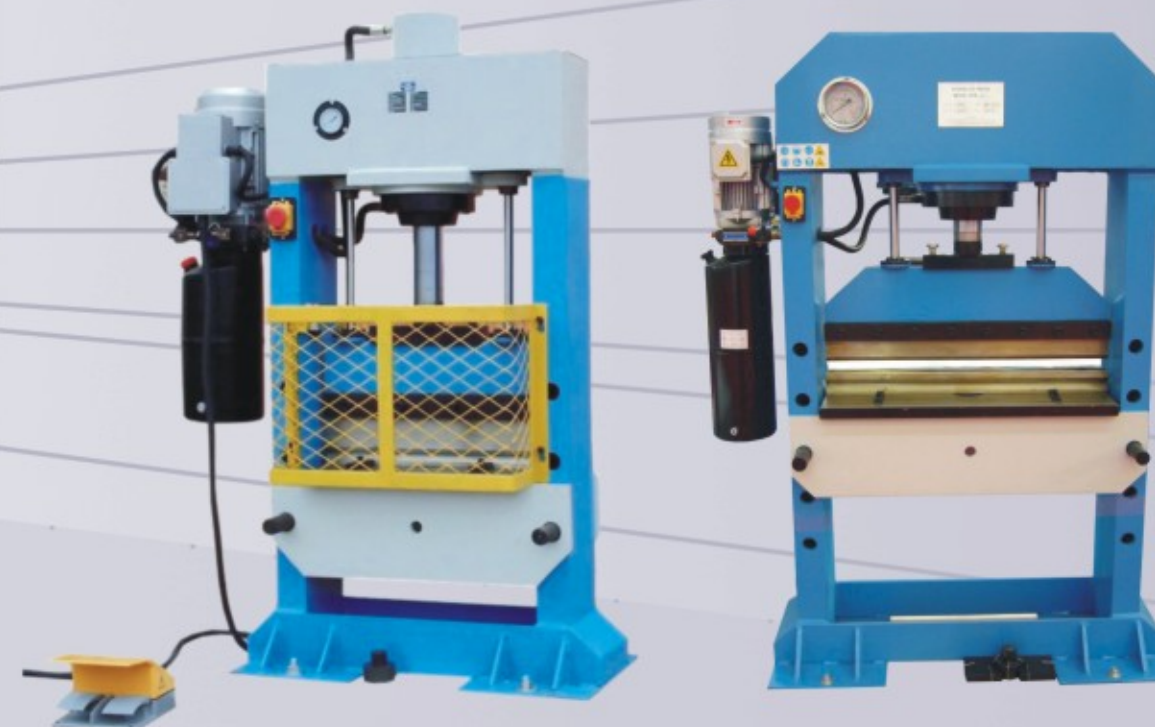


GENERAL INTRODUCTION

HP&HPB series hydraulic press (bending machine) is ideal equipment for automotive service. It could be used for mounting, dismounting, alignment, calendaring, stretching, bending, punching, etc.

It adapted Italy CNK and CBZ pump, the double pump combined together to supply oil, so it could save energy 60% and improve efficiency 2-3 multiple compare with the traditional hydraulic press. It takes the advantages of simple structure, high pressure, small size and light weight.

The worktable could be reciprocate moving, so enlarged the open-close height of the machine, and make the machine easy operation.



HP SERIES HYDRAULIC PRESS MACHINE

Model	HP-30	HP-50	HP-63	HP-100	HP-150
Capacity (KN)	300	500	630	1000	1500
Pressure (MPa)	25	25	30	30	30
Travel (mm)	200+270	220+405	220+405	250+405	250+405
Table size (mm)	300*400	480*360	400*500	440*980	440*980
Dimension(mm)	1160*550*1600	1500*650*1950	1500*650*1950	1730*730*2250	1730*730*2250
Weight(Kg)	420	980	1020	1220	1350

Model	HP-200	HP-300	HP-400	HP-500	HP-600
Capacity (KN)	2000	3000	4000	5000	6000
Pressure (MPa)	31.5	31.5	31.5	31.5	31.5
Travel (mm)	300+405	300+405	300+405	300+405	400+405
Table size (mm)	980*500	700*1200	800*1200	900*1200	1000*1200
Dimension(mm)	1940*950*2350	2100*950*2700	2300*1000*2900	2300*1000*2900	2300*1200*2900
Weight(Kg)	2200	4200	5500	6500	9500

Note : Design and specifications subject to change without notice.

