



J21 series

Power press machine



Description

J21 series open type fixed table press belongs to the national standard general-purpose press. The fuselage adopts integral casting or steel plate welding body, rigid clutch, 63T and above adopt spring-type balance cylinder, and the work is stable and reliable. Among them, the 125T and above models use rectangular guide rails, which can improve the guiding precision and die life of the machine tool. Above 35B, the rod type double-turn key clutch structure and our company's new patent technology are mainly used.

1. The double-turn key clutch structure is adopted, and the work key and the auxiliary key are simultaneously completed by the clutch, which can effectively prevent the re-bound, and is more suitable for the stamping process such as stretching and molding.

2. The double-turn key clutch structure is adopted to make the maintenance more convenient and quick; the work key, the auxiliary key and the combination key can be replaced without disassembling the large gear during maintenance.

3. Adopting the company's new patent technology



TYPE		J21-35	J21-35B	J21-40A	J21-40B	J21-63A	J21-80A	JN21-100	J21-100	J21-125	J21-160	J21-200	J21-250
Nominal capacity	KN	350	350	400	400	630	800	1000	1000	1250	1600	2000	2500
Nominal stroke	mm	5	5	3	3	4	9	5	10	10	12	12	12
Slide stroke	mm	80	90	100	110	110	130	130	130	130	160	130	180
Strokes per minute	min ⁻¹	50	45	60	45	45	45	50	38	38	40	35	30
Max shut H.	mm	280	310	280	310	320	430	400	480	500	480	450	480
Max die H.	mm	220	250	220	250	250	330	300	380	400	350	320	480
Die H. adjust	mm	60	60	60	60	70	90	90	100	100	130	130	100
Throat depth	mm	205	220	205	220	230	290	300	380	380	380	380	450
Bolster thickness	mm	60	60	60	60	70	100	100	100	100	130	130	170
Distance btw uprights	mm	300	300	280	280	310	380	400	530	500	650	660	960
Bed dimension	FxB mm	380	410	380	410	430	540	560	710	710	720	720	880
	LxR mm	610	650	590	650	680	900	850	1080	1080	1190	1300	1600
Bed opening size	FxB mm	200	200	150	150	180	230	230	380	300	300	300	/
	LxR mm	290	290	300	300	340	360	420	560	530	530	530	/
	Dia. mm	260	260	200	200	230	280	300	500	400	400	400	/
Blanking hole size	mm	150	150	150	150	150	200	200	250	250	250	250	200
Slide bottom size	FxB mm	190	190	190	190	230	350	310	360	360	520	520	650
	LxR mm	210	210	240	240	290	370	380	430	430	590	650	850
Shank hole size	Dia. mm	50	50	50	50	50	60	60	60	60	70	70	70
	Depth mm	70	70	70	70	70	75	75	75	75	80	80	105
Motor	KW	3	3	3	3	5.5	7.5	7.5	11	11	15	18.5	30
	FxB mm	1470	1485	1500	1515	1463	1895	1850	2240	2340	2500	2620	2850
	LxR mm	1015	1045	1040	1070	1300	1360	1550	1700	1700	1890	1960	2170
Overall dimensions	H mm	2130	2160	2250	2280	2400	2750	2790	3260	3280	3400	3415	4200
	Net weight Kg	2200	2300	2400	2500	3300	5500	7000	10000	10000	13200	14450	17500

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J21 SERIES

Specification >



J21S series

Deep throat series



Description

The J21S Series is an open type fixed table press that increases the depth of the throat. that product has a large working space, and the work-piece can be punched without using a U-turn. it is widely used for the stamping of large-sized sheets.

