

THE MOST PROFESSIONAL
MANUFACTURER OF METAL SHEET FORMING MACHINERY



www.suzhouboarding.com

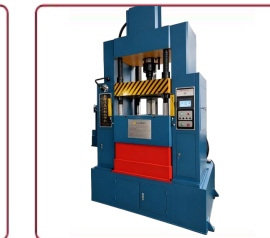


www.szboarding.com



Suzhou Boarding Machinery Co.,Ltd
 Suzhou Add: E1604, E Block, 99# You Xiang Road, Wu Zhong District,
 Suzhou, China
 Foshan Add: 2# Lian He Road,Yan Bu,Nanhai District,Foshan
 City,Guangdong Province,CN
 Tel:0086-512-68798792
 Mobile/whatsapp:0086-18605124253
 Contact Person: Clement Cai
 Skype:caiming1013
 Wechat:383478646
 Email:mcai@szboarding.com 383478646@qq.com
 Website:www.szboarding.com www.boardingmachinery.com

ONE-STOP
SUPPLIER



苏州泊汀机械有限公司

Suzhou Boarding Machinery Co.,Ltd.

COMPANY
PROFILE

Suzhou Boarding Machinery Co.,Ltd is one manufacturing and trading enterprise of one-stop service, locating at Suzhou City,China,which major mission is to supply with complete solution for deep drawing components.

- Our major business includes:
- PLC Double Acting Hydraulic Deep Drawing Machines;
 - Four-Column Hydraulic Press;
 - Water Bulging Hydro Forming Machine;
 - High-Precision Hydraulic Power Press;
 - Hydraulic Cold Extrusion Machine;
 - Frame Induction Press;
 - CNC Simple Spinning Machines

We have experienced several development stages:

1,first stage: with the company name Suzhou Hengda Drawing Co.,Ltd established in 2004 to make the aluminum kettles only.Right now,we use BOARDING brand to distribute our machine in China and abroad.

2,second stage:with the company name Daily Electric Appliance Co.,Ltd established in 2010 to manufacture the deep drawing machines and make the trading business of all deep drawing products such as gas cylinders.

3, third stage:Suzhou Boarding Industrial Co.,Ltd established in 2015 to focus on the complete production project of deep drawing products.We are not only supply with the deep drawing machines but also other metal sheet forming machinery.

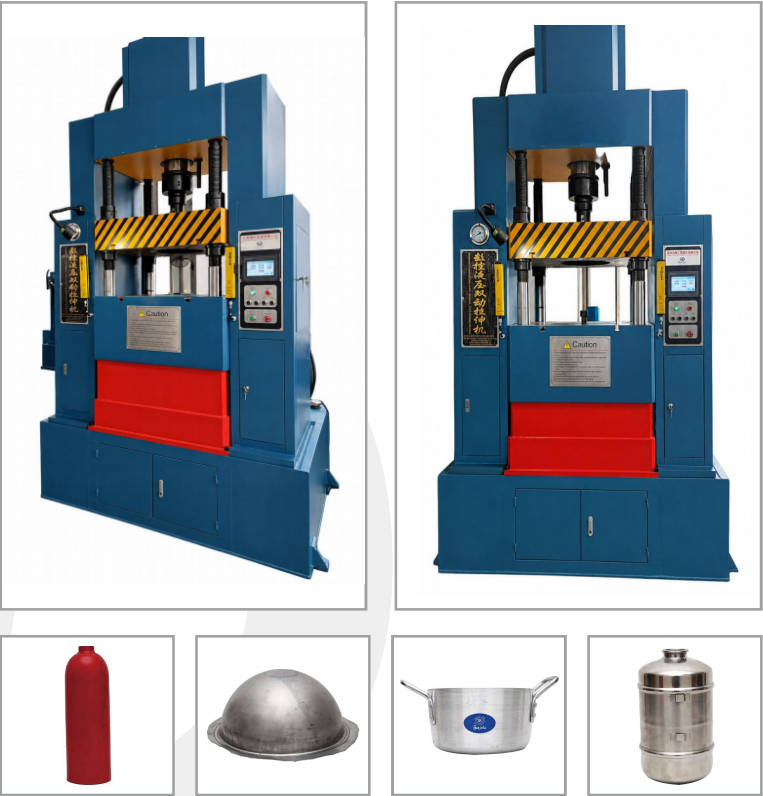
4, fourth stage:we develop and supply with the big frame hydraulic machinery with the capacity more than 500T,1000T,2000T,3000T. which purpose is to cover all deep drawing components for all industries.

The key machines include the ZY07 series hydraulic water bulging machinery,ZY34 series Frame Hydraulic Press,YD65 series four-column hydraulic machines,HD Series Numerical control double-acting hydraulic deep drawing machines,etc. Especially the patented HD Series PLC Double Acting Hydraulic Deep Drawing Machines is the good option for the deep drawing of all kinds of metal sheet deep drawing components.

It`s our permanent pursuit to help customer to solve the difficulties in production,simplify the procedure of new deep drawing project,etc.