HPB SERIES HYDRAULIC PRESS MACHINE

Model	HPB-20	HPB-30	HPB-50	HPB-63	HPB-100
Capacity (KN)	200	300	500	630	1000
Pressure (MPa)	25	25	25	30	30
Travel (mm)	200+270	200+270	220+405	220+405	250+405
Table size (mm)	200*360	300*400	400*800	400*800	460*980
Dimension(mm)	1060*500*1400	1160*550*1600	1500*650*1950	1500*650*1950	1730*730*2250
Weight(Kg)	550	650	1100	1200	1420

Model	HPB-150	HPB-200	HPB-300	HPB-100(Double Cylinder)	HPB-150(Double Cylinder)
Capacity (KN)	1500	2000	3000	1000	1500
Pressure (MPa)	30	30	30	30	30
Travel (mm)	250+405	300+405	300+405	300+405	300+405
Table size (mm)	460*980	500*1000	700*1200	420*1300	420*1300
Dimension(mm)	1730*730*2250	1940*950*2350	2100*950*2700	2100*750*2250	2100*750*2250
Weight(Kg)	1750	2400	4200	2100	2400

Note : Design and specifications subject to change without notice.

HOSTON MECHANICAL & HYDRAULIC

Plate Rolling Machine



豪士敦重工



W11 SERIES MECHANICAL PLATE ROLLING MACHINE

Type	Maximum thickness (mm)	Maximum width for rolling (mm)	Plate yield limit mpa	Rolling speed m/min	Minimum diameter (mm)	Upper roller Diameter (mm)	Bottom roller Diameter (mm)	Center distance of two lower rollers (mm)	Main power (Kw)	Dimension (L*W*H) (mm)
W11-4×1500	4	1500	245	6.5	300	150	140	185	4	3110×950×1030
W11-6×1500	6	1500	245	5.5	380	170	150	210	5.5	3310×1050×1330
W11-6×2000	6	2000	245	5.5	380	180	160	220	5.5	3810×1050×1330
W11-6×2500	6	2500	245	5.7	500	190	170	260	7.5	4310×1050×1330
W11-6×3200	6	3200	245	5.5	500	240	200	310	11	5250×1350×1610
W11-8×2000	8	2000	245	5.6	450	190	170	260	7.5	3810×1050×1330
W11-8×2500	8	2500	245	5.5	500	240	200	310	11	4550×1350×1610
W11-12×2000	12	2000	245	5.5	500	240	200	310	11	4050×1350×1610
W11-12×2500	12	2500	245	5.8	650	260	220	340	15	4550×1350×1610
W11-12×3000	12	3000	245	6	750	300	240	360	22	5550×1400×1700
W11-16×2000	16	2000	245	5.8	650	260	220	340	15	4050×1350×1610
W11-16×2500	16	2500	245	6	750	300	240	360	22	5050×1400×1700
W11-16×3200	16	3200	245	5	900	340	280	440	30	5800×1600×1900
W11-20×2000	20	2000	245	5	750	300	240	360	22	4550×1400×1700
W11-20×2500	20	2500	245	5	850	340	280	440	30	5100×1600×1900
W11-25×2000	25	2000	245	5	850	340	280	440	30	4600×1600×1900
W11-25×2500	25	2500	245	4.5	900	380	300	490	37	5300×1700×1900
W11-30×2000	30	2000	245	4.5	900	380	300	490	37	4800×1700×1900