More than 40 TONs of products are welded with steel plates, high strength and rigidity. The rigidrod clutch is operation and maintenance. Smooth work and reliable performance

Deep throat series



TYPE		J21-35	J21-35B	J21-40A	J21-40B	J21-63A	J21-80A	JN21-100	J21-100	J21-125	J21-160	J21-200	J21-250
Nominal capacity	KN	350	350	400	400	630	800	1000	1000	1250	1600	2000	2500
Nominal stroke	mm	5	5	3	3	4	9	5	10	10	12	12	12
Slide stroke	mm	80	90	100	110	110	130	130	130	130	160	130	180
Strokes per minute	min ⁻¹	50	45	60	45	45	45	50	38	38	40	35	30
Max shut H.	mm	280	310	280	310	320	430	400	480	500	480	450	480
Max die H.	mm	220	250	220	250	250	330	300	380	400	350	320	480
Die H. adjust	mm	60	60	60	60	70	90	90	100	100	130	130	100
Throat depth	mm	205	220	205	220	230	290	300	380	380	380	380	450
Bolster thickness	mm	60	60	60	60	70	100	100	100	100	130	130	170
Distance btw uprights	mm	300	300	280	280	310	380	400	530	500	650	660	960
Bed dimension	FxB mm	380	410	380	410	430	540	560	710	710	720	720	880
	LxR mm	610	650	590	650	680	900	850	1080	1080	1190	1300	1600
Bed opening size	FxB mm	200	200	150	150	180	230	230	380	300	300	300	/
	LxR mm	290	290	300	300	340	360	420	560	530	530	530	/
	Dia. mm	260	260	200	200	230	280	300	500	400	400	400	/
Blanking hole size	mm	150	150	150	150	150	200	200	250	250	250	250	200
Slide bottom size	FxB mm	190	190	190	190	230	350	310	360	360	520	520	650
	LxR mm	210	210	240	240	290	370	380	430	430	590	650	850
Shank hole size	Dia. mm	50	50	50	50	50	60	60	60	60	70	70	70
	Depth mm	70	70	70	70	70	75	75	75	75	80	80	105
Motor	KW	3	3	3	3	5.5	7.5	7.5	11	11	15	18.5	30
Overall dimensions	FxB mm	1470	1485	1500	1515	1463	1895	1850	2240	2340	2500	2620	2850
	LxR mm	1015	1045	1040	1070	1300	1360	1550	1700	1700	1890	1960	2170
	H mm	2130	2160	2250	2280	2400	2750	2790	3260	3280	3400	3415	4200
Net weight	Kg	2200	2300	2400	2500	3300	5500	7000	10000	10000	13200	14450	17500



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J21S SERIES

Specification >



J23 series

C Type power press machine

C Type power
press machine



TYPE		JN23-16A	JN23-25A	JC23-35	JC23-35B	JN23-40A	JN23-40B	JN23-63	JN23-63A	J23-80	J23-80A	JN23-100	J23-100
Nominal capacity	KN	160	250	350	350	400	400	630	630	800	800	1000	1000
Nominal stroke	mm	2	3	5	5	3	3	4	4	9	9	5	10
Slide stroke	mm	65	80	80	90	100	110	110	110	130	130	130	130
Strokes per minute	min ⁻¹	90	70	50	45	60	45	60	45	45	45	50	38
Max shut height	mm	210	250	280	310	280	310	320	320	380	380	400	480
Max. die H.	mm	160	195	220	250	220	250	250	250	280	280	300	380
Die H. adjustment	mm	50	50	60	60	60	60	70	70	90	90	90	100
Throat depth	mm	150	180	205	220	205	220	230	230	290	290	300	380
Bolster thickness	mm	50	55	60	60	60	60	70	70	100	100	100	100
Distance uprights	mm	200	240	300	300	280	280	290	290	380	380	400	530
Bed size	FxB	mm	280	330	380	410	380	410	430	430	540	540	710
	LxR	mm	420	550	610	650	590	650	650	650	800	800	1080
Bed opening dimension	FxB	mm	110	130	200	200	150	150	180	180	230	230	380
	LxR	mm	220	260	290	290	300	300	340	340	360	360	560
	Dia.	mm	160	180	260	260	200	200	230	230	280	280	500
Blanking hole size	mm	100	120	150	150	150	150	150	150	200	200	200	250
Slide bottom size	FxB	mm	150	170	190	190	190	230	230	350	350	310	360
	LxR	mm	190	210	210	210	240	240	290	290	370	370	430
Shank hole size	Dia.	mm	30	50	50	50	50	50	50	60	60	60	60
	Depth	mm	50	70	70	70	70	70	70	75	75	75	75
Max. angle	°	20	20	20	20	20	20	20	20	30	30	20	20
Motor	KW	1.5	2.2	3	3	3	3	5.5	5.5	7.5	7.5	7.5	11
Overall dimensions	FxB	mm	1120	1155	1470	1485	1500	1515	1530	1530	1895	1895	2470
	LxR	mm	700	915	1015	1045	1040	1070	1080	1080	1360	1360	1740
	H	mm	1780	2020	2130	2160	2250	2280	2380	2380	2710	2710	3310
Net weight	Kg	900	1200	2200	2300	2400	2500	3300	3300	5500	5500	6600	10000



