



WETORI

ACTION MACHINERY INDUSTRIES CO., LTD.

Hydraulic Press / Forming Machine

Live up to Customer More Demanding!

ABOUT US

- 1987** ▲ Factory established at Dongyin Rd., Taichung City, dealing in automobile sheet metal manufacturing press.
- 1990** ▲ Production of stainless pipe forming machines.
- 1994** ▲ Development and manufacture of high speed, cold & warm forming press.
- 1998** ▲ Manufacture of a reverse die spotting press with high accuracy, increased safety and faster production time.
- 2000** ▲ Passed ISO 9002 certification.
- 2001** ▲ Development of a multi-directional forming press, using an "internal fluid pressure" technique. Passed CE certification.
- 2008** ▲ Breakthrough development of an "inner hydraulic feed forming" technique used in bicycle frame & specialty car chassis manufacture.
- 2010** ▲ New factory in Dali Dist, Renhua Industrial Park, offering more services to meet customer needs.
Passed ISO 9001:2008 certification.
- 2014** ▲ Combine Liquid Forming and Hollow Forging technique to development a Horizontal Multi-Direction Forging Machine.
- 2017** ▲ Hydraulic Mult-Direction Forming Machine/ Tee Forming Machine was passed CE Certificate



- America
- Argentina
- Australia
- Canada
- China
- Czech Republic
- Egypt
- Germany
- India

- Indonesia
- Italy
- Japan
- Kuwait
- Malaysia
- Mexico
- Middle East
- Myanmar
- Pakistan

- Russia
- Saudi Arabia
- Singapore
- South Africa
- Spain
- Thailand
- Turkey
- United Arab Emirates
- Vietnam



Honest Attitude



**Perfect Quality
&
Aggressive Innovation**



Permanent Service





■ IST-1000 6D

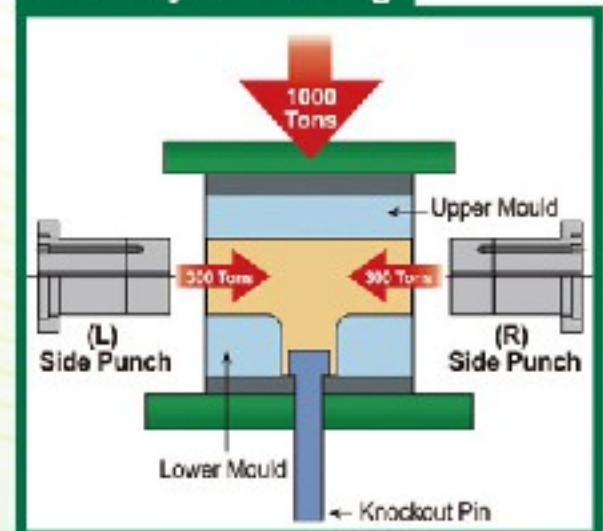
Hydroforming means what use shape of die to infuse high prssure water and push axial pressure to shape of die. Let metal to be transformer of plastic working.

Features:

1. Machining hollow metal components with complex shape.
2. The integrated machining can reduce weight and raise rigidly.
3. Shorten processing time and reduce cost of die.
4. According to Pascal's principle, same pressure for all side will be stability and raise quality.
5. Multi-Axes Forming in the same time.
6. Environmentally Friendly.



Activity Drawing



[VIDEO]

IST HYDRAULIC MULTI-DIRECTION FORMING MACHINE



[VIDEO]



■ IST-600

Specification	規格	Unit	IST-600	IST-800	IST-1200	IST-2000	IST-5000
Main capacity	主能力	ton	600	800	1200	2000	5000
Forming capacity	成型能力	tee	1/2"~4"	1/2"~6"	4"~8"	6"~12"	14"~24"
Main stroke	主行程	mm	400	500	600	900	1300
Table area L.R. x F.B.	工作台面積	mm	650x900	750x1000	850x1150	1100x1600	1500x2000
Transverse press	側缸能力	ton	450*2	600*2	800*2	1600*2	4000*2
Transverse stroke	側缸行程	mm	200	200	250	400	600
Cushion capacity	模墊能力	ton	100	150	200	300	500
Cushion stroke	模墊行程	mm	150	200	250	350	500
System pressure	系統壓力	kg/cm ²	250	250	250	250	300
Oil tank capacity	油箱容量	L	1500	1800	2200	3000	5000
Motor	使用馬力	HP	100	150	200	300	400
Intensifier pressure	增壓壓力	kg/cm ²	2500	2500	2000	2000	1600