YOU FIND THE CORRECT COMPANY OF METAL SHEET FORMING NOW.
ONE-STOP SERVICE IS HERE, LET`S MAKE IT MORE EASY!

PLC Double Acting Hydraulic Deep Drawing Machine



- * the locked mode equipment of five pivots,double cranks and oblique arrangement which can increase the pressure and stroke
- * Die-opening speed is faster,and without impulsive force
- * Hard chromed columns is with the characters of anti-fraying,anti-corrosion and long life
- * With automatic ejector to simplify the mold structure
- * Concentrated lubrication system to extend the using life
- * The blanking pressure can be adjusted according to dif-ferent requirement
- * The imported seal components to ensure the best sealing performance
- * The famous hydraulic components to ensure the best machining performance
- * The photoelectric protector to ensure the safety when feeding and stripping.
- * Two modes for option:manual and automatic
- * Small motor is equipped to save power
- * Small volume with lower noise,but with big pressure
- * Multifunction for the punching,trimming and deep draw-ing
- * PLC is used to operate and setup data easily

TECHNICAL PARAMETER

Name	Unit	YP30	YP46	YP65	YP80	YP100	YP120	YP150
Nominal Pressure	KN	300	460	650	800	1000	1200	1500
Working Pressure	Mpa	15	18	20.7	21	20.5	19.5	21.6
Drawing Depth	mm	0~180	0~230	0~230/0~280	0~300/0~340	0~310	0~310	0~315/0~420
Period	time/min	9~13	8~12	8~12/7~11	6~10/5~8	5~8	5~8	4~8/3~8
Maximum Blank	mm	400	460	520	650	750	750	700/1085
Blank Thickness	mm	0.3~1.5	0.3~2.0	0.4~2.5	0.4~2.85	0.5~3.0	0.5~3.5	0.5~5.0/0.5~4.0
Worktable Size	mm	535*435	595*510	685*580	795*695	985*810	985*810	1000*850/1395*1105
Die-filling Screw	mm	M42*4	M42*4	M42*4	M50*4	M72*6	M72*6	M90*6/M72*6
Maximum Clamp Force	T	40~80	40~80	40~80	80~120	120*180	120~180	150-180
Blanking Holding PlateCenter Hole Dia.	mm	230	245	290	352	400	400	400/550
Effective Area ofWorktable	mm	375*435	415*510	455*580	570*695	715*810	715*810	700*850/1085*1105
Motor Power	KW	7.5	11	15	15	22	22	22
Weight	kg	1800	2300	2800/3000	4600/5000	6300	7000	6200/7800
Dimensions	mm	1400*1040*2400	1480*1120*2700	1566*1200*2800 1566*1200*3100	1700*1340*3150 1700*1340*3300	1800*1340*3400	1800*1420*3600	1855*1460*3550 2600*1900*4000

ZY34 Series Frame Hydraulic Presses (Frame Cold Extrusion Series)

Application:

These machines are available for the pressing ,forming of hardware,glasses, Components of electric appliances,stamping,metal logo,watchband,watch shells,plastic and rubber industry,cookware induction,etc.

Characteristics:

- * High efficiency,low energy consumption
- * With two steps of speed,fast speed without loading,slow speed when pressing
- * The stroke position of sliding block can be adjusted ,the speed can adjusted,which operation is very simple
- * With the function of pressure protection,and position-limited
- * Operation mode:Manual and Semi-automatic



TECHNICAL PARAMETER

Items	Machine Models								
	Unit	ZY34-100	ZY34-200	ZY34-300	ZY34-500	ZY34-800	ZY34-1000	ZY34-1500	ZY34-2000
Rated Pressure	KN	1000	2000	3000	5000	8000	10000	15000	20000
Max.working pressure	Mpa	20	23	23	24	24	26	20	20
Max.stroke	mm	160	160	160	160	160	160	160	160
Max.Daylight	mm	350(500)	400(600)	450 (650)	550(800)	550(1000)	600(1000)	700(1200)	800(1200)
Upward speed of ram	mm/s	200	200	200	200	200	200	200	200
Speed of pressing	mm/s	6/12	4/10	3/6	3/7	2/5	3/7	2/5	2/5
Speed of return	mm/s	200	200	200	200	200	200	200	200
Real working table size	mm	420*420	500*520	580*580	700*700	750*750	900*900	920*920	1150*1150
Height between working table and ground	mm	900	950	990	1100	1200	1400	1580	1700
Overall dimension(LR*FB*H)	mm	900*950*1200	1100*1000*1400	1150*1100*1500	1300*1200*1750	1400*1300*1850	1500*1500*2800	1680*2000*3000	2000*2000*3200
Motor Power	KW	5.5	7.5	7.5	15	18.5	22	37	45
Max.pressure of supercharger	Mpa							39	39
Machine Weight	T	2	2.8	3.5	6	12	16	19	24

ZY07 Series Water Bulging Hydroforming Press

Application:

Mainly use to process column pipes,tea ket-tles,vacuum cups,pots,bronze tripodal vessels,cym-bals,caps and other cambered parts that needs the water bulging forming,also include the manufactur-ing industry of decorative pipes and fittings.