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J23 SERIES

Specification >



JD31 series

H TYPE 1 POINT PRESS MACHINE



Description

This series of products is a universal press with a single, continuous operation of the slider, Suitable for cold and hot stamping, electro-acoustic, auto parts, standard parts, home appliances and other industries.

The fuselage is welded by steel plate and the rigidity is excellent. The slider is guided by the copper-plated four-sided guide rail on the fuselage, which is wear-resistant and has good precision retention.

H TYPE 1 POINT



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JD31 SERIES

Specification >

TYPE		JD31-80A	JD31-125	JD31-125A	JD31-160	JD31-160A	JD31-200A
Nominal capacity	KN	800	1250	1250	160	1600	2000
Nominal stroke	mm	9	12	10	12	12	12
Stroke slide	mm	150	160	160	230	230	230
Strokes per minute	min ⁻¹	45	38	38	30	30	35
Max die height/max shut height	mm	350/450	400/500	400/500	380/480	380/480	440/570
Die H adjustment	mm	90	100	90	100	100	100
Bed dimension	FxB	mm	480	620	630	650	700
	LxR	mm	480	620	650	650	700
	T.	mm	100	100	100	100	130
	Dia	mm	120	120	120	110	150
Bed opening size	FxB	mm	480	620	630	650	700
	LxR	mm	500	620	650	650	700
	Dia	mm	130	150	130	150	160
Distance btw columns		mm	330	650	650	670	750
Side bottom size	FxB	mm	400	450	450	450	580
	LxR	mm	450	580	500	600	700
Shank hole size	Dia	mm	60	60	60	70	70
	Depth	mm	80	80	80	100	95
Electric motor	KW	7.5	11	11	15	18.5	22
Overall dimensions	FxB	mm	1640	2035	1800	1850	1880
	LxR	mm	1450	1700	1850	1900	1980
	H	mm	2850	3320	2980	3350	3760
Weight (approximate)		Kg	7000	8000	11500	9800	13000



JG31 series

H frame 1 point

Description

This series of products is a universal press, the slider has the function of single inch continuous pedal movement. It adopts moral dry pneumatic friction clutch brake and electric die adjusting device above 315T, which is suitable for cold and hot stamping process in hardware, bearing, plumbing, electroacoustic, steam parts, standard parts, household appliances and other industries.

The fuselage is welded by steel plate and has excellent stiffness and strength. The slider is guided by the copper-inlaid guideway on the fuselage, which is wear-resistant and has good precision retention. It is equipped with cylinder double balancing device, which makes the machine transmission system run smoothly and the noise is low. The lubrication system, which is concentrated in the combination of dispersion, is economical and reliable. The operating system is controlled by two-handed button and pedal switch, which is simple to operate, safe and reliable.

