



Hydraulic Equipment

Hydraulic Press

1、4-column hydraulic press



Characteristics :

This machine is suitable for the plastic material suppressed craft, like flanges, curved flanges, thin steel plate stretch and so on. Also may be engaged in the adjustment, the pressure, the grinding wheel takes shape, the cold extrusion metal parts takes shape, the plastic product and the powder product suppression takes shape the craft, after is joined to the blanking buffer mechanism to be possible to use in the punch holes, the material processing.

This machine has the independent actuating unit and the electrical system, and uses the button common control, may realize the adjustment, manual and the semiautomatic three operating mode.

This machine working pressure, the suppressed speed, the travelling schedule scope may need to carry on the adjustment according to the craft. And can complete the constant pressure and decide the regulation two crafts ways, craft of way the constant pressure has after the suppression guarantees presses with the time delay automatic return trip movement

Options:

·Photoelectricity protective device



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- Hydraulic system
- The travelling schedule,the pressure,the time number reveal
- The hydraulic system heats up,the cooling system
- PLC programmable controler
- Blanking buffer mechanism
- The mold heats up and warm controls the installment
- Trades the mold and rolls the bracket with the fluctuation guide rail

Technical specifications:

Item	Unit	Y32-40	Y32-63	Y32-100	Y32-100A	Y32-160	Y32-200	Y32-200A	Y32-315	Y32-315A	Y32-400	
Nominal force	kN	400	630	1000	1000	1600	2000	2000	3150	3150	4000	
Return force	kN	180	135	315	165	200	450	240	630	300	500	
Ejector force	kN	100	100	190	190	240	400	400	630	630	630	
Max.pressure of liquid	MPa	25	25	25	25	25	25	25	25	25	25	
Max.slide stroke	mm	450	500	600	600	700	700	700	800	800	800	
Max.stroke of knock out	mm	150	150	200	200	200	250	250	250	250	300	
Slide to work table maximum range	mm	700	800	900	900	1050	1100	1100	1250	1250	1300	
Slide speed	Quick under	mm/s	40	100	22	160	160	100	200	100	200	120
	Slow under	mm/s	8-20	8-20	6-14	6-14	6-10	6-12	6-12	6-12	6-12	4-10
	Return trip	mm/s	52	100	47	85	70	60	100	60	120	70
Slide bolck speed	Goes against	mm	95	50	70	70	65	65	65	55	55	55
	Returns	mm	120	100	140	140	100	95	95	110	110	110
Table area	L-R	mm	460	580	720	720	1000	1000	1000	1250	1250	1200
	F-B	mm	460	480	580	580	700	900	900	1120	1120	1200
Overall dimensions	L-R	mm	1385	2000	2160	2160	2700	2825	2825	3200	3200	3200
	F-B	mm	920	1500	1504	1504	1700	2060	2050	2100	2100	2100
Total power	kW	5.5	7.5	7.5	7.5	11	15	15	22	22	22	

Item	Unit	Y32-500	Y32-500A	Y32-630	Y32-630A	Y32-800	Y32-800A	Y32-1000	Y32-1000A	Y32-1250	Y32-1600	Y32-2000
Nominal force	kN	5000	5000	6300	6300	8000	8000	10000	10000	12500	16000	20000
Return force	kN	1000	1000	1250	1250	1200	1200	1300	1300	1100	2000	2600
Ejector force	kN	1000	1000	1000	1000	1000	1600	1000	1000	2000	2000	2000
Max.pressure of liquid	MPa	25	25	25	25	25	25	25	25	25	25	25
Max.slide stroke	mm	900	900	900	900	900	1000	900	1000	900	900	1000
Max.stroke of knock out	mm	350	350	350	350	350	350	350	400	300	450	300
Slide to work table maximum range	mm	1500	1500	1500	1500	1500	1600	1500	1600	1400	1600	2500



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Slide speed	Quick under	mm/s	120	160	120	120	120	120	120	120	120	120	120
	Slow under	mm/s	5-12	5-12	5-8	5-8	6-15	6-15	5-12	5-12	4-10	6-10	4-8
	Return trip	mm/s	80	80	60	60	110	110	100	100	120	150	120
Slide bolck speed	Goes against	mm	80	80	80	80	140	140	140	140	70	100	100
	Returns	mm	160	160	150	150	150	150	150	150	150	200	200
Table area	L-R	mm	1400	2200	1320	1600	1500	2000	1500	2000	1500	2500	2000
	F-B	mm	1400	1400	1200	1600	1500	1500	1500	1800	1500	1800	2000
Overall dimensions	L-R	mm	4060	5000	4000	4200	5100	4300	4900	4750	5250	5800	8000
	F-B	mm	3525	3525	2350	4200	4200	1600	3400	2650	3800	4000	3000
Total power		kW	37	37	45	45	74	74	74	74	74	90	100

2、Single action hydraulic stamping press





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Characteristics:

The computer optimizes the structural design, the tetrastyle is simple economy, practical; The frame posture structure uses gives the tight tension bar fuselage, the slide uses eight guide rails guidances rigidity well, the precision is high, anti-carries ability. The hydraulic control system uses inserts installs the valve integrative system and the fat liquor cooling system, the movement reliable, service life long, the hydraulic pressure impulse was small, reduces has connected the pipeline with to release the leaking point. The electrical system uses the PLC control the electrical system, the structure compact, the work keen is reliable; Black-white control system work reliable, movement direct-viewing, the service is convenient. Has the adjustment, the semiautomatic three technique. Through operation kneading board choice, not only may realize decides the regulation the constant pressure two kinds takes shape the craft, moreover the fluid pressure pad may realize jacks, is less effective, stretches three kind of crafts circulation.

Applications:

This isseries press is suitable for the stretch, is curving, takes shape, the blanking falls the material, the flange and so on each ramming craft, also may make the large-scale stretch mold the hydrostatic testing, grinds matches.

Options:

- Moves the work table
- Flushes carries the buffer mechanism
- Photoelectricity safekeeping of security installment
- Displacement pressure transmission induction proportional control installment
- Touches the type display monitor
- Hits the material installment (hydraulic pressure type or mechanical type)
- The mold fast clamps trades the mold organization
- Most protective device
- Guide rail lubricating arrangement and so on

Technical specifications:

Item	Unit	Y27	Y27	Y27	Y27	Y27	Y27	Y27	Y27	Y27	Y27	Y27	Y27	Y27	Y27	Y27	Y27	
		-100	-200	-250A	-315	-315A	-315H	-400	-400A	-500	-500A	-500B	-500C	-630	-800A	-1000A	-1250	
Nominal force	kN	1000	2000	2500	3150	3150	3150	4000	4000	5000	5000	5000	5000	6300	8000	10000	12500	
Return force	kN	165	450	280	630	300	630	500	480	1000	1000	1000	1000	1250	1000	1000	1000	
Cushion force	kN	400	400	630	630	1250	630	700	1500	1600	2000	2000	2000	2500	3000	2500	3000	
Max.pressure of liquid	MPa	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	
Slide stroke	mm	600	700	800	800	800	900	800	900	700	900	1000	1200	1000	1200	1100	1000	
Cushion stroke	mm	250	250	300	250	350	500	300	400	250	300	400	400	450	500	300	450	
Daylifht opening height	mm	1000	1120	1150	1250	1250	1400	1250	1400	1400	1500	1500	1800	1200	1800	1700	1700	
Slide speed	Descent	mm/s	220	100	160	100	200	100	120	200	120	200	140	200	160	160	400	200
	Pressing	mm/s	8-15	8-12	10-15	6-10	12-24	6-10	10-18	10-18	6-10	12-25	6-10	12-25	6-15	10-25	6-15	10-25
	Return	mm/s	120	60	130	60	240	60	140	140	80	120	80	120	100	145	300	180
Dimensions of worktable	L-R	mm	720	1000	1250	1250	2500	1600	1200	2500	1400	3000	2200	2800	2400	3000	4000	4500
	F-B	mm	580	900	1120	1120	1600	1300	1200	1500	1400	2000	1400	1700	1600	2000	2000	2500