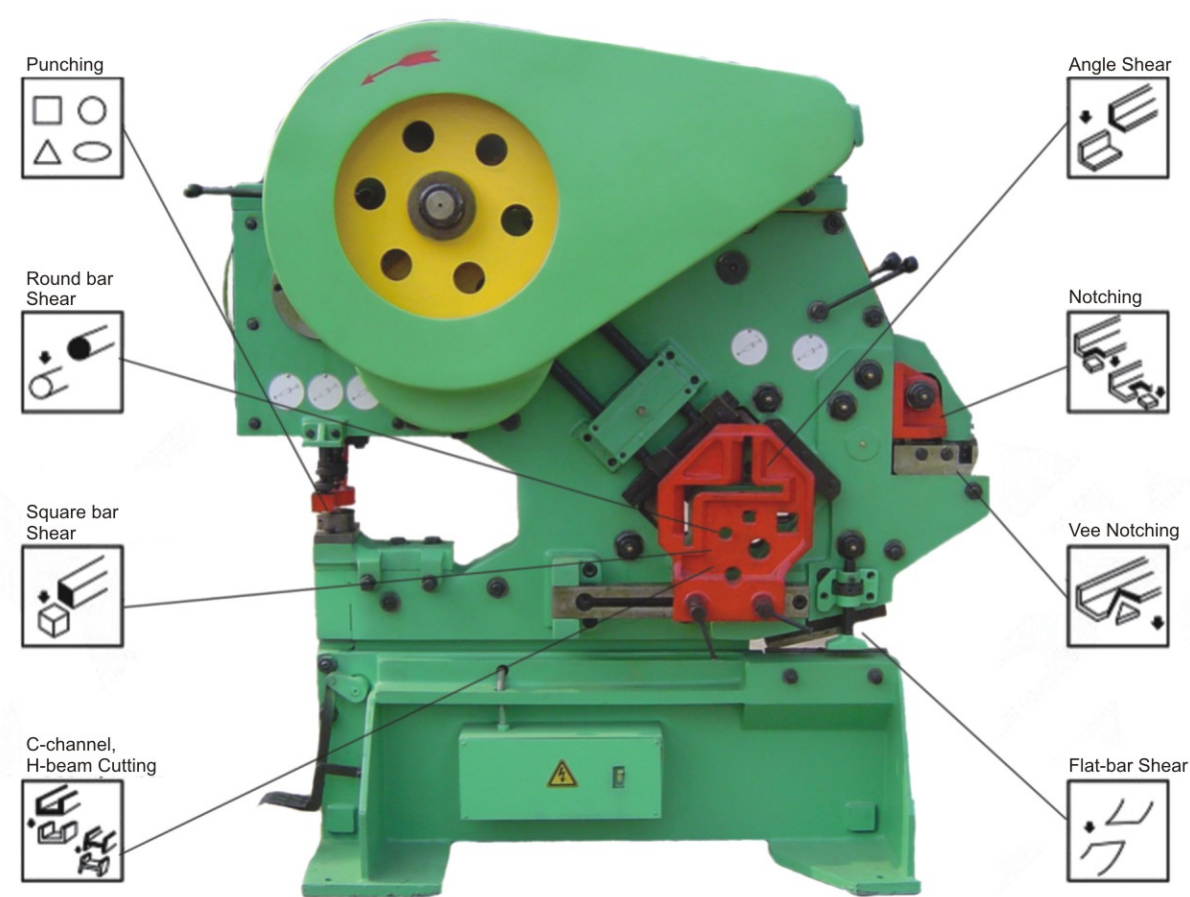
Note : Design and specifications subject to change without notice.

W12 SERIES HIDRAULIC PLATE ROLLING MACHINE

Type	Maximum Thickness of pre-bending (mm)	Maximum thickness for rolling (mm)	Maximum width for rolling (mm)	Plate yield limit mpa	Rolling speed m/min	Diameter of up roller (mm)	Diameter of lower roller (mm)	Diameter of side roller (mm)	Main power (kw)
W12-6×2000	6	6	2000	265	5.5	180	180	145	5.5
W12-6×2500	6	6	2500	265	5	210	210	165	7.5
W12-8×2000	6	8	2000	265	5	215	215	165	7.5
W12-8×2500	6	8	2500	265	5	230	230	180	7.5
W12-12×2000	10	12	2000	265	5	260	260	200	11
W12-12×2500	10	12	2500	265	5	280	280	220	15
W12-16×2000	12	16	2000	265	5	280	280	220	15
W12-16×2500	12	16	2500	265	5	330	330	260	22
W12-16×3200	12	16	3200	265	5	360	360	280	30
W12-20×2000	16	20	2000	265	5	330	330	260	22
W12-20×2500	16	20	2500	265	5	360	360	280	30
W12-25×2000	16	25	2000	265	5	360	360	280	30
W12-25×2500	20	25	2500	265	4.5	410	400	320	37
W12-30×2000	25	30	2000	265	4.5	410	400	320	37
W12-30×2500	25	30	2500	265	4.5	470	470	390	45
W12-30×3000	25	30	3000	265	4.5	560	520	420	55
W12-40×2500	35	40	2500	265	4.5	560	520	420	55
W12-40×3000	36	40	3000	265	4	650	580	480	60
W12-50×2500	40	50	2500	265	4	650	620	500	60
W12-50×3000	40	50	3000	265	3.5	720	650	520	75
W12-60×3000	50	60	3000	265	3.5	750	710	560	90

Note : Design and specifications subject to change without notice.