Characteristics:

- * Using industrial microcomputer PLC Control Sys-tem,the operation is very convenient
- * Low energy consumption
- * fast move downward without loading,but slow speed for closing dies and pressing
- * High precision
- * High efficiency and good quality ,it is avail-able to form several working pierces for one time. * Low noise



TECHNICAL PARAMETER

Items		Model No.					
		Unit	ZY07-150	ZY07-200	ZY07-250	ZY07-300	ZY07-400
Rated Pressure of Main Cylinder		KN	750	1000	1250	1500	2250
Maximum Pressure of Main Cylinder		Mpa	20	20	20	20	20
Stroke of Main Cylinder		mm	700	720	750	800	1000
Maximum Daylight		mm	1300	1100	1300	1100	1500
Speed of Main Cylinder	Down	mm/s	390	460	460	300	300
	Work	mm/s	25	58	25	42	25
	Return	mm/s	370	410	400	350	300
Effective Area of Table		mm	540 x 500	630 x 600	630 x 600	650 x 650	750 x 750
Rated Pressure of Push Cylinder		KN	30	60	90	100	100
Stroke of Push Cylinder		mm	200	250	250	250	250
Area of Slide Table		mm	500 x 380	600 x 450	600 x 500	600 x 600	700 x 700
Rated Pressure of Main Booster Cylinder		mm	750	1000	1250	1500	1750
Stroke of Booster Cylinder		mm	450	450	450	450	450
Capacity of Water Cylinder		L	4	4	4	4	4
Maximum Pressure of Water Cylinder		MPa	80-160	80-160	80-160	80-160	80-160
Motor Power		KW	11+3	22+3	22+3	22+3	30+3
Overall Dimension(LR*FB*H)		mm	2440x1450x3300	2560x1880x3500	2660x1880x3500	2750x1880x3600	2850x1990x3900
Net Weight		T	5.3	6.5	6.5	8.5	9.4

YSR98 Large Cold Extrusion Hydraulic Press



Application:

YSR98 Series machines are widely used for the cold extrusion and forming of metal material,such as stamping ,forming,short deep drawing,shaping and trimming of metal or nonmetal material.

Characteristics:

- * The orientation of frame and working table is very accurate,the rigidity is good,anti -yawing force is stronger,which is available for stamping asymmetrical items.
- * he cylinders are processed through forging and high-precision milling,which has the best performance under high pressure.
- * The four columns are made by the alloy steel of high strength,which are also chromed on the surface with good performance of wear-resisting.
- * The ram is moving from top to bottom,which is better to increase the working efficiency and safe operation.

TECHNICAL PARAMETER

Items	Unit	Model No.								
		YSR98-100	YSR98-160	YSR98-200A	YSR98-200B	YSR98-300A	YSR98-300B	YSR98-350	YSR98-400	YSR98-500A
Rated Pressure	KN	1000	1600	2000	2000	3000	3000	3500	4000	5000
Max.pressure of main cylinder	MPa	25	25	25	25	25	25	25	25	25
Max.stroke of main cylinder	mm	300	500	400	400	400	400	400	400	500
Max.daylight of main cylinder	mm	600	700	700	700	800	800	800	1000	1000
Return Pressure	KN	100	150	180	180	200	200	200	200	300
Effective Area of Working Table (LR*FB)	mm	600*500	600*500	600*600	700*700	600*600	700*700	700*700	700*700	700*700
Downward Speed	mm/s	250	250	250	250	250	250	250	230	230
Pressing Speed	mm/s	7-10	8-12	8-15	10-20	10-20	10-20	10-20	8-15	8-15
	mm/s	15-20	15-20	15-25	16-30	16-30	16-30	16-30	10-20	10-20
Return Speed	mm/s	230	230	230	230	230	230	230	220	220
Upper Ejector Force	KN	100	100	200	200	200	200	200	200	200
Upper Ejector Stroke	mm	100	100	100	100	100	100	100	100	100
Lower Ejector Force	KN	150	200	200	200	300	300	300	300	400
Lower Ejector Stroke	mm	150	150	150	150	200	200	200	200	200
Motor Power	KW	7.5	18.5	15*2	15*2	15*2	15*2	15*2	18.5*2	18.5*2
		15	18.5*2	18.5*2	18.5*2	22*2	22*2	22*2	22*2	22*2
Machine Weight	Kg	3000	5000	5500	6000	6500	7000	8000	10000	11000