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Cushion area	L-R	mm	450	600	800	800	1700	1450	800	1950	1000	2300	1230	2250	1750	2450	3100	3550
	F-B	mm	400	600	600	800	1070	1050	600	1050	970	1300	970	1450	1100	1650	1300	2000
Total power		kW	7.5	15	22	22	37	22	37	37	37	55	37	55	60	80	90	135
Dimensions of machine	L-R	mm	2160	3500	3600	3600	4490	4200	3990	5560	4400	5750	4900	5420	6400	7500	8000	8500
	F-B	mm	1504	1500	1500	1500	2600	2400	2200	2950	2910	3200	2910	2980	2800	3200	3000	3500
	Height above ground	mm	2950	4200	4400	4500	4860	5500	5340	5810	5550	6600	6330	7000	7200	8500	9000	95

3、Double action hydraulic drawing press



Characteristics:

The fuselage may use four columns or the portal frame construction. The tetrastyle structure simple ,econnmical ,is practical;The frame posture tension bar pre-tight strutture,the precision high,the rigidity is good;Four jiao eight guidde rails,the guidance precision is high ,anti-plants ability ;The stretch,nearby the pressure the slide may through the positioning pin association be a body ,the realization single acting craft movement ;The hydraulic control uses installs valve integrative system and the fat liquor secondary filter installment ,the water cooling installment ;Attacks slight ,movement reliable ,releases dewpoint to be few .The import material cylinder seal part ,the relia-bility high ,the servicelife is long ;Machine ,the battery solution integration safety device ,like under the cylinder the cavity supporting return route ,about the cylinder the cavity locks security mutually and so on return route is superior .PLC control,work keen reliable,may reliable,may realize the constant pressure,decide the regulation two kinds to take shape the craft ,and has the high spatial



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regulation and the working speed ,the production efficiency is high.

Applications:

This machine mainly uses in profession the and so on automobile,aviation,astronautics, ships,presure vessel large-scale thin steel plate duplicate stretch ,curving takes shape, also may make the large-scale stretch mold the hydrostatic testing,grinds matches.

Options:

- The single acting counter-stretch uses the fluid pressure pad
- Moves the work table
- Blanking buffer mechanism
- Photoelectricity protective device
- Trades the mold and rolls the carriage with the fluctuation guide rail
- The mold fast clamps the organization
- Touches the type industry display monitor
- Displacement transmitter
- Hits the material installment (hydraulic pressure type or mechanical type)
- Lubricating arrangement.

Technical specifications:

Item	Unit	Y28-63/100	Y28-100/160	Y28-100/160A	Y28-200/300	Y28-315/400	Y28-400/630	Y28-500/800	Y28-630/1030
Nominal force	kN	1000	1600	1600	3000	4000	6300	8000	10300
Drwing force	kN	630	1000	1000	2000	3150	4000	5000	6300
Ejector force	kN	190	350	190	400	630	1000	100	1250
Blank-holding force	kN	300	600	600	800	800	2300	3000	4000
Max.pressure of liquid	MPa	25	25	25	25	25	25	25	25
Max.slide stroke	mm	500	630	630	800	800	1000	1000	1300
Max.daylight of blank holding slide	mm	300	350	350	400	300	900	1000	1200
Max.stroke of knock out	mm	200	250	250	350	350	300	350	400
Stroke of drawing slide	mm	1100	1350	1350	1550	1400	1700	1800	2200
Daylight of blank holding slide	mm	700	620	620	850	800	900	900	1200
Slide speed	Quick under	mm/s	100	100	180	100	100	200	200
	Slow under	mm/s	20	12	20	25	20	30	30
	Stretch	mm/s	10-20	7-12	12-20	15-25	10-20	10-30	10-25
	Return	mm/s	100	60	150	140	100	140	110
Cushion area(may elect)	L-R	mm					1600	1600	2300
	F-B	mm					1180	1180	1500
Dimensions of worktable	L-R	mm	560	780	780	1000	1250	2500	3200
	F-B	mm	500	780	780	900	1120	1800	2200
Total power	kW	7.5	11	15	37	37	62.5	62.5	86



4、C-frame hydraulic press



Characteristics:

My factory production single column hydraulic press has YTD30 and the YTD41 two kinds, the fuselage welds C Shan Bishi for Jin'gang the structure, after the limited guaranteed the high rigidity, the redundant reliability, after the welding through the tempering aging treatment of metal, guarantees the fuselage not to distort. The hydraulic system is located in the fuselage, the contour is artistic, ease of operation. The oil pump oil in is loaded with the independent filtering equipment, guarantees the oil pump and the valve service life, uses according to turns the common control, may realize decides the regulation and the constant pressure two kinds takes shape the craft, the slide four guide pillars guidances, increases the product precision, regarding the customer special request, we may design the production specially, maximum limit satisfied customer production technological requirement.

Applications:

The metal product stretches, takes shape and the pressure installs and so on the craft, also may process the nonmetallic material, the powder metallurgy product suppression, the axis class components adjustment, the set of kind of components pressure installs as well as craft and so on metal product reshaping, cutting edge.

Options:

- Auxiliary work table
- Precise school straight system
- Photoelectricity protective device
- Touches the type industry display monitor
- The proportion velocity modulation system hydraulic system hydraulic system heats up
- Cooling system
- Hits the material installment
- PLC programmable foreword control
- The bracket hangs.

Technical specifications:

Item	Unit	Y30-16	Y30-25	Y30-40	Y30-63	Y30-100	Y30-160
Nominal force	kN	160	250	400	630	1000	1600
Ejector force	kN	50	100	100	190	190	250
Daylight opening height	MPa	13	12.5	20	20	25	23
Slide stroke	mm	400	500	400	500	500	500
Stroke of knock out	mm	100	140	150	200	200	200



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Slide to work table maximum range		mm	630	630	600	630	1000	900
The work floor is away from the ground level		mm	705	705	650	700	700	700
Throat depth		mm	250	320	320	320	400	360
Slide speed	Quick under	mm/s	50	50	50	60	80	60
	Work	mm/s	11	11	11	11	8-14	8
	Return trip	mm/s	110	120	110	120	70	120
Table area	L-R	mm	500	510	600	710	700	800
	F-B	mm	450	580	500	600	600	630
Total power		kW	2.2	3	5.5	7.5	11	15

Item	Unit	Y41-16	Y41-16A	Y41-25	Y41-40B	Y41-63	Y41-100	Y41-160	Y41-200	Y41-315	Y41-500	
Nominal force	kN	160	160	250	400	630	1000	1600	2000	3150	5000	
Max.pressure of liquid	MPa	13	13	12.5	20	20	25	23	25	25	25	
Max.slide stroke	mm	400	350	500	400	500	500	500	400	600	300	
Slide to work table maximum range	mm	630	500	630	600	800	1000	900	600	800	400	
The work floor is away from the ground level	mm	705	700	705	650	750	700	700	750	800	850	
Throat depth	mm	250	250	320	320	320	400	360	380	380	800	
Dimension of part dropping hole	mm	100	100	100	100	100	100	100	150	150	250	
Slide speed	Quick under	mm/s	50	60	60	50	60	80	60	18	28	80
	Work	mm/s	11	11	11	11	11	8-14	8	8-18	8-28	3-7
	Return trip	mm/s	110	120	120	110	120	70	120	60	150	60
Table area	L-R	mm	500	500	510	600	710	700	800	900	1000	1200
	F-B	mm	450	450	580	500	600	600	630	720	720	1200
Total power		kW	2.2	2.2	3	5.5	7.5	11	15	15	30	37



5、Magnetic wares forming hydraulic press



Characteristics:

This series hydraulic press is in dingests domestic and foreign advanced tschnical in the foundation ,unifies our country magnetic material profession the characteriatic ind-epently to design ,the manufacture the mechanical and electrical mater integration new product,it may widely use in each kind of ferrites material plant being suitable for ring-like.the tile shape and of different shape high performance wet type permanent magnet oxygen production.

This series hydraulic press master cylinder travelling schedule speed uses the multi-stage velocity modulation,the user may act according to own product characteristic to carry on the adjustment,and guarantees the formed uniformed uniformity ,the use "the fluctuation suppresses,lags behind the protection drawing of patterns"the craft ,further enhanced the product qualified rate.

This series hydraulic pressrigidity high ,work floor spacious,magnettism return route is ideal.Uses ,the low pressure combination high pumps for the oil way,reduced the power loss ,the part beat integration,first the flange type structure ,the hose connection ,and uses the fat liquor cooling system ,thus causes the machine performance further stably, attacks slightly,releases the dew point to be few.Uses imports PLC ,the time realy control, enhanced the machine movement reliability ,and has free time the mold to report to the police and so on furction.