ISD HYDRAULIC DEEP-DRAWING PRESS

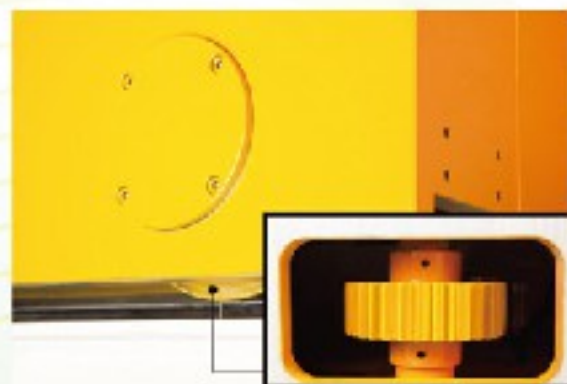


[VIDEO]

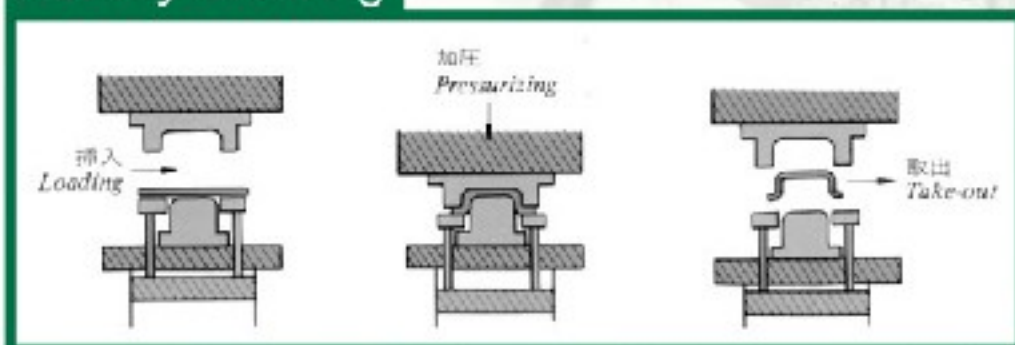


■ ISD-500

ISD series is especially suited to the manufacture of highly complex deep drawing products such as automobile and scooter parts, kitchen appliances and large thin wall products.



Activity Drawing



■ Automobile sheet metal manufacturing press line

Specification	規格	Unit	ISD-100	ISD-150	ISD-200	ISD-250	ISD-300	ISD-400
Main capacity	主能力	ton	100	150	200	250	300	400
Table area L.R. x F.B.	工作台面積	mm	950x720	1000x850	1200x1000	1400x1100	1500x1200	1800x1300
Day-light	最大開距	mm	650	850	950	1000	1100	1200
Stroke	行程	mm	500	650	700	750	800	900
Descending speed	下降速度	mm/sec	300	300	300	300	300	300
Pressing speed	加壓速度	mm/sec	10~15	10~15	10~15	10~15	10~15	10~15
Ascending speed	上昇速度	mm/sec	250	250	250	250	250	250
Cushion capacity	緩衝能力	ton	40	60	80	100	125	150
Cushion stroke	緩衝行程	mm	200	250	250	280	300	350
Motor	使用馬力	HP	20	25	30	40	50	60

Specification	規格	Unit	ISD-500	ISD-600	ISD-800	ISD-1000	ISD-1200	ISD-1500	ISD-2000
Main capacity	主能力	ton	500	600	800	1000	1200	1500	2000
Table area L.R. x F.B.	工作台面積	mm	2200x1500	2500x1800	2800x2000	3000x2200	3200x2400	3600x2500	3600x2500
Day-light	最大開距	mm	1350	1500	1600	1800	1800	2000	2300
Stroke	行程	mm	1000	1100	1200	1200	1300	1500	1800
Descending speed	下降速度	mm/sec	300	300	300	300	300	300	300
Pressing speed	加壓速度	mm/sec	10~20	10~20	10~20	10~20	10~20	10~20	10~20
Ascending speed	上昇速度	mm/sec	250	250	250	250	250	250	250
Cushion capacity	緩衝能力	ton	200	250	300	400	450	500	600
Cushion stroke	緩衝行程	mm	350	400	450	450	450	500	600
Motor	使用馬力	HP	75	100	125	150	175	200	300