Items	Unit	Model No.								
		YSR98-500B	YSR98-650	YSR98-800	YSR98-1000	YSR98-1200	YSR98-1500	YSR98-1600	YSR98-2000	YSR98-2500
Rated Pressure	KN	5000	6500	8000	10000	12000	15000	16000	20000	25000
Max.pressure of main cylinder	MPa	25	25	25	25	25	25	25	25	25
Max.stroke of main cylinder	mm	500	500	500	500	500	500	500	500	500
Max.daylight of main cylinder	mm	1000	1000	1000	1000	1200	1200	1300	1300	1300
Return Pressure	KN	300	300	400	500	800	1000	1100	1500	1800
Effective Area of Working Table (LR*FB)	mm	800*800	800*850	880*880	900*1100	900*1100	1300*1300	1300*1300	1350*1400	1380*1550
Downward Speed	mm/s	230	180	180	180	160	150	150	150	150
Pressing Speed	mm/s	8-15	8-12	8-12	8-12	8-12	6-12	6-15	5-10	5-10
	mm/s	10-20	11-17	11-17	11-16	11-16	11-16	11-16	8-15	6-12
Return Speed	mm/s	220	220	200	200	180	150	180	150	150
Upper Ejector Force	KN	200	250	500	600	800	800	400	800	800
Upper Ejector Stroke	mm	100	100	250	250	200	150	150	150	150
Lower Ejector Force	KN	400	400	500	800	800	1500	1500	1500	1500
Lower Ejector Stroke	mm	200	200	200	200	200	150	150	150	150
Motor Power	KW	18.5*2	22*2	30*2	37*2	37*2	37*2	37*2	37*4	37*4
		22*2	22+37	37*2	45*2	45*2	45*2	45*2	45*4	45*4
Machine Weight	Kg	12000	15000	17000	22000	29000	38000	42000	62000	70000

YD65 Four-column Hydraulic Deep Drawing Presses



Application:

Available for the pressing and deep drawings of aluminium, copper, iron and stainless steel parts.

The big machines are available for the big vessels and tanks, such as water sinks, big size pots, etc., are also available for the pressings of vehicle covers, components of ships and aerospace industries,

Characteristics:

- * Low energy consumption
- * fast move downward without loading, but slow speed for closing dies and pressing
- * High precision, but low noise
- * The moveable ram has the position-limited protection, and stroke is adjustable
- * Photoelectric sensor is equipped for operator safety.
- * Automatic counting is available
- * Pressure can be adjusted

TECHNICAL PARAMETER

Items		Unit	YD65-45	YD65-75	YD65-100	YD65-130	YD65-150	YD65-200	YD65-250	YD65-300
Rated Pressure of Main Cylinder		KN	300	500	650	850	1000	1500	1700	2000
Max. pressure of Main Cylinder		Mpa	19	20	20	20	20	20	20	20
Return Pressure		KN	40	40	50	60	60	70	70	70
Rated Pressure of Lower Cylinder		Mpa	150	250	350	450	500	700	800	1000
Max. pressure of Lower Cylinder		KN	19	20	20	20	20	20	20	20
Rated Pressure of Ejector Cylinder		KN	10	10	12	12	15	50	50	50
Stroke of Ram		mm	380	450	500	550	550	600	650	650
Stroke of Lower Cylinder		mm	180	220	240	265	265	285	310	310
Stroke of Ejector Cylinder		mm	110	150	220	220	220	220	220	220
Daylight	Max.	mm	550	700	800	850	850	950	1000	1000
	Min.	mm	170	250	300	300	300	350	350	350
Speed of Ram	Unload	mm/s	300	300	300	250	250	250	250	250
	Work	mm/s	28	23	25	12/25	12/25	12/25	12/25	12/25
	Return	mm/s	300	280	280	280	250	220	220	220
Upward speed of lower cylinder		mm/s	77	65	65	65	60	70	70	70
Motor Power		KW	5.5	7.5	11	15	15	22	30	30
Real Table Size(LR*FB)		mm	390*450	490*550	550*600	600*600	700*800	700*880	700*880	750*950
Overall Dimensions(LR*FB*H)		mm	1540*1000*2540	1550*1030*3100	1740*1200*3150	1800*1210*3250	1880*1350*3500	1930*1650*3550	1930*1650*3550	1930*1650*3850
Machine Weight		T	2	3	3.8	4.5	5	7	7.5	9.5

Items		Unit	YD65-350	YD65-450	YD65-500	YD65-600	YD65-700	YD65-800	YD65-1000
Rated Pressure of Main Cylinder		KN	2350	3000	3000	4000	5000	5500	6000
Max. pressure of Main Cylinder		Mpa	20	20	21	21	20	20	20
Return Pressure		KN	80	80	100	150	300	150	300
Rated Pressure of Lower Cylinder		Mpa	1150	1500	2000	2000	2000	2500	4000
Max. pressure of Lower Cylinder		KN	20	20	21	20	20	21	20
Rated Pressure of Ejector Cylinder		KN	50	50	50	50/80	50/80	50/80	50/80
Stroke of Ram		mm	650	700	700	700	900	900	900
Stroke of Lower Cylinder		mm	310	310	310	310	400	400	420
Stroke of Ejector Cylinder		mm	250	250	200	200	200	250	250
Daylight	Max.	mm	1000	1000	1000	1300	1500	1500	1500
	Min.	mm	350	300	300	600	600	600	600
Speed of Ram	Unload	mm/s	250	250	250	220	220	220	250
	Work	mm/s	12/25	12/25	12/25	12/25	12/25	10/20	10/20
	Return	mm/s	220	220	220	220	220	220	220
Upward speed of lower cylinder		mm/s	70	70	70	70	70	70	70
Motor Power		KW	37	37	45	45	45+22	45+23	55
Real Table Size(LR*FB)		mm	800*1000	1100*1100	1100*1050	1200*1200	1500*1400	1500*1600	1500*1600
Overall Dimensions(LR*FB*H)		mm	1900*1700*4200	2600*2200*4200	2630*2200*4400	2445*2200*4300	4000*2000*5600	4200*2500*5800	4500*2600*8600
Machine Weight		T	13	16	17	19	28	36	42