Options:

·Automatic note material organization (vacunm absorbing water ,planet screw type stirring device ,center ,high pressure plunger pump organization)



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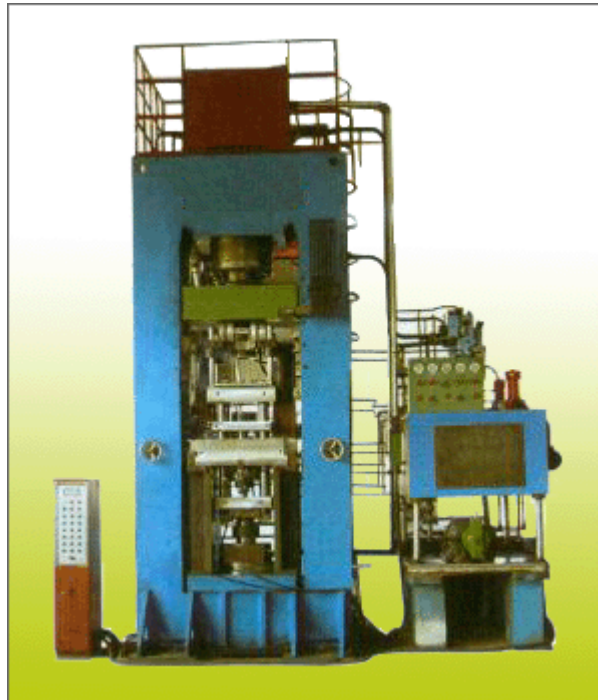
- Forced-air cooling type winding
- Above 100'000 ampere tuns water cooling winding
- The popular type sufficiently degausses the system
- The intelligence degausses the system
- Touches the type industry display monitor
- Displacement pressure transmitter
- Concave mold proportion fluctuation system.

Technical specifications:

Item	Unit	Y05-100	Y05-200	Y05C-100A	Y05C-100C	Y05C-125	Y05C-125C	Y05C-160	Y05C-200	Y05C-250	
Nominal force	kN	1000	2000	1000	1000	1250	1250	1600	2000	2500	
Return force	kN	100	480	100	100	125	200	315	240	250	
Ejector force	kN	190	1000	190	400	500	1000	630	1000	1250	
Returns the strength	kN	100	450	100	280	350	500	350	450	800	
Max.pressure of liquid	MPa	25	25	25	25	25	20	25	25	21	
Max.slide stroke	mm	500	710	500	500	500	400	600	700	500	
Max.stroke of knoce out	mm	150	250	150	200	200	150	200	120	300	
Slide to work table maximum range	mm	900	1120	800	1100	100	1240	1050	1250	1700	
The work floor is away from the groun level	mm	860	750	860	860	860	750	750	750	900	
Slide speed	Under idling line	mm/s	100	100	120	120	100	120	120	60	120
	Under idling speed line	mm/s		1-8	1-5	5-10	1-5	1.5-10	1-8	1-8	1.5-10
	Fast suppression	mm/s				1-5		0.5-5		0.5-5	0.5-4
	Slow suppression	mm/s	1-6	0.05-1	0.1-1	0.05-1	0.1-1	0.03-3	0.05-1	0.05-1	0.05-1
	Return trip	mm/s	60	50	60	140	140	100	100	60	70
Slide bolce speed	Goes against the speed	mm/s	30	25	30	40	40	20-30	30	25	20
	Returns the speed	mm/s	60	50	60	48	48	30-40	50	50	30
Table area	L-R	mm	720	1000	720	720	1000	1000	1000	1200	
	F-B	mm	580	900	580	580	700	800	700	900	
Machine area	L-R	mm			3320	3340	3340	3990	3990	3850	
	F-B	mm			1000	1720	1720	1760	1660	1500	
Total power	kW	5.5	16.5	5.5	7.5	7.5	7.5	16.5	16.5	7.5	
					PCL control, import micro velocity modulation valve	PCL control, import micro velocity modulation valve	PCL control, import micro velocity modulation valve	PCL control, import micro velocity modulation valve	PCL control, import micro velocity modulation valve	PCL control, import micro velocity modulation valve	



6、Powoer proouct hydraulic press



Characteristics:

This series hydraulic press has "automatically (manual)adds the powder tertiary , pre-ssurizes ,lags behind the drowing of patterns" and so on the craft movement ,had guarant-eed the powder product takes shape the smooth exhaust and the product density even.

The hydraulic system uses inserts the valve integrative system,the fat liquor secondary filter system and the water cooling installment ,first flange type structure ,hose connec-tion,thus guarantee machine movement stable .attacks alightly ,releases the dew point to be few ;Uses,the low pressure combination high pumps for the oil way ,reduced the consumption.

The electrical system uses imports PLC,the time relay control,may realize "desides the regulation control ,the pressure protection "and "the pressure control ,the position protection" two suppressed ways ,has the adjustment ,semiautoment,the completely automatic three operating modes and "goes against the drawing of parterns,lags behind the protection drawing of patterns ,the micro protects the drawing of patterns" three drawing of patterns ways ,by adapts each kind of performace material and shape each different product need. This series hydraulic press has tetrastyle ,the overall frame two kind of structural styles.

Applications:

This series hydraulic press adapts the multi-stairs .the different shape structural element power metallurgy product production ,also is profession production podwer product the and so on rare earth permanent magnetism ,electronic ceranics ,magnetic magnetial hard alloy ,compound materials iderl takes shape the equipment .

Options:

- The automatic Canadian powder, chooses the material equipment
- On,under ,center auxiliay cylinder
- Left, right flank auxiliary cylinder
- Touches the type industry display monitor



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- Displacement ,pressure transmitter
- Coucave mold proportion fluctuation installment
- The micro retune trip protects the drawing of parterns system
- The machinery localization receives the handle adjustment transmission device
- Each kind of structure mold frame.

Technical specifications:

Item	Unit	Y79-40	Y79-100	Y79-200	Y79-315	Y79-500	Y79-630	Y79-800	Y79-1000
Nominal force	kN	400	1000	2000	3150	5000	6300	8000	10000
Return force	kN	180	165	360	630	1000	850	1200	1300
Max.Slide stroke	mm	350	500	500	600	600	600	700	700
Ejector force	kN	280	400	1000	1000	1500	1500	2000	2000
Returns the strength	kN	180	315	600	1000	1400	1500	2000	2000
Max.Stroke of knoce out	mm	200	250	250	300	350	350	350	350
Max.pressure of liquid	MPa	25	25	25	25	25	25	25	25
Daylight	mm	900	900	1120	1250	1800	2000	2200	2200
Slide speed	Quick under	mm/s	75	150	120	100	120	120	120
	Work	mm/s	20	10-20	6-12	5-12	6-15	6-12	6-15
	Return trip	mm/s	100	120	100	80	60	80	110
Slide bolck speed	Goes against	mm/s	48	60	40	35	40	40	50
	Returns	mm/s	75	75	65	35	45	55	50
Table area	F-B	mm/s	460	580	900	1120	1400	1200	1500
	L-R	mm	460	720	1000	1250	1400	1320	1500
Machine external dimensions	F-B	mm	1300	1500	1400	1400	2000	2000	2500
	L-R	mm	2040	2660	3100	3200	5750	5820	6000
	High(above ground)	mm	2760	3225	2882	4323	5450	5560	6000
Total power	kW	7.5	7.5	15	22	37	45	74	74
Machine weight	kg	3500	5000	11500	17000	32000	38000	50000	55000



7、Caking rare earth perm-anent magnetism special purpose hydraulic press



Characteristics:

A: The machine uses "tertiary pressurizes" to take shape, guaranteeing the powder product takes shape smoothly and the product density is even.

B: The machine has asynchronous bidirectional suppression (fluctuation to suppress) and synchronization bidirectional two kinds of suppressed forms, may adapt the radial direction not asymmetrical components and the radial symmetry components suppression separately takes shape, by the reasonable arrangement neutral surface, reduces agglutinates the distortion, enhances the qualified rate.