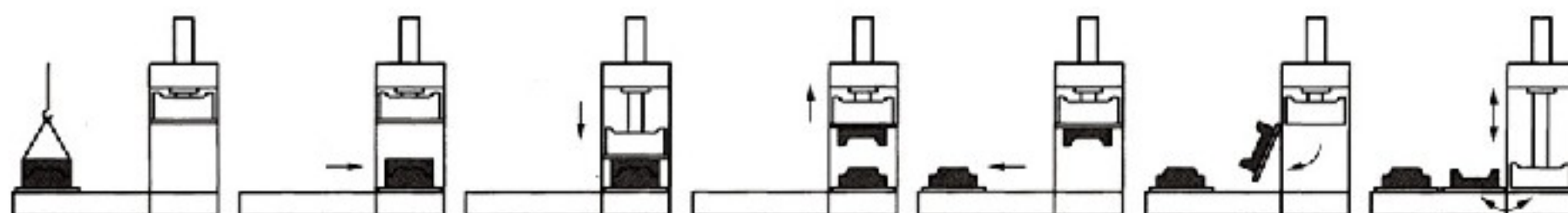
IDS DIE SPOTTING PRESS



■ IDS-150S-2015



■ Bolster Moving



■ Operation Procedure



■ Slide Reversing



■ 180° Slide Reversing

Specification	規格	Unit	IDS-50-1008	IDS-75-1008	IDS-100S-1310	IDS-100S-1612	IDS-150S-1612
Pressing capacity	加壓能力	ton	50	75	100	100	150
Pull-out capacity	引昇能力	ton	24	24	28	32	35
Table area L.R. x F.B.	工作台面積	mm	1000x800	1000x800	1300x1000	1600x1200	1600x1200
Daylight opening	最大開距	mm	1000	1000	1200	1300	1500
Stroke	行程	mm	1000	1000	1200	1300	1500
Clapper capacity	反轉能力	ton	2	2	2.5	3	4
Clapper angle	反轉角度	°	90/180	90/180	90/180	90/180	180
Max. mold weight	負載重量	ton	4	4	5	6	8
Motor	使用馬力	HP	10	10	15	15	20
Option accessories	選配						
Try out capacity	射臘容量	cc	1000	1000	1200	1500	3000
Try out heater	射臘電熱	kW	3.0	3.0	3.0	3.0	4.5



[VIDEO]



- High Precision
- Working Safety
- Shorten Operated Time
- Easy and Highly Efficient Control

■ IDS-500S-3624

Specification	規 格	Unit	IDS-150S-1813	IDS-200S-2015	IDS-200S-2515	IDS-300S-3020	IDS-500S-3624
Pressing capacity	加 壓 能 力	ton	150	200	200	300	500
Pull-out capacity	引 昇 能 力	ton	38	40	45	60	80
Table area L.R. x F.B.	工 作 台 面 積	mm	1800x1300	2000x1500	2500x1500	3000x2000	3600x2400
Daylight opening	最 大 開 距	mm	1600	1700	2000	2500	2700
Stroke	行 程	mm	1600	1700	2000	2500	2700
Clapper capacity	反 轉 能 力	ton	5	7	10	15	20
Clapper angle	反 轉 角 度	°	180	180	180	180	180
Max. mold weight	負 載 重 量	ton	11	15	20	30	40
Motor	使 用 馬 力	HP	25	30	30	40	50
Option accessories	選 配						
Try out capacity	射 膠 容 量	cc	3000	4500	5600	7300	7300
Try out heater	射 膠 電 熱	KW	4.5	4.5	5.0	5.0	5.0

ISS HYDRAULIC FORGING PRESS



[VIDEO]



■ ISS-600

Devotion to the research and development of precision forged products has long been an important goal for Taiwan's manufacturers. With our considerable expertise and history in manufacturing industrial equipment, **WETORI** has been able to successfully develop a variety of high quality warm and cold chamber precision forging hydraulic presses.