ZWJ Four-column Fast Fine Blanking Press

Application:

ZWJ series Fast Fine Blanking Press is a kind of advanced precision forming machine,which is the new machine that was developed by our company. You can get the component with high precision,-good surface and better stereoscopic shape if using our machines for pressing.

The machines are widely used for the vehicle industry,electric appliances,and electronics,etc.

Characteristics:

- * Stronger steel support device,high precision pressing depth position setting,the tolerance is within 0.02mm
- * Closed-loop control system,fast and accurate position setting
- * Advanced hydraulic control system,flow ration control,stable performance,low energy consumption,and low noise
- * Photoelectric sensor is equipped.



TECHNICAL PARAMETER

Items		Unit	ZWJ-100	ZWJ-200	ZWJ-300	ZWJ-350	ZWJ-400	ZWJ-630
Main Cylinder Force		KN	1000	2000	3000	3500	4000	5000
Lower Ejector Force		KN	200	250	250	250	300	700
Main Cylinder Stroke		mm	150	150	150	150	150	300
Lower Cylinder Stroke		mm	30	30	30	30	30	100
Downward Speed of Main Cylinder without loading		mm/s	300	300	300	300	300	250
Working Speed of Main Cylinder		mm/s	1-5	1-5	1-5	1-5	1-5	6-10
Return Speed of Main Cylinder		mm/s	300	300	300	300	300	230
Ejection Speed of Lower Cylinder		mm/s	100	100	100	100	100	80
Upper Ejection Cylinder Force		KN	300	300	300	300	300	600
Upper Ejection Cylinder Stroke		mm	30	30	30	30	30	30
Working Table Area	L-R	mm	750	800	850	960	960	700
	F-B	mm	700	750	800	850	850	700
Overall Dimensions	L-R	mm	500	2600	2700	3000	3200	2800
	F-B	mm	1600	1650	1700	1800	1800	2050
	Height	mm	2700	2750	2850	2900	3000	3350
Height between table and ground		mm	860	860	860	860	860	1090
Max.daylight		mm	250	300	350	350	350	700
Main Cylinder Pressure		MPa	21	21	21	21	21	21
Bottom Cylinder Pressure		MPa	21	21	21	21	21	21
Motor Power		KW	7.5+3	11+3	15+3	18.5+5.5	22+5.5	30+5.5
Machine Weight		Kg	8000	9000	10000	11000	12000	12500

CNC Automatic Simple Spinning Machine

Application:

This machine is available for the industry of lamps,kitchenware,and handi-craft,etc,which is good for the production of the shapes of barrels,cone,arc,horn,bullet,etc.

Characteristics:

- * With the software function of mature CAD drawing and programming,the moving track of rotation wheels can be straight line,arc,connection line of multi-arc,combined curve,etc.,can also be input into computer for pass nor-malization programming.
- * The operator can input technology parameter and spinning pass through key-board and operation panel,and can work for editing,memory and call,etc.
- * With the function of central mould outline "copy" and protection,which means that the rotation wheels will not touch the mould when testing and adjusting.
- * When working as the automatic program,the speed of feeding and rotation speed of major axis will pause.There is the function of stroke limita-tion,hard&soft limitation protection of control system,inspection and warn-ing.
- * Automatic inspection for any problems of unit when starting machine,auto-matic diagnosis,and overloading function,etc.
- * According to the customer's requirement,can achieve at the spinning of any kind of shapes,to ensure that the shape,dia.and ironing can meet all sizes requirement.
- * The same machine can finish the function of trimming、flaring、curling、



TECHNICAL PARAMETER

Model		BR300	BR350	BR450	BR500	BR500 (simple)	BR650
Power supply(KN)		AC 380v Three-phase Four-wire					
Position Precision		0.01mm					
Frequency		10-3000RPM					
Automatic oil supply		BE2232 AC220V 25W1					
Blades(set)		5or6	5	5or6	5	5	5or6
Input methods		Manual Input					
Air Pressure Source(Mpa)		0.5Mpa					
Main spindle Power(KW)		4		5.5	4		7.5
Center Height of Main Axis(mm)		220	250	235	250		325
Tail stock Travel(mm)		230	300	450	300		460
Axis Travel(mm)	Y Axis	270	400	600	300		640
	X Axis	360	500	430	300		430
X Axis Inner-space size(mm)		760	700	900	600		900
GrossWeight(KG)		1800	1500	3000	1200		3400
Spinning Scale	Circle Dia.(mm)	300	350	500			650
	ALU.thickness(mm)	0.5-2.0		0.5-3.0	0.5-4.0		
	MS.thickness(mm)	0.5-1.2		0.5-2.0	0.5-2.0		
	SS.thickness(mm)				0.5-1.5		
Dimension(L×W×H)		1960*1000*1900	1880*1000*1650	3050*1900*1950	1800*1000*1650		3050*1980*1950
Special model can be custom-made.Professional design and manufacturing for CNC Metal Spinning Machine.							