C: The machine has "goes against the drawing of patterns", "lags behind the protection drawing of patterns", "the micro return trip, the protection drawing of patterns" three drawing of patterns ways, by adapts each kind of performance material, returns to the tension strong material product smoothly leaving cavity particular.

D: Adds the powder to product highly, the drawing of patterns position and the suppression adopts the electricity, the fluid, the machine highly decides the phase union, may realize "decides the regulation control, the protection" and "the pressure control, the position protection" two suppressed ways, guarantees the product volume production the uniformity, the repetition pointing may achieve $\leq \pm 0.03\text{mm}$

E: The machine has the core pole driving mechanism in, by guards against the product when the drawing of patterns produces the crack. When drawing of patterns, the core pole is motionless, the mold cavity lags behind, waits the product to leave the mold cavity completely, under final core pole.

F: The hydraulic system uses the integrated block oil duct, the fat liquor secondary filter system and the water cooling indtallment, first the flange type structure, the hose connection, had guaranteed the movement stable, the reliable, attacks slightly, reveals few. Uses, the low pressure combination high pumps for the oil way, reduced the power loss.

G: The electrical system uses imports PLC, the time realy control, has the adjustment, semiautomaticall, the completely, the completely automatic operating mode.

Applications:

This series automatically takes shape the hydraulic press is suitable for the caking rare earth permanent magnetism product (column, tile shape, ringlike iso-shape components) the suppression to take shape, also is profession production powder product the and so on powder metallurgy, electronic ceramics, magnetic, hard



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alloy, compound materials ideal takes shape the equipment.

Options:

- Concave mold proportion fluctuation installment
- The micro return trip protects the drawing of patterns installment
- Next central auxiliary cylinder
- Automatic feed installment
- Mold frame
- Touches the type industry display monitor
- Displacement pressure transmitter.

Technical specifications:

Item	Unit	Y72-25	Y72-40	Y72-63	Y72-100	Y72-200	
Nominal force	kN	250	400	630	1000	2000	
Return force	kN	160	280	400	570	450	
Max. Slide stroke	mm	350	350	350	450	500	
Returns the strength	kN	250	280	400	660	1000	
Drawing of patterns strength	kN	160	280	400	570	850	
Max. stroke of knock out	mm	150	150	160	200	250	
Daylight	mm	900	1100	1200	1300	1600	
Table area(L-RxF-B)	mm ²	480x460	480x460	600x600	700x580	900x900	
Next central cylinder	Stretches out the strength	kN	30	30	60	60	80
	Returns the strength	kN	10	10	35	35	50
Slide speed	Fast under line	mm/s	120	120	220	220	100
	Under idling speed line	mm/s	40	25	24	24	12
	Fluctuation suppression	mm/s	30	20	20	20	10
	Return trip	mm/s	75	100	140	90	70
Slide block speed	Goes against	mm/s	75	48	35	40	45
	Fluctuation(suppression)	mm/s	15	10	10	10	5
	Returns	mm/s	40	48	35	40	45
Total power	kW	7.5	11	11	11	22	
Work frequency	mm/s	3-12	3-12	3-12	3-10	3-8	
Feeder	Feeding area(L-RxF-B)	mm ²	80x80	110x70	110x110	140x150	180x200
	Feeding travelling schedule	mm	150	200	200	250	300
Feeds the altitude	mm	90	100	100	150	180	
In mold cavity hole diameter	mm	80	100	140	140	250	
Machine weight	kg	2500	3500	8500	10000	13000	



8、Serial rare earth perm-anent magnet compacting hydraulic press



Characteristics:

This series press uses the PLC control technology, realized to suppress in the process each stage to have the forward control, used the hydraulic transmission and the machinery decides union the type of drive, had guaranteed the product repetition polishing accuracy and the density, the high uniformity, and might provide the entire seal installation according to the user request.

YTD72P rare earth permanent magnetism bidirectional takes shape the hydraulic press: In the suppressed process, selects on, under the discharge head synchronization bidirectional equal pressure craft method, causes the receive the bidirectional even suppression, the product density even, the uniformity is high.

YTD72P rare earth permanent magnetism multi-cylinders take shape the hydraulic press: This series press uses the frame built-up section. Uses the PLC control, its mold structure simple, the replacement is convenient. May obtain vertical or the parallel magnetic field orientation.

Orientation electro-magnet:

The electro-magnet has the magnet field intensity is high, magnetizes and so on the merit quickly. Between the winding the cloth has the copper pipe water cooling, guarantees can continuously the steady work.

Electrically controlled partially uses the PLC control and the advanced silicon-controlled rectifier unit, output voltage 0-500V may move continuously, has flowed the protection, magnetizes owes the electric current to report to the police, function and so on winding after flow quick inversion.

Orientation electro-magnet main technology parameter

Project	Unit	Specification				
		CT-220	CT-250	CT-300	CT-360	CT-400
Terminal post diameter	mm	φ220	φ250	φ300	φ360	φ400
Restrains the diameter extremely	mm	φ150	φ150	φ250	φ280	φ320



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Pole face adjustment spacing	mm	4-100	4-180	40-200	40-200	40-200
Magnetic field strength	T	Air gap 50H≥2.0	Air gap 50H≥2.1	Air gap 50H≥2		
Maximum interelectrode distance	mm	100	180	200		
Coolant conditions			Water cooling			

Technical specifications:

Item	Unit	Y72P(F)-25	Y72P-40	Y72P(F)-63	Y72P(F)-100	Y72P-200	
Nominal force	kN	250	400	630	1000	2000	
Return force	kN	120/130	180	165	270/315	480	
Ejector force	kN	250	280	530/630	315/630	600	
Returns the strength	kN	180/125	180	330/400	500/400	1000	
Max.pressure of liquid	MPa	21	25	252	25	25	
Max.Slide stroke	mm	350	350	400	500	600	
Max.Stroke of knock out	mm	350/200	200	300/400	370/300	500	
Slide speed	Fast under line	mm/s	90/100	50	150/90	100/80	90
	Under idling speed line	mm/s	46/35	20May move	20May move/30	10/25	18
	Bidirectional suppression	mm/s	46/5-15	10-18	10/18	6-10	10-18
	Return trip	mm/s	95/80	90	80/115	80/90	80
Next piston running rate	Goes against	mm/s	36/35	28	23	24	28
	Bidirectional suppression	mm/s	23/5-15	5-9	5-9	3-5	5-9
	Returns	mm/s	50/80	47	37/45	40/50	40
Table area	L-R	mm	540/720	500	630/800	800/720	1200
	F-B	mm	720/540	540	720/800	800/580	1200
Slide to work floor maximum range	mm	1800	870	1100/1300	1740/1100	2475	
Machine external dimensions	L-R	mm	3000	1700	3265/2700	3200/2600	3800
	F-B	mm	1200	2000	1460/1200	2400/1800	2600
	Height above floor	mm	4080/3640	2905	3950/4620	4500/4100	5200
Total power	kW	11	11	11/15	11/7.5	15	



9、Nonmetallic packs the hydraulic press



Characteristics:

This machine widely uses in the cotton and kapok ,the guuze ,the cloth ,the hemp ,the wool several leather product and so on the disperingi compression packs ,the package block external dimensions which wraps unified ,compared to signfi-cant ,the density is high ,suits the need which the container ships .The specification warehouse may separte design according to the user.

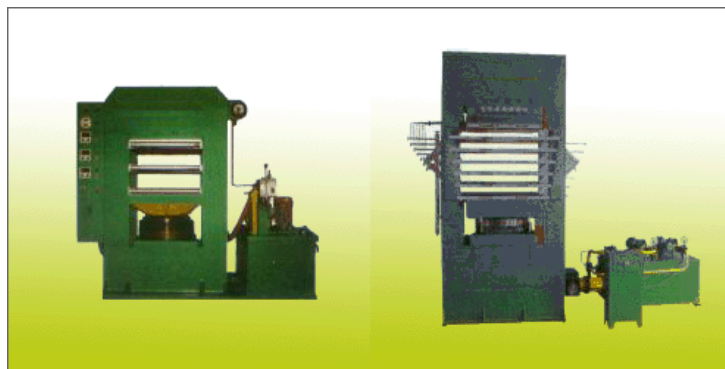
This series uses on sets at the type cylinder ,does not need the underground foundation ,the cylinder seal is reliable ,does not seep.