Specially designed with a logical hydraulic system, an intensifier and an accumulator, our processing machines can fully utilize its integrated mechanism and electronic features.

WETORI aims to provide customers with machines featuring safe and precise operation functions that meet industry requirements. We guarantee that all of our products pass strict and complete quality control, and our fast after-sales service will satisfy customer needs.



■ Hydraulic forging plant.



Specification	規 格	Unit	ISS-400	ISS-500	ISS-600	ISS-800
Pressing capacity	加 壓 能 力	ton	400	500	600	800
Pull-out capacity	引 昇 能 力	ton	30	40	50	60
Table area L.R. x F.B.	工 作 台 面 積	mm	600x700	700x800	800x900	900x1000
Stroke	行 程	mm	500	500	500	600
Daylight opening	最 大 開 距	mm	700	700	750	850
Descending speed	下 降 速 度	mm/sec	350	350	350	350
Pressing speed	加 壓 速 度	mm/sec	15-30	15-30	15-30	15-30
Ascending speed	上 昇 速 度	mm/sec	300	300	300	300
Intensifier capacity	增 壓 壓 力	kg/cm ²	450	450	450	450
Die cushion capacity	模 墊 能 力	ton	40	40	50	50
Cushion stroke	模 墊 行 程	mm	150	150	200	200
Motor	使 用 馬 力	HP	50	60	60	75

Specification	規 格	Unit	ISS-1000	ISS-1200	ISS-1500	ISS-2000
Pressing capacity	加 壓 能 力	ton	1000	1200	1500	2000
Pull-out capacity	引 昇 能 力	ton	80	80	100	120
Table area L.R. x F.B.	工 作 台 面 積	mm	1000x1050	1000x1200	1100x1350	1200x1500
Stroke	行 程	mm	600	700	800	1000
Daylight opening	最 大 開 距	mm	850	950	1050	1400
Descending speed	下 降 速 度	mm/sec	350	350	350	350
Pressing speed	加 壓 速 度	mm/sec	15-30	15-30	15-30	15-25
Ascending speed	上 昇 速 度	mm/sec	300	300	300	300
Intensifier capacity	增 壓 壓 力	kg/cm ²	450	450	450	600
Die cushion capacity	模 墊 能 力	ton	60	80	100	150
Cushion stroke	模 墊 行 程	mm	250	250	300	350
Motor	使 用 馬 力	HP	100	125	150	200