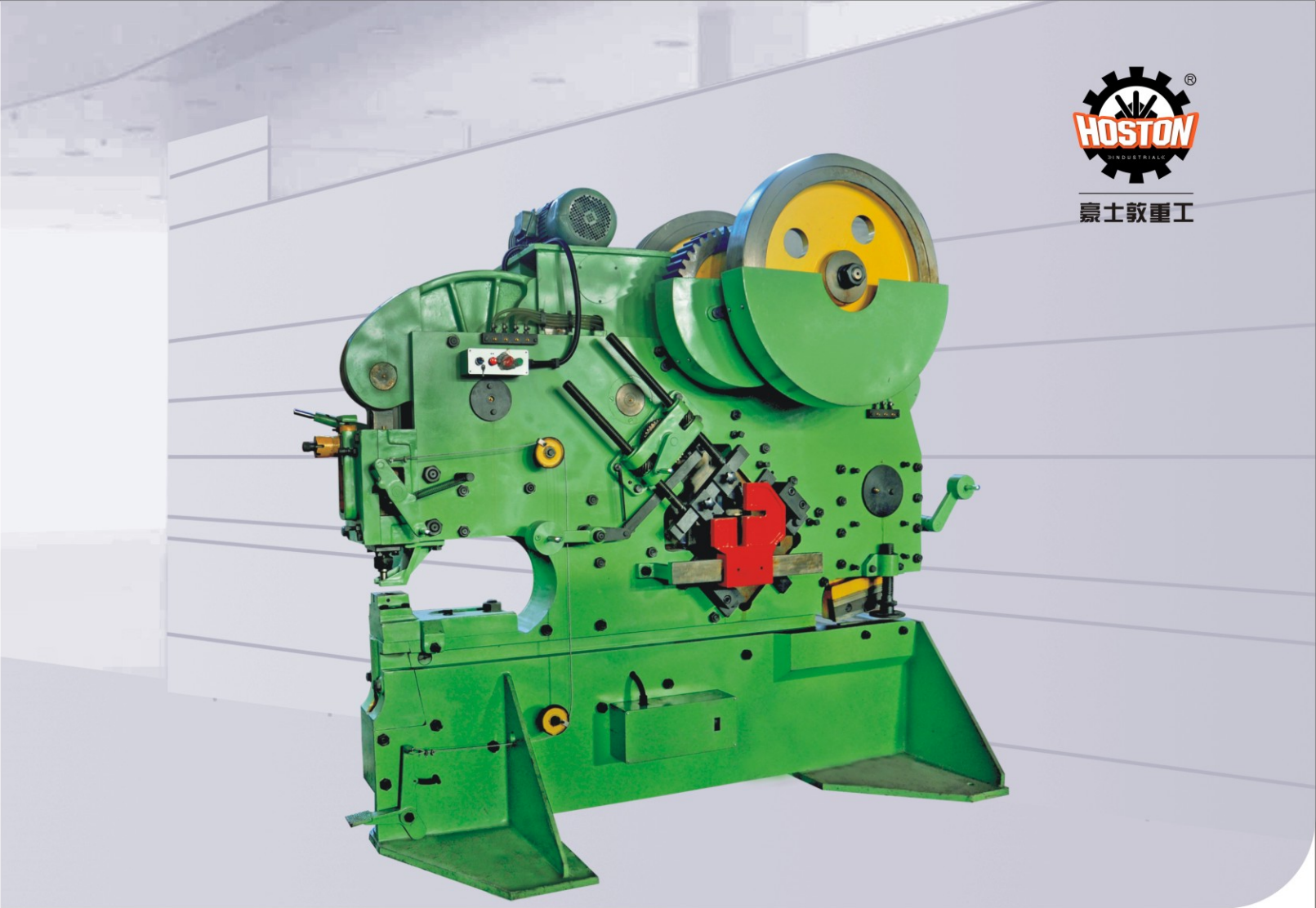
HOSTON MECHANICAL
Ironworker Machine



MIW SERIES MECHANICAL IRONWORKER MIW-63

Type		MIW-63
Processing Capacity (KN)		630
Material Tensile Strength (Mpa)		≤450
Ram Stroke(mm)		26
Number of Stroke(times/min)		36
Throat Depth(mm)		450
Shear Angle		13°
Flat Shearing	Max. Shearing Capacity (thickness* width) (mm)	16×120
Bar Shearing	Square Bar(mm)	40
	Round Bar (mm)	45
	C-channel (mm)	180
	I-beam (mm)	180
Angle shearing	90° shearing (mm)	120×12
	45° shearing (mm)	100×10
Max. Punching Capacity (diameter* thickness) (mm)		Φ28*16
Motor (KW)		4
Dimension(mm)		1950x1950x750
Weight(Kg)		2800

Note : Design and specifications subject to change without notice.



MIW SERIES MECHANICAL IRONWORKER MIW-110

Type		MIW-110
Processing Capacity (KN)		1100
Material Tensile Strength (Mpa)		≤450
Ram Stroke(mm)		36
Number of Stroke(times/min)		25
Throat Depth(mm)		600
Shear Angle		11°
Flat Shearing	Max. Shearing Capacity (thickness* width)(mm)	25×140
Bar Shearing	Square Bar(mm)	55
	Round Bar (mm)	65
	C-channel (mm)	300
	I-beam (mm)	300
Angle shearing	90° shearing (mm)	150×18
	45° shearing (mm)	110×14
Max. Punching Capacity (diameter* thickness) (mm)		Φ35*25
Motor (KW)		7.5
Dimension(mm)		3000x1300x2500
Weight(Kg)		7800

Note : Design and specifications subject to change without notice.