Technical specifications:

Project		Unit	Y82-63A	Y82-315
Nominal force		kN	630	3150
Max.pressure of liquid		MPa	16.5	25
Return trip strength		kN	200	600
Slide maximum travelling range		mm	1100	900
The slide is apart from the work floor maxrange		mm	1600	1150
Slide running rate	Under idling line	mm/s	22	100
	Under iding speed line	mm/s	10	16
	Return trip	mm/s	48	40
Work table active surface	F-B	mm	707	1160
	L-R	mm	1500	1260
Column center distance size	F-B	mm	800	900
	L-R	mm	1250	1400
The work table is apart from the ground to be high		mm	400	650
Main engine overall size	L-R	mm	1500	1660
	F-B	mm	980	1160
	Above ground	mm	3950	3948
Total power		kW	11	33



10、Plate vulcanizing machine



Characteristics:

This series plate vulcanizing machine special-purpose takes shape the equipment for the rubber profession.Heats up the way to uses the electric heating(steam or oil heats up),the power uses the height combination to pump for the oil way, reduces the equipment the power loss.

The electrical control uses the advanced PLC control technology,may realize automati-cally controls when, automatically operates the mold,is automatic warm controls and so on the craft.And may realize automatically deflates. Thus guarantee product quality and high efficiency.

May have custom-made each kind of four columns,the frame type, the work table emigra-tion type,the work table emigration type in addition according to the customer product technological requirement and so on the many kinds of plates vulcanizing machine.

Applications:

Be the same with veneer、 fiberboard flakboard、 and plastic adhibit faceplate multilayer hot pressing.

Technical specifications:

Item		Unit	D350× 350×2	D400× 400×2	D500× 500×3	D700× 580×4	D750× 640×4	D1000× 600×4	D1670× 2700×2	D1500× 6000×2
Nominal force		mm	250	500	630	1000	1600	2000	12000	24000
Master cylinder maximum travelling range		mm	180	250	500	500	500	500	800	850
Layer		mm	2	2	3	4	4	4	2	2
Level spacing		mm	150	200	125	125	125	125	600	600
Max. pressure of liquid		MPa	16	25	25	25	25	25	25	25
Slide speed	Ascending velocity	mm/s	≥20	≥20	≥20	≥14	≥12	≥10	≥10	≥8
	Return speed	mm/s	≥20	≥18	≥18	≥40	≥20	≥20	≥25	≥25
Hot plate size	L-R	mm	350	400	500	700	750	1000	1670	1500
	F-B	mm	350	400	500	580	640	900	2700	6000
Thermal rating		kW	5.4	7.2	9	27	40.5	40.5	45	45
Entire machine power		kW	6.9	8.7	10.5	29.2	44.5	48	55	110
Organization form			Four columns	Four columns	Four columns	Four columns	Four columns	Board frame	Board frame	Board frame



1、WC67Y-HYDRAULIC PRESS BRAKE(BENDING MACHINE)



WC67Y系列液压板料折弯机

Product Description

The performance of our this type of hydraulic press brake(metal sheet bending machine):

Model: serialWC67Y-

1. The frame is steel-welded construction, vibrating to eliminate stress, with high strength and good rigidity.
2. Forcing-torsion shaft maintains the synchronization of both cylinders with high precision.
3. Mechanic stop nuts ensure stable and reliable positioning accuracy.
4. The ram is driven by hydraulic system with two cylinders. Working pressure could be adjusted stepless and the noise of machine is lower.
5. The stroke of ram and back gauge could by adjusted through motor; Also it could be adjusted by hand wheel for fine position. The value adjusted could be displayed on numerator.
6. Main sliding parts such as cylinders, piston rod, guide way, are all treated with wear-resistance.
7. There are slanting wedges (compensation units) installed on the top of tools. They could be adjusted by hand to meet the accuracy requirements of work piece.
8. Deflection compensation unit is adopted under worktable for the machine above 250Tons.
9. Full machine is guarded with safety guard with interlocker to prevent the operator from injured.

OPTIONAL:

- 1 two-hand control foot pedestal device
- 2.it is possible for special tooling with different lengths to bend the closed frame workpiece
- 3.any tailor-made are available on request.



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Product parameters:

model	Nominal pressure (KN)	Length of table (mm)	Distance between housings (mm)	Throat depth (mm)	Stroke of ram (mm)	Stroke of ram (mm)	Max. open height (mm)	Main motor (kw)	Weight (kg)	Overall dimensions
WC67Y-30/1300	300	1300	1020	200	100	≥11	210	3	1750	1530x1078x1965
WC67Y-40/2000	400	2000	1650	200	100	≥11	300	4	2800	2300x1070x2135
WC67Y-40/2500	400	2500	2050	200	100	≥11	300	4	3500	2800x1070x2135
WC67Y-63/2000	630	2000	1650	250	100	≥10	320	5.5	3900	2300x1350x2355
WC67Y-63/2500	630	2500	2050	250	100	≥10	335	5.5	5000	2750x1350x2305
WC67Y-63/3200	630	3200	2670	250	100	≥10	335	5.5	5500	3450x1350x2405
WC67Y-63/4000	630	4000	3200	250	100	≥10	335	5.5	6500	4300x1350x2405
WC67Y-80/2500	800	2500	2050	250	100	≥10	350	7.5	6000	2780x1400x2405
WC67Y-80/3200	800	3200	2660	250	100	≥10	350	7.5	6200	3450x1400x2450
WC67Y-100/2500	1000	2500	2050	320	100	≥8	365	7.5	6400	2800x1350x2485
WC67Y-100/3200	1000	3200	2650	320	100	≥8	365	7.5	7300	3450x1350x2485
WC67Y-100/4000	1000	4000	3100	320	100	≥8	365	7.5	11600	4300x1350x2485
WC67Y-125/2500	1250	2500	2050	320	100	≥8	415	7.5	7100	2850x1350x2485
WC67Y-125/3200	1250	3200	2650	320	150	≥8	415	7.5	8500	3450x1550x2485
WC67Y-125/4000	1250	4000	3200	320	150	≥8	415	7.5	9300	4300x1350x2485
WC67Y-160/3200	1600	3200	2640	320	200	≥6	480	11	10800	3450x1600x2500
WC67Y-160/4000	1600	4000	3100	320	200	≥6	480	11	11800	3900x1600x2500
WC67Y-160/6000	1600	5000	4800	320	200	≥6	480	11	16700	5300x1900x3000
WC67Y-200/3200	2000	3200	2650	320	200	≥3	510	11	16000	3450x1950x2685
WC67Y-200/4000	2000	4000	3200	320	200	≥3	510	11	18500	4300x1950x2685
WC67Y-200/5000	2000	5000	4000	320	200	≥3	510	11	21000	5300x1930x3000
WC67Y-250/3200	2500	3200	2620	400	250	≥3	560	15	17000	3450x2030x3000
WC67Y-250/4000	2500	4000	3100	400	250	≥3	560	15	21000	4300x2030x3000
WC67Y-250/5000	2500	5000	4000	400	250	≥3	560	15	26000	5300x2100x3300
WC67Y-300/4000	3000	4000	3100	400	250	≥3	560	22	22000	4100x2030x3300
WC67Y-400/4000	4000	4000	3100	400	3200	≥3	600	30	22940	4080x2560x3360



2、WC67K-NC HYDRAULIC PRESS BRAKE(BENDING MACHINE)



Product Description:

The performance of this type of hydraulic press brake(metal sheet bending machine):

Model: serial WC67K

- 1.the frame is steel-welded construction, vibration to eliminate stress. With high strength and good rigidity.
 - 2.forcing torsion bar maintains synchronization for the two pistons,with the higher parallelism to the table. Mechanical stop nuts ensure stable and reliable positioning accuracy.
 - 3.The stroke(Y) of ram and (X) back gauge are all controlled by E20 NC or DA-41 system with high positioning precision.
 - 4.Balls crew is equipped to ensure the positioning precision of back gauge.
- E20 NC and DA-41 system has a simple programming function.
Line transducer is equipped also.

OPTIONAL:

- 1 two-hand control foot pedestal device
- 2.it is possible for special tooling with different lengths to bend the closed frame workpiece
3. crowned compensation device in worktable is available
- 4.any tailor-made are available on request.