■ Electrical Cabinet with Mitsubishi PLC



■ ISF-100

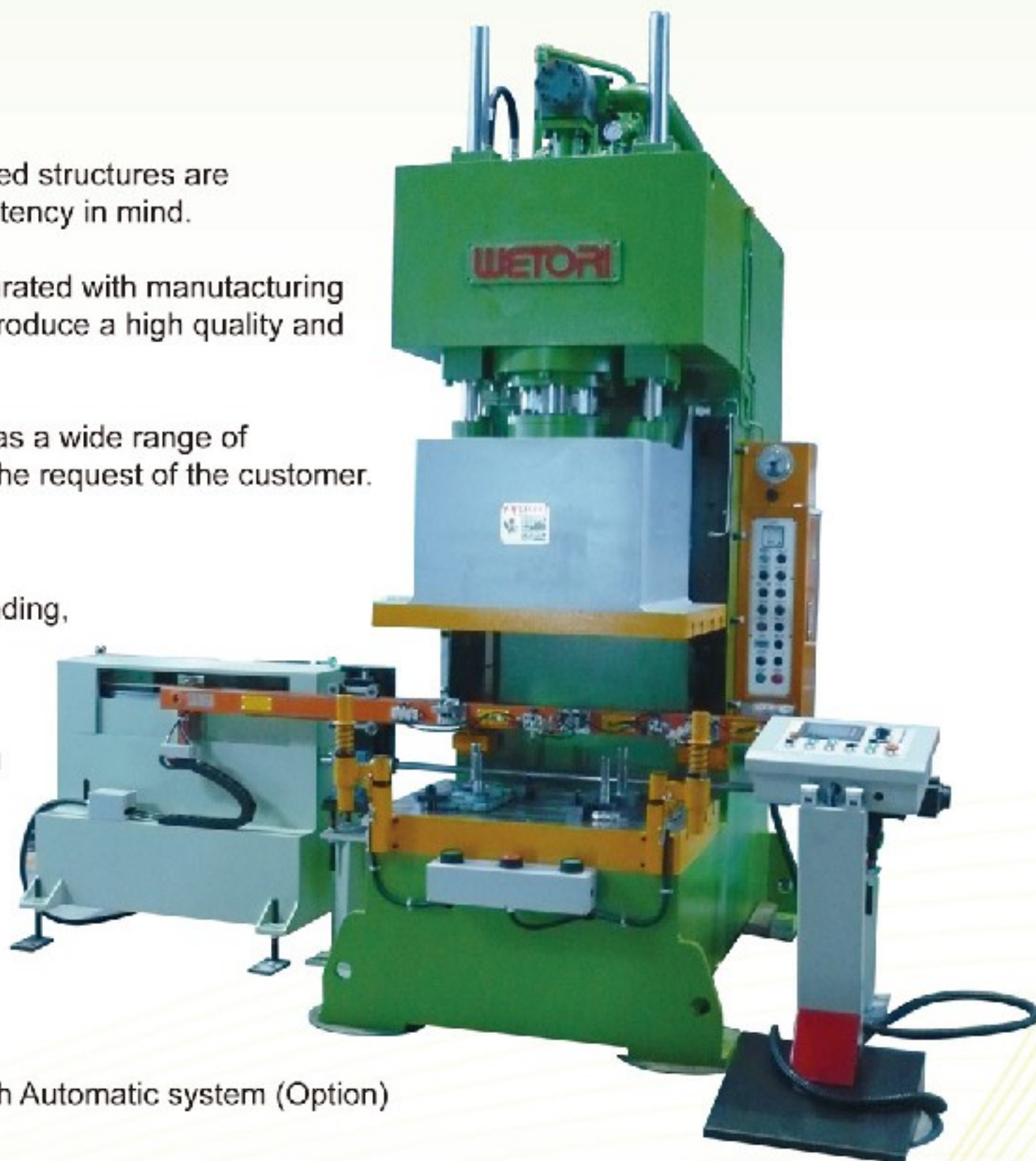


■ Controls

Specification	規格	Unit	ISF / ISC -10	ISF / ISC -20	ISF / ISC -30	ISF / ISC -50	ISF / ISC -80
Main capacity	最大出力	ton	10	20	30	50	80
Stroke	行程	mm	250	300	350	350	400
Daylight opening	最大開距	mm	350	400	500	500	600
Table area L.R. x F.B.	工作台面積	mm	500x400	600x450	700x500	800x550	900x600
Descending speed	下降速度	mm/sec	100	100	1000	100	200
Pressing speed	加壓速度	mm/sec	20	20	18	15	15
Ascending speed	上昇速度	mm/sec	130	130	130	130	220
Motor	使用馬力	HP	3	5	7 1/2	10	15
Depth for ISC	喉深	mm	250	250	300	300	350
Option accessories	選配						
Mold cushion	模墊能力	ton	3	5	5	10	15
Cushion stroke	模墊行程	mm	100	120	120	120	150

ISC C-TYPE HYDRAULIC PRESS

- ISC and ISF with reinforced structures are manufactured with consistency in mind.
- The hydraulic circuit integrated with manufacturing procedures which can produce a high quality and precise product.
- It is multifunctional and has a wide range of applications available at the request of the customer.
- ISC and ISF presses are applicable to loading, bending, straightening, stretching, compressing, forging, trimming etc. to complimentary machining patterns.