YRK Series Large Frame-type Hydraulic Press (servo motor for option)

YRK Series Large Frame-type Hydraulic Press (servo motor for option)

This series of presses are use for the forming,stamping,extruding,bottom induc-tion of cookware,hardware,etc.It's the best option for the stamping and bottom induction of non-stick aluminum pots,induction of stainless steel into aluminum circles.

1.The major frame and main cylinder are made of the high-strength prestressing internal wire-twisting technology.The frame will have the characters of good fatigue resistance and good safety.The hydraulic system takes use of the new advanced high pressure sealing structure,which can achieve at the pressure ration control,smooth running,long working life,and lower energy consumption ,around 25% less energy consumption than normal similar machines.

2.The working table is equipped with the photoelectric protector.

3.The cooler system is equipped with the plate-type heat exchanger with the warning system of high oil temperature.

4.The servo system is optional,which brand is DELTA;Oil pump is SUNNY;Hydraulic valve is VICKERS.Seal ring is SEALTECH;Electric components and PLC are using OMRON;Touching screen is MCGS.

5.The touching screen is available for the digital showing,adjusting the data such as pressure,speed,and monitoring the working status of pressure,oil tem-perature,etc.

6.Additional functions:air releasing function;twice pressing setup;connector of robot arms,etc.

Special components:

1.Independent cooling system with filters

2.Photoelectric protector



Multi Position Hydraulic Press(special machine for filter covers)



Application:

This machine is designed against the filter covers,which can save more labors and save much more space.It can operate several stags when pressing for one time.

Kind of machines Characteristics:

- * Stronger steel support device,high precision press-ing depth position setting,the tolerance is within 0.02mm
- * Closed-loop control system,fast and accurate posi-tion setting
- * Advanced hydraulic control system,flow ration con-trol,stable performance,low energy consumption,and low noise



TECHNICAL PARAMETER

Item		UNIT	YRK-3500S	YRK-4000S	YRK-5000S
Norminal capacity of main cylinder		KN	35000	40000	50000
Max.stroke of main cyliner		mm	300	350	350
Max.working pressure of main cylinder		MPa	70	70	70
Working pressure of hydraulic system		MPa	20	20	20
Stroke of ejection cylinder		KN	100	150	150
Norminal capacity of ejection cylinder		mm	100	100	100
Open height	Max.	mm	900	950	950
	Mini		600	600	600
Ram speed	Fast upward	mm/s	Normal motor:210 Servo motor:230	Normal motor:200 Servo motor:210	210
	Fast pressing	mm/s	Normal motor:12 Servo motor:13.5	Normal motor:210 Servo motor:15	15
	Fast downward	mm/s	Normal motor:210 Servo motor:230	Normal motor:200 Servo motor:210	210
Real working table size (L*W)		mm	950* 950	1000* 1000	1100* 1100
Motor power (optional)	Normal motor	KW	120	150	
	Servo motor		130	158	195
Assistant motor power		KW	11. 5	11. 5	11. 5

TECHNICAL PARAMETER

Item	Nominal Capacity	Working Pressure	Drawing Depth	Period	Maximum Blank	Blank Thickness	Worktable Size	Motor Power	Weight	Overall Dimensions
Unit	KN	Mpa	mm	time/min	mm	mm	mm*mm	KW	KG	mm*mm*mm
Three Position	300	20	0~260	7~12	270	0.3~1.0	1300*400	3*11	5000	3200*1520*2550
Four Position	300	20	0~260	7~12	270	0.3~1.0	1560*460	4*11	8000	3500*2400*2700
Five Position	300	20	0~260	7~12	270	0.3~1.0	1800~630	5*11	9000	2500*2900*2700
Five Position	400	20	0~260	7~12	270	0.3~1.2	2200*630	5*11	9000	2500*2900*2700
Five Position	650	20	0~300	7~12	300	0.5~1.6	2200*630	5*11	9000	2500*2900*2700
Item	Power Supply	Air Pressure	Maximum Sheet Size	Max.Loading Height	Discharge Height	Material Chageover Time	Max.Speed	Arm Payload	Position Precision	Power
Unit	V	KG/cm²	mm*mm	mm	mm	S	pcs/min	KG	mm	KW
Automatic Feeder	380	>5.5	350*350	300	1100	15	15	<3	0.2	15
Item	Power Supply	Maximum Speed		Manipulator Load		Manipulator Position Precision		Power		Air Pressure
Unit	V	pcs/min		KG		mm		KW		KG/cm²
Transfor Arm	Single-phrase 220V	11~13		<5		0.1		2.5		>5.5