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Product parameters:

model	Nominal pressure (KN)	Length of table (mm)	Distance between housings (mm)	Throat depth (mm)	Stroke of ram (mm)	Stroke of ram (mm)	Max. open height (mm)	Main motor (kw)	Weight (kg)	Overall dimensions
WC67K-30/1300	300	1300	1020	200	100	≥11	210	3	1750	1530x1078x1965
WC67K-40/2000	400	2000	1650	200	100	≥11	300	4	2800	2300x1070x2135
WC67K-40/2500	400	2500	2050	200	100	≥11	300	4	3500	2800x1070x2135
WC67K-63/2000	630	2000	1650	250	100	≥10	320	5.5	3900	2300x1350x2355
WC67K-63/2500	630	2500	2050	250	100	≥10	335	5.5	5000	2750x1350x2305
WC67K-63/3200	630	3200	2670	250	100	≥10	335	5.5	5500	3450x1350x2405
WC67K-63/4000	630	4000	3200	250	100	≥10	335	5.5	6500	4300x1350x2405
WC67K-80/2500	800	2500	2050	250	100	≥10	350	7.5	6000	2780x1400x2405
WC67K-80/3200	800	3200	2660	250	100	≥10	350	7.5	6200	3450x1400x2450
WC67K-100/2500	1000	2500	2050	320	100	≥8	365	7.5	6400	2800x1350x2485
WC67K-100/3200	1000	3200	2650	320	100	≥8	365	7.5	7300	3450x1350x2485
WC67K-100/4000	1000	4000	3100	320	100	≥8	365	7.5	11600	4300x1350x2485
WC67K-125/2500	1250	2500	2050	320	100	≥8	415	7.5	7100	2850x1350x2485
WC67K-125/3200	1250	3200	2650	320	150	≥8	415	7.5	8500	3450x1550x2485
WC67K-125/4000	1250	4000	3200	320	150	≥8	415	7.5	9300	4300x1350x2485
WC67K-160/3200	1600	3200	2640	320	200	≥6	480	11	10800	3450x1600x2500
WC67K-160/4000	1600	4000	3100	320	200	≥6	480	11	11800	3900x1600x2500
WC67K-160/6000	1600	5000	4800	320	200	≥6	480	11	16700	5300x1900x3000
WC67K-200/3200	2000	3200	2650	320	200	≥3	510	11	16000	3450x1950x2685
WC67K-200/4000	2000	4000	3200	320	200	≥3	510	11	18500	4300x1950x2685
WC67K-200/5000	2000	5000	4000	320	200	≥3	510	11	21000	5300x1930x3000
WC67K-250/3200	2500	3200	2620	400	250	≥3	560	15	17000	3450x2030x3000
WC67K-250/4000	2500	4000	3100	400	250	≥3	560	15	21000	4300x2030x3000
WC67K-250/5000	2500	5000	4000	400	250	≥3	560	15	26000	5300x2100x3300
WC67K-300/4000	3000	4000	3100	400	250	≥3	560	22	22000	4100x2030x3300
WC67K-400/4000	4000	4000	3100	400	3200	≥3	600	30	22940	4080x2560x3360



3、WE67K-CNC HYDRAULIC PRESS BRAKE(BENDING MACHINE)



Product Description

The performance of this type of press brake (bending machine) which is used to bend metal sheet precisely:

Model: serial WE67K

1. Equipped with DELEM CNC system made in Holland, and other key parts such as raster display, hydraulic valve, servo motor are all importing products.
2. There are two linear scales installed on "C" plates on both sides, which is fixed on worktable to eliminate the effect ion of deflection when working. The raster displayers will inspect the both end positions of ram (Y1, Y2) and send signal. After amplified by CNC amplifier, the signal will be fed back to computer. Then the computer will control the volume of oil, which is going to enter into cylinders. So the parallelism of ram and worktable could be controlled under under the tolearnce 0.01mm.



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3. DELEM system has automatic testing and self-diagnosis functions. Also, Programming is simply composed of putting in sizes of plate to bend, dimensions of work piece and choosing tools. Then CNC system could calculate the bending force and position of back gauge and ram automatically. Also the ram penetrating and pressing time relay could be calculated.
4. Good quality electro-hydraulic proportional valve is adopted to ensure the synchronization of both cylinders as well good capacity to deal eccentric load.
5. The stroke of ram and back gauge are all controlled by CNC system with good precision.
6. Main sliding parts such as cylinders, piston rod, guide way, are all treated with wear-resistance.
7. Back gauge adopts rolling ball screw and rolling guide way, so the repeat positioning precision of X axis could reach 0.1mm.
8. Full machine is guarded with safety guard with interlocker to prevent the operator from injured.

CNC control system:

Computer: DELEM CNC system and its performance

- A. LCD displayer.
- B. Tool Basement and Program basement
- C. The synchronization precision of Y1-Y2 could reach 0.01mm and the precision of backgauge is 0.01.

OPTIONAL:

- 1 two-hand control foot pedestal device
- 2.it is possible for special tooling with different lengths to bend the closed frame workpiece
- 3.automatic crowned compensation device in worktable is available
- 4.photo-electricity protection(light sensor) is possible
5. Multi-control axis can be requested
- 6.any tailor-made are available on request.



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Product parameters:

model	Nominal pressure (KN)	Length of table (mm)	Distance between housings (mm)	Throat depth (mm)	Stroke of ram (mm)	Stroke of ram (mm)	Max. open height (mm)	Main motor (kw)	Weight (kg)	Overall dimensions
WE67K-63/2500	630	2500	2050	250	100	≥10	350	7.5	5500	2780x1725x2480
WE67K-80/2500	800	2500	2650	320	200	≥8	460	7.5	6200	2770x1955x2480
WE67K-100/3200	1000	3200	2650	320	200	≥8	475	7.5	8700	3450x1955x2485
WE67K-125/3200	1250	3200	2650	320	200	≥8	475	7.5	9000	3450x1955x2485
WE67K-160/3200	1600	3200	2650	320	200	≥6	540	11	11000	3450x1600x2855
WE67K-200/3200	2000	3200	2650	400	200	≥3	560	11	16000	3450x1950x2685
WE67K-250/3200	2500	3200	2650	400	250	≥3	560	15	17000	3450x2030x3000
WE67K-250/4000	2500	4000	3100	400	250	≥3	560	15	19000	4300x2030x3000
WE67K-300/4000	3000	4000	3100	400	250	≥3	560	22	20000	4300x2030x3200
WE67K-300/6000	3000	6000	4800	400	250	≥3	560	22	28500	6100x2560x4560
WE67K-400/4000	4000	4000	3100	500	320	≥2.5	700	30	23000	4100x3280x3450
WE67K-400/6000	4000	6000	4800	500	320	≥2.5	700	30	42000	6150x3280x5300
WE67K-500/6000	5000	6000	4800	500	300	≥2.5	700	37	54000	6150x3777x5350
WE67K-500/7000	5000	7000	5600	800	320	≥2.5	700	37	68000	7150x4140x9570
WE67K-600/6000	6000	6000	4800	600	320	≥2.5	800	45	62000	6211x5959x5500
WE67K-800/6000	8000	6000	4800	800	350	≥2	800	55	80000	6000x6915x6100
WE67K-800/7000	8000	7000	5600	500	350	≥2	710	45	85000	7200x4100x4900
WE67K-1000/6000	10000	6000	4800	500	450	≥1.5	800	50	139000	6300x4400x5800
WE67K-1000/8000	10000	8000	5600	500	450	≥6	800	50	150000	8300x4400x5800



4、WE67K1-CNC MULTI-MACHINE TADEM HYDRAULIC PRESS BRAKE (BENDING MACHINE)



Product Description

This model of hydraulic press brake(hydraulic bending machine) has following performance:

model: series 2-WE67K

1 The frame of machine is composed of tank, worktable, left and right housings and ram. So it has high strength and good rigidity. Also it takes vibration to eliminate stress.