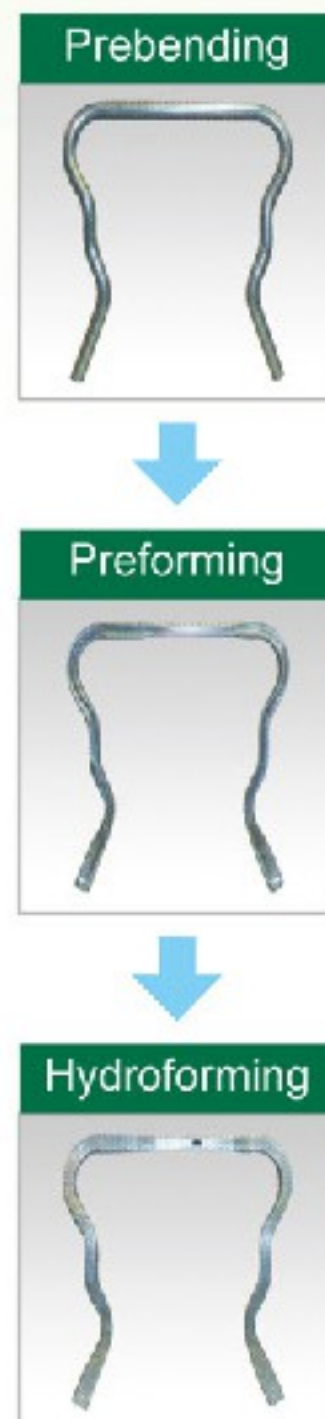
■ ISC-100
ISC-100 with Automatic system (Option)

Specification	規格	Unit	ISF / ISC -100	ISF / ISC -150	ISF / ISC -200	ISF / ISC -300
Main capacity	最大出力	ton	100	150	200	300
Stroke	行程	mm	400	500	600	700
Daylight opening	最大開距	mm	600	750	850	1000
Table area L.R. x F.B.	工作台面積	mm	1000x750	1200x800	1300x900	1500x1000
Dscending speed	下降速度	mm/sec	200	200	220	220
Pressing speed	加壓速度	mm/sec	15	12	12	12
Ascending speed	上昇速度	mm/sec	220	250	250	250
Motor	使用馬力	HP	20	25	30	40
Depth for ISC	喉深	mm	400	450	500	530
Option accessories	選配					
Mold cushion	模墊能力	ton	20	30	50	80
Cushion stroke	模墊行程	mm	150	150	200	200



■ ISH-4000

Hydraulic deep-drawing press with pressurization system



Specification	規格	Unit	ISH-1000	ISH-2000	ISH-3000	ISH-4000	ISH-5000
Die spotting capacity	合模能力	ton	1000	2000	3000	4000	5000
Pull-out capacity	引昇能力	ton	80	120	150	180	200
Table area L.R. x F.B.	工作台面積	mm	1800x1200	2000x1200	2500x1500	3000x2000	3500x2500
Stroke	行程	mm	-	900	1000	1200	1200
Descending speed	下降速度	mm/sec	220	220	250	220	250
Pressing speed	加壓速度	mm/sec	5-10	5-10	5-10	5-10	5-10
Ascending speed	上昇速度	mm/sec	250	250	280	300	300
Intensifier capacity	增壓壓力	Mpa	280	280	300	400	400
Volume booster	增壓器容積	L	1.4	1.4	3	7	7
Motor	使用馬力	HP	150	200	300	400	500

IPB STAINLESS ELBOW FORMING MACHINE



■ Stainless steel pipe fitting forming products



[VIDEO]

■ IPB-500S

Combine Hydraulic Forming and Electric System to cold extrude the stainless steel pipe forming to the 90° & 45° Elbows.

Specification	規格	Unit	IPB-60S	IPB-120S	IPB-180S	IPB-250S	IPB-500S
Main capacity	最大出力	ton	60	100	150	250	500
Forming capacity	成型能力	10S~40S	1/2"~2"	1/2"~4"	2"~6"	4"~8"	8"~12"
System pressure	系統壓力	kgs/cm ²	210	210	210	250	250
Oil tank capacity	油箱容量	L	350	600	800	1200	2000
Motor	使用馬力	HP	15	25	40	50	75
One cycle time	成型速度	sec	30~55	40~75	45~80	50~110	150~240
Net wight	機械淨重	kgs	6000	10000	20000	36000	60000

MAIN PRODUCTS

- Hydraulic Multi-Direction Forming / Tee Forming Machine
- Hydraulic Deep-Drawing Press
- Hydraulic Die Spotting Press
- Hydraulic Forging Press
- 4 - Column Hydraulic Press
- C - Type Hydraulic Press
- Hydraulic Press
- Stainless Fitting Machine
 - Elbows 1/2"~24" (Pipes Forming)
 - Tees 1/2"~24" (Pipes Forming)
 - Reducers 1/2"~24" (Pipes Forming)
 - Stub Ends 1/2"~12" (Pipes Forming)
 - Caps 1/2"~24" (Steel Forming)



WETORI

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