J23 Series Open Back Inclinable Press

- Characteristics :
- Automobile manufacturing:body panels, structural parts, chassis components
 - Home appliances:shells and internal metal parts for refrigerators, washing machines, A/C units
 - Motor & electrical appliances:stator/rotor laminations, switch contacts,terminals
 - Instrumentation:precision casings, sensor housings,
 - Medical instruments,surgical tools, bed parts, diagnostic equipment enclosures
 - Hardware:door/window hardware, fasteners, tools, daily hardware.



TECHNICAL PARAMETER

Model		Unit	J23-6.3	J23-10	J23-16	J23-20	J23-25	J23-35	J23-40A	J23-40	J23-63	J23-80	J23-100	J23-125
Nominal Capacity		KN	63	100	160	200	250	350	400	400	630	800	1000	1250
Stroke of Nominal Pressure		mm	2	3.2	3.7	3.7	4.8	7		7	7	8	10	
Stroke of Slide		mm	35	45	55	55	65	100		100	100	120	130	
Stroke per minute		s.p.m	170	145	122	110	65	55		50	40		38	38
Max. Shut Height		mm	150	180	220	260	260	260	260	310	400	400	360	360
Shut Height Adjustment		mm	30	35	45	45	55	75		75	80		100	
Frame Gap		mm	110	130	160	160	200	210		250	310		380	
Bed Dimension	R-L	mm	310	370	450	450	560	610		700	860		1080	
	F-B		200	240	300	350	370	400		460	570		710	
	Depth		30	35	40	40	50	60		70	80		100	
	Mesoporous direct		φ60	φ80	φ100	φ100	φ120	φ150		φ150	φ180		φ250	
Slide Bottom Size	R-L	mm	140	170	200	200	250	242		300	400		430	
	F-B		120	150	180	180	220	220		260	360		370	
Shank Hole size	Diameter	mm	30	30	40	40	40	50		50	50		60	
	Depth		55	55	60	60	60	70		70	70		75	
Distance Between Columns		mm	150	180	220	230	270	300	340	340	420		610	
Gradient		c	25	25	20	20	15	15		20	20		20	
Overall Dimensions	R-L	mm	550	713	834	840	984	1140		1290	1490		1750	
	F-B		780	895	1150	1150	1330	1550		1500	1942		2700	
	Height		1504	1653	1910	1950	2132	2280		2650	2852		3300	

HPA Series High Precision Compact Power Press



- Charateristics:
- High rigidity:High rigidity,high precision welded steel frame with heat treatment to eliminate internal stress; structural parts feature balanced proportional loading and rigidity.
- Balanced center of gravity:Transmission and overall centers are nearly coincident, ensuring precision and reliability; two support sliding board balancer guarantees smooth,even operation.
- Safe & reliable operation:High sensitivity clutch/brake unit with international standard twin solenoid valve and overload protection ensures precise, safe stopping and running of sliding boards.
- Fast adjustment system:Sliding board adjustment precision reaches 0.1 mm, enabling safer and quicker production.
- High precision & stability:Friction areas (crankshaft, gears, gear shafts, etc.) are hardened by heat treatment and then ground for high wear resistance, balance, and stable performance.
- Automatic & labor saving:Can be equipped with any automatic transmission device for automated production, reducing cost and increasing efficiency.

TECHNICAL PARAMETER

Item	Unit	HPA-15P		HPA-25P		HPA-35P		HPA-45P		HPA-60P		HPA-80P		HPA-110P		HPA-160P		HPA-200P		HPA-260P	
Model		I	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	
Capacity	Ton	15	25		35		45		60		80		110		160		200		260		
Rated Tonnage Point	mm	1	3.2	1.6	3.2	1.6	3.2	1.6	4	2	4	2	6	3	6	3	6	3	7	3.5	
Speed Changing	S.p.m	120~180	60~140	130~200	40~120	110~180	40~100	100~150	35~90	80~120	35~80	80~120	30~60	60~90	20~50	40~70	20~50	50~70	20~40	40~50	
Stable Speed	S.p.m	130	110		85		75		65		65		50		35		35		30		
Stroke	mm	60	70	30	70	40	80	50	120	60	150	70	180	80	200	90	200	100	250	150	
Die Height	mm	200	195	215	220	235	250	265	310	340	340	380	360	410	460	510	460	510	500	550	
Slide Adjustment	mm	50	50		55		60		75		80		80		100		110		120		
Slide Area	mm	300*22050	300*220*50		360*250*50		400*300*60		500*360*70		560*420*70		650*470*80		700*550*90		850*630*90		950*700*100		
Bolster Area	mm	550*300*70	680*300*70		800*400*70		850*440*80		900*500*80		1000*550*90		1150*600*110		1250*800*1410		1400*820*160		1500*840*180		
Shank Hole	mm	φ38.1	φ38.1		φ38.1		φ38.1		φ50		φ50		φ50		φ65		φ65		φ65		
Main Motor	kw.p	VS2.2*6	VS3.7*4		VS3.7*4		VS5.5*4		VS5.5*4		VS7.5*4		VS11*4		VS15*4		VS18*4		VS22*4		
Air Precision	kg/cm²	6																			
Presses Precision		GB(JIS)1class级																			
Presses Dimension	mm		1280*850*2200		1380*900*2400		1600*950*2500		1600*1000*2800		1800*1180*2800		1900*1300*3200		2300*1400*3800		2615*1690*4075		2780*1850*4470		
Presses Weight	Ton	1.8	2.1		3		3.8		5.6		5.6		9.6		16		23		32		
Die Cushlon Capacity	Ton				2.3		2.3		3.6		3.6		6.3		10		14		14		
Stroke	mm				50		50		70		70		80		80		100		100		
Die Cushlon Effective Area	mm²				300*230		300*230		350*300		450*310		500*350		650*420		710*480		810*480		