2 Synchronization working principal of both machines: Adopting electric-hydraulic proportional valve to ensure the synchronization of both machines. The proportional valve is made by BOSCH company with very good performance such as small friction between mechanic action pairs, fine electronic amplifier and electric magnet with high controlling force and continuous action. There are two raster displays on both sides of machine to inspect the position of ram continuously and feed back the signal to control system, then the control system will control electric-hydraulic valve to make two cylinders synchronization on one machine. Because the raster displays are installed to C plates, not on housing plates directly, the deflection of ram and frame when working will not effect its measuring and controlling precision. When two machines working together, the differential potentiometer installed between two machines will transfer the mechanic synchronizing signal into electronic one and feed back to synchronization plate and control system. The signal will be enlarged by BOSCH amplifier to control the synchronization of both machines by controlling electric-hydraulic proportional



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valve. So the synchronization of two machines is achieved with high precision.

3 Through computer, the operator could communicate with machine. The computer has several service language, calculate and adjust the bending force automatically. Also it could calculate and control the dead point, speed changing point. The strokes (Y1, Y2) of ram could make a small tilt to meet the special requirement of user.

4 Equipped with good guiding system, position measuring system and hydraulic balance system to meet the requirements of full length job and eccentric job.

5 Worktable compensation unit is adopted to make up for deflection of machine when working to make sure the precision of work piece.

Product parameters:

model	Nominal pressure (KN)	Length of table (mm)	Distance between housings (mm)	Throat depth (mm)	Stroke of ram (mm)	Stroke of ram (mm)	Max. open height (mm)	Main motor (kw)	Weight (kg)	Overall dimensions
2-WE67K-320/6000	3200	6000	4800	720	250	≥1.5	870	22	33000	2x6150x2614x5470
2-WE67K-600/6000	6000	6000	4800	1000	320	≥1.5	1000	45	6200	2x6080x4435x7300
2-WE67K-800/6000	8000	6000	4800	1100	350	≥1.5	1100	55	8500	2x6100x6915x5400
2-WE67K-1000/6500	10000	6500	4880	1400	400	≥1.5	1400	55	125000	2x6500x7935x6900
2-WE67K-1200/7000	12000	7000	5600	1600	450	≥1.5	1800	75	145000	2x7100x8535x7500
2-WE67K-1600/9000	16000	9000	6500	1100	450	≥1.5	1250	2x55	170000	2x9100x8200x8250



5、QY12Y-HYDRAULIC SWING BEAM SHEAR(CUTTING MACHINE)



Product Description

The performance of our metal sheet cutting machine(shearing machine):

model: serials QC12Y

1. The frame is steel-welded construction, vibrating to eliminate stress, with high strength and good rigidity.
2. Hydraulic driven and returning stroke is activated by the accumulator or nitrogen cylinder smoothly and promptly.
3. The sheet is moved easily through rolling ball equipped on worktable and protect the surface of sheet plate.
4. Adjusting of the gap between blades is portable and prompt, the value of the gap is indicated on a dial
5. The back gauge is motorized adjustable and manual fine adjusted. The adjusted value is shown on the numerator on the front of the machine.
6. There is a display to count the number of cutting, the stroke of beam could be adjusted stepless.
7. The clearance of blades could be adjusted by hand wheel, the value adjusted is display on the indicating plate.
8. Full machine is guarded with safety guard with interlocker to prevent the operator from injured.

Optional:

1. the adjusted value can be shown on a digital readout(electronic display)
2. pneumatic sheet support
3. any tailor-made are available on request.



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Product parameters:

model	Shear size (mm)	Shear angle	Cutting number (min ⁻¹)	Back gauge (mm)	Main motor (KW)	Weight (kg)	Overall dimensions
QC12Y-4X2000	4X2000	1°30	≥18	20-600	7.5	4000	2650x1610x1650
QC12Y-4X2500	4X2500	1°30	≥18	20-600	7.5	5200	3140x1610x1650
QC12Y-6X2500	6X2500	1°30	≥18	20-600	7.5	5200	3140x1610x1650
QC12Y-6X3200	6X3200	1°30	≥14	20-600	7.5	6260	3840x1610x1650
QC12Y-6X4000	6X4000	1°30	≥10	20-600	11	8700	4640x1610x1700
QC12Y-6X6000	6X6000	1°30	≥7	20-800	15	23000	6800x2300x2360
QC12Y-8X2500	8X2500	1°30	≥14	20-600	11	5300	3140x1610x1650
QC12Y-8X3200	8X3200	1°30	≥10	20-600	11	6300	3840x1610x1650
QC12Y-8X4000	8X4000	1°30	≥8	20-600	11	9650	4680x1705x1700
QC12Y-8X5000	8X5000	1°30	≥7	20-750	15	21000	5786x2252x2310
QC12Y-10X2500	10X2500	2°	≥10	20-600	15	9150	4050x1690x1850
QC12Y-10X3200	10X3200	1°48	≥8	20-600	15	9150	4050x1690x1850
QC12Y-10X4000	10X4000	2°	≥10	20-800	18.5	14500	4765x2200x2100
QC12Y-12X2500	12X2500	2°	≥10	20-600	15	7380	3350x1690x1850
QC12Y-12X3200	12X3200	1°30	≥8	20-800	18.5	12500	4000x2050x2005
QC12Y-12X4000	12X4000	2°	≥7	20-800	18.5	18000	4820x2300x2200
QC12Y-16X2500	16X2500	2°	≥8	20-800	18.5	12200	7200x4100x4900
QC12Y-16X3200	16X3200	2°	≥7	20-800	18.5	16300	4050x2190x2050
QC12Y-16X4000	16X4000	2°	≥7	25-800	30	20000	4850x2350x2300
QC12Y-20X2500	20x2500	2°30	≥6	20-800	37	14000	3440x2088x2570
QC12Y-20X3200	20x3200	2°30	≥5	25-800	37	20000	4150x2303x2636
QC12Y-20X4000	20x4000	2°30	≥5	30-1000	37	25000	4950x2400x2730



6、QY12K-NC HYDRAULIC SWING BEAM SHEAR(CUTTING MACHINE)



Product Description:

The performance of our metal sheet cutting machine(shearing machine):

model: serial QC12K

1. The frame is steel-welded construction, vibrating to eliminate stress, with high strength and good rigidity.
2. Hydraulic driven and returning stroke is activated by the accumulator or nitrogen cylinder smoothly and promptly.
3. The sheet is moved easily through rolling ball equipped on worktable and protect the surface of sheet plate.
4. Closed loop control system is composed of NC controller and the encoder. It has the automatic function of inspection and compensation.
5. The back gauge driven by servo motor adopts rolling ball screw, rolling guiding way, so it's positioning precision could reach 0.10mm.
6. There is a display to count the number of cutting, the stroke of beam could be adjusted stepless.
7. The clearance of blades could be adjusted by hand wheel, the value adjusted is display on the indicating



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plate.

8. Full machine is guarded with safety guard with interlocker to prevent the operator from injured.

9. it is available as optional with E20,DA-250 and DA-350system

Product parameters:

model	Shear size (mm)	Shear angle	Cutting number (min ⁻¹)	Back gauge (mm)	Main motor (KW)	Weight (kg)	Overall dimensions
QC12K-4X2000	4X2000	1°30	≥18	20-600	7.5	4000	2650x1610x1650
QC12K-4X2500	4X2500	1°30	≥18	20-600	7.5	5200	3140x1610x1650
QC12K-6X2500	6X2500	1°30	≥18	20-600	7.5	5200	3140x1610x1650
QC12K-6X3200	6X3200	1°30	≥14	20-600	7.5	6260	3840x1610x1650
QC12K-6X4000	6X4000	1°30	≥10	20-600	11	8700	4640x1610x1700
QC12K-6X6000	6X6000	1°30	≥7	20-800	15	23000	6800x2300x2360
QC12K-8X2500	8X2500	1°30	≥14	20-600	11	5300	3140x1610x1650
QC12K-8X3200	8X3200	1°30	≥10	20-600	11	6300	3840x1610x1650
QC12K-8X4000	8X4000	1°30	≥8	20-600	11	9650	4680x1705x1700
QC12K-8X5000	8X5000	1°30	≥7	20-750	15	21000	5786x2252x2310
QC12K-10X2500	10X2500	2°	≥10	20-600	15	9150	4050x1690x1850
QC12K-10X3200	10X3200	1°48	≥8	20-600	15	9150	4050x1690x1850
QC12K-10X4000	10X4000	2°	≥10	20-800	18.5	14500	4765x2200x2100
QC12K-12X2500	12X2500	2°	≥10	20-600	15	7380	3350x1690x1850
QC12K-12X3200	12X3200	1°30	≥8	20-800	18.5	12500	4000x2050x2005
QC12K-12X4000	12X4000	2°	≥7	20-800	18.5	18000	4820x2300x2200
QC12K-16X2500	16X2500	2°	≥8	20-800	18.5	12200	7200x4100x4900
QC12K-16X3200	16X3200	2°	≥7	20-800	18.5	16300	4050x2190x2050
QC12K-16X4000	16X4000	2°	≥7	25-800	30	20000	4850x2350x2300
QC12K-20X2500	20x2500	2°30	≥6	20-800	37	14000	3440x2088x2570
QC12K-20X3200	20xx3200	2°30	≥5	25-800	37	20000	4150x2303x2636
QC12K-20X4000	20x4000	2°30	≥5	30-1000	37	25000	4950x2400x2730