HPC Series Double Crank Precision Press

Characteristics:

This press is designed for high-efficiency,high-precision stamping of metal sheet: punching, blanking, bending, forming, and drawing. Its main strengths are:

Large bed & automation ready:handles long/wide materials; easily integrates with feeders and robots for single or fully automatic lines.

High rigidity & accuracy:welded steel frame resists deflection.Double crank design counteracts eccentric loads,ideal for large or off-center dies. Precision slide guidance ensures vertical motion. Die height adjustment accuracy down to 0.1mm.

Productivity & energy saving:high speed, low noise, and energy-efficient operation.

Typical applications: automotive (body/chassis parts), 3C electronics, home appliances (motor housings), and general hardware.

Compared to single-crank presses, the double-crank version offers better load distribution, higher accuracy under eccentric loads, and longer die life – making it the go to choice for large, complex, high-volume stamping.



TECHNICAL PARAMETER

Item	Unit	HPC-110D		HPC-160D		HPC -200D		HPC-250D	
Model		I	II	I	II	I	II	I	II
Capacity	Ton	110		160		200		250	
Rated Tonnage Point	mm	5	3	6	3	6	3	7	3.5
Stroke	mm	180	110	200	130	250	150	280	170
Strokes Per Minute	s.p.m	50-100		30-55	40-85	25-45	35-70	20-35	30-60
Open Height	mm	400	435	450	485	500	550	550	605
Slide Adjustment	mm	100		100		120		120	
Bolster Area	mm*mm*mm	1800*650*130		2000*760*150		2400*840*170		2700*900*170	
Slide Area	mm*mm*mm	1400*500*70		1600*550*70		1850*650*95		2100*700*95	
Main Motor	kw.p	VS11*4		VS15*4		VS18.5*4		VS22*4	
Air Pressure	kg/cm²	5		5		5		5	
Presses Precision	JIS(CNS)1 class一级								
Die Cushion Capacity	One plate&two cylinders一板双缸								
Capacity	Ton	3.6*2		6.3*2		10*2		14*2	
Stroke	mm	70		70		80		100	
Die Cushion Work Part Dimension	mm²	860*235		1250*260		1500*350		1650*470	

PC Series Double Crank Precision Frame Press



Characterstics:

Track mold,mold lift angle of up to 90 degrees to facilitate personnel to operate,suitable for 2-layers mold;

Machine simple and fast,easy to work in with mold,quick adjustment,easy to repair and maintenance;

Adopt dual power individual circuit design,table,quiet,low failure rate,two axes can be operated simultaneously;

With adjustable slow seed of mold features to suit different types of modules;

With proofread slow speed of mold function,proofread mold more accurate,more secure.



TECHNICAL PARAMETER

Model	100Ton	150Ton	200Ton	250Ton	300Ton	350Ton	400Ton	500Ton
Clamping Force(T)	100	150	200	250	300	350	400	500
Stroke(mm)	250	250	250	250	280	300	300	300
Worktable size(mm)	400*400	450*460	560*560	650*650	700*700	750*700	850*850	1000*1000
Main Cylinder Dia.(mm)	Φ250	Φ300	Φ355	Φ400	Φ450	Φ475	Φ500	Φ560
Horse Power(HP)	5*2	5*2	10*2	10*2	10*2	15*2	15*2	15*2
Electrical Power(KW)	12	17	22	34	34	43	48	72
Weight	4500	5500	7000	9000	11000	15000	17500	21500
Type of Mold Opening	Up-down-in mold-double layer mold opening							
Overall Dimensions(m)	2.36*1.65*1.85	2.65*2*2	2.93*2.35*2.1	3.2*2.7*2.5	3.46*2.63*2.5	3.65*2.6*2.61	3.75*2.7*2.8	4.2*3.3*3.3

Deep Drawing Component



Water Bulging Component



Cold Extrusion Component



Spinning Components