7、QC11Y-HYDRAULIC GUILLOTINE SHEAR (CUTTING MACHINE)



Product Description

The performance of our guillotine shear (hydraulic metal sheet cutting machine):

Model: QC11Y-

1. The metal sheet is moved easily by the rolling balls and the support block located on the table to ensure the surface quality of the sheet to be cut. There are front support arms and side squaring arm.
2. Mechanical rear stopper with manual fine tuning and digital indication.
3. clearance in between shearing blades adjusted by hand wheel to be quick, accurate and convenient.
4. rectangular blades with four cutting edges to prolong working life, adjustable shearing angle to reduce deformation of the sheet.
5. the top blades' holder adopts inner slanting construction to ease unloading working piece to promote the quality of working piece. the stroke of top blade could be adjusted stepless.



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6.the cutting angle can be adjusted through pressure the button on control box. The angle degree is show by indication light. It's very easy and convenient.

7. Protective fence and the safety interlocker to ensure the operation safety. Power supply switch that is set in the electric box will be automatically turned off when the box's door is opened or the fence is turned up.

Protecting barrier with safety interlocker is mounted on the back of the machine. Another, there are travel limit protection and foot pedestal mounted emergency off switch.

Product parameters:

model	Shear size (mm)	Shear angle	Cutting number (min ⁻¹)	Back gauge (mm)	Main motor (KW)	Weight (kg)	Overall dimensions
QC11Y-6X2500	4X2500	0.5°-2°	≥14	20-600	7.5	5410	3170x1620x2010
QC11Y-6X3200	6X3200	0.5°-2°	≥14	20-600	7.5	6750	3870x1670x2010
QC11Y-6X4000	6X4000	0.5°-2°	≥8	20-600	11	8800	4690x1670x2075
QC11Y-8X2500	8X2500	0.5°-2°	≥14	20-600	11	6245	3170x1640x2000
QC11Y-8X3200	8X3200	0.5°-2°	≥10	20-600	11	7365	3880x1670x2000
QC11Y-12X3200	12X3200	0.5°-2°	≥10	20-800	18.5	11590	3915x1998x2240
QC11Y-16X3200	16X3200	0.5°-2.5°	≥7	20-800	22	13150	3925x2000x2350
QC11Y-20X3200	20X3200	0.5°-2.5°	≥6	20-1000	30	18000	4005x2250x2470
QC11Y-25X2500	8X4000	0.5°-3°	≥5	20-1000	45	22100	3975x2400x2210
QC11Y-8X6000	8X6000	0.5°-2°	≥7	20-800	22	23850	7315x2435x2965
QC11Y-10X6000	10X6000	0.5°-2°	≥7	20-800	30	27000	7360x24000x3000
QC11Y-12X6000	12X6000	0.5°-2°	≥7	20-800	30	30000	6700x2988x3050
QC11Y-16X6000	16X6000	0.5°-2.5°	≥5	20-1000	37	36000	7350x2550x3170
QC11K-10X8000	10X8000	0.5°-2°	≥7	20-1000	45	47600	9310x2655x3430
QC11K-13X8000	13X8000	0.5°-3.5°	≥7	20-1000	75	56500	9330x2755x3710
QC11K-30X2500	30X2500	0.5°-3.5°	≥4	20-1000	55	27000	4160x2500x3085



8、QC11K-HYDRAULIC GUILLOTINE SHEAR (CUTTING MACHINE)



Product Description

The performance of our guillotine shear (hydraulic metal sheet cutting machine):

model: serials QC11K

1. The metal sheet is moved easily by the rolling balls and the support block located on the table to ensure the surface quality of the sheet to be cut. There are front support arms and side squaring arm.
2. Closed loop control system is composed of NC controller and the encoder. NC controller has the automatic function of inspection and compensation. The back gauge is driven by DC servo motor, the positioning precision of the back gauge, the parallelism of the sheet to be cut off and the precision of the shear size can be ensured. After inputting precomputed data, the back gauge can be automatically moved, positioned, stopped and retraction when cutting. X axis repeat positioning accuracy: 0. 1mm.
3. Protective fence and the safety interlocker to ensure the operation safety. Power supply switch that is set in the electric box will be automatically turned off when the box's door is opened or the fence is turned up. Protecting barrier with safety interlocker is mounted on the back of the machine. Another, there are travel limit protection and foot pedestal mounted emergency off switch.
- 4.the back gauge is controlled by E20 or DA-250 control system
5. it is possible that gap between top and bottom blades could be automatic adjusted through control system.



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Product parameters:

model	Shear size (mm)	Shear angle	Cutting number (min ⁻¹)	Back gauge (mm)	Main motor (KW)	Weight (kg)	Overall dimensions
QC11K-6X2500	4X2500	0.5°-2°	≥14	20-600	7.5	5410	3170x1620x2010
QC11K-6X3200	6X3200	0.5°-2°	≥14	20-600	7.5	6750	3870x1670x2010
QC11K-6X4000	6X4000	0.5°-2°	≥8	20-600	11	8800	4690x1670x2075
QC11K-8X2500	8X2500	0.5°-2°	≥14	20-600	11	6245	3170x1640x2000
QC11K-8X3200	8X3200	0.5°-2°	≥10	20-600	11	7365	3880x1670x2000
QC11K-12X3200	12X3200	0.5°-2°	≥10	20-800	18.5	11590	3915x1998x2240
QC11K-16X3200	16X3200	0.5°-2.5°	≥7	20-800	22	13150	3925x2000x2350
QC11K-20X3200	20X3200	0.5°-2.5°	≥6	20-1000	30	18000	4005x2250x2470
QC11K-25X2500	8X4000	0.5°-3°	≥5	20-1000	45	22100	3975x2400x2210
QC11K-8X6000	8X6000	0.5°-2°	≥7	20-800	22	23850	7315x2435x2965
QC11K-10X6000	10X6000	0.5°-2°	≥7	20-800	30	27000	7360x2400x3000
QC11K-12X6000	12X6000	0.5°-2°	≥7	20-800	30	30000	6700x2988x3050
QC11K-16X6000	16X6000	0.5°-2.5°	≥5	20-1000	37	36000	7350x2550x3170
QC11K-10X8000	10X8000	0.5°-2°	≥7	20-1000	45	47600	9310x2655x3430
QC11K-13X8000	13X8000	0.5°-3.5°	≥7	20-1000	75	56500	9330x2755x3710
QC11K-30X2500	30X2500	0.5°-3.5°	≥4	20-1000	55	27000	4160x2500x3085



9、CQ9-NC FRONT FEED HYDRAULIC SHEAR MACHINE(CUTTING MACHINE)



Product performance:

1. the vertical gripper of intellect positioning is controlled by pneumatic system.
2. closed loop control system is composed of NC controller and the encoder. Nc controller has the automatic function of inspection and compensation. the back gauge is driven by DC servo motor, the position precision of the back gauge, the parallelism of the sheet to be cut off and the precision of the shear size can be ensured. after inputting recomputed data, the back gauge can be automatically moved. Positioned, stopped and retraction when cutting. X axis repeat positioning accuracy:±0.1mm.
3. the stroke and frequency of shear can be controlled. The machine has the function of single shearing and automatic continuous shearing.
4. protective fence and the safety interlocker to ensure the operation safety.power supply switch that is set in the electric box will be automatically turned off when the box's door is opened or the fence is turned up. protection barrier with safety interlocker is mounted on the back of the machine. Another, there are travel limit protection and food pedestal mounted emergency off switch.