H type Single Point Press



TYPE			JG31-160	JG31-200	JG31-250	JG31-315	JG31-400
Nominal capacity		KN	1600	2000	2500	3150	4000
Nominal stroke		mm	12	12	12	10	12
Stroke slide		mm	230	230	230	250	280
Strokes per minute		min ⁻¹	40	35	28	30	30
Max die height/Max shut height		mm	380/480	440/570	420/560	480/660	500/680
Die H adjustment		mm	100	100	100	100	100
Bed dimension	FxB	mm	650	700	850	1100	1100
	LxR	mm	650	700	730	900	900
	T.	mm	100	130	140	180	180
	Dia.	mm	150	150	230	280	280
Bed opening size	FxB	mm	650	700	850	1100	1100
	LxR	mm	650	700	730	900	900
	Dia.	mm	150	160	300	300	300
Distance btw columns		mm	710	750	750	920	920
Side bottom size	FxB	mm	500	580	560	640	640
	LxR	mm	550	700	510	700	700
Shank hole size	Dia.	mm	70	70	75	75	75
	Depth	mm	95	95	120	110	110
Electric motor		KW	18.5	22	22	30	37
Overall dimensions	FxB	mm	1950	1880	2180	2360	2450
	LxR	mm	2130	2250	2310	2550	2580
	H	mm	3720	3820	3780	4200	4300
Weight (approximate)		Kg	13500	15000	17300	26000	29000

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JG31 SERIES

Specification >



JH21 series

C Frame Single Crank Power Press



JH21 series cross shaft press is welded by carbon dioxide shielded welding with high quality steel plate and integral bending tendons, all of which are treated by tempering (or vibration aging), with good rigidity and high accuracy. Crankshaft longitudinal position, compact structure, crankshaft after high frequency quenching grinding, good finish, flexible rotation; rectangular six sided extended guideway, high guidance accuracy, upper worktable and slider connected by screws. Pneumatic double balance bar, balance slider and upper die weight, reduce impact and noise, eliminate connecting rod and slider gap, reduce impact and wear of stress parts; the whole machine adopts imported PLC and touch screen centralized control, gas path is controlled by imported double valve, can be realized Now inch movement, single and continuous stamping.

Standard configuration

- 1 dry clutch brake
- 2 double magnetic valves
- 3 hydraulic overload pump
- 4 imported electronic cam control
- 5 programmable controller
- 6 brand touch screen control
- 7 seconds drop protection
- 8 pneumatic double balance rod
- 9 electric butter lubrication device
- 10 manual oil lubrication device
- 11 blowing device
- 12 error detection
- 13 Electric regulating device (above JH21-80)
14. Fixed station electric box

Optional configuration

- 1 frequency control
- 2 photoelectric protection device
- 3 air cushion device
- 4 cushions
- 5 demultiplexer type electric air box (JH21-125 AND UNDER)
- 6 Mobile button stations (JH21-80 and UNDER)

JH21 SERIES

Specification >

TYPE			JH21-25	JH21-45	JH21-63	JH21-80	JH21-110	JH21-125
Nominal capacity		KN	250	450	630	800	1100	1250
Nominal stroke		mm	3.2	3.2	4	4	6	6
Slide stroke		mm	70	80	120	150	180	180
Strokes per minute	Fixed	min ⁻¹	100	80	70	65	50	50
	Variable	min ⁻¹	70-100	50-80	45-70	40-65	30-60	40-60
Max. die height		mm	195	250	310	340	360	430
Die height adjustment		mm	50	60	75	80	80	80
Throat depth		mm	155	225	255	280	310	350
Distance between uprights		mm	418	500	526	530	616	630
Slide area	LxR	mm	300	400	500	560	650	620
	FxB	mm	230	300	360	420	470	520
Shank hole size	Dia	mm	40	50	50	60	60	70
	Depth	mm	65	60	70	70	80	75
Bolster size	LxR	mm	680	850	900	1000	1150	1150
	FxB	mm	300	440	500	550	600	680
Blanking hole size		mm	120	150	150	150	160	160
Bolster thickness		mm	70	80	80	90	120	155
Bolster surface height		mm	790	790	785	830	840	900
Dimensions	FxB	mm	1280	1600	1600	1800	1900	2095
	LxR	mm	850	950	1000	1180	1300	1525
	H	mm	2200	2500	2800	2800	3200	3210
Distance between foundation bolts	FxB	mm	1030	1245	1180	1300	1200	1540
	LxR	mm	700	810	890	980	1100	1200
Motor	Model		Y112M-4	Y132S-4	Y132S-4	Y132M-4	Y160M-4	Y160L-6
	Power	KW	4	5.5	5.5	7.5	11	11
Net weight		Kg	2100	3800	5600	6500	9600	10150
Adjusting slide device			Manual			Electrical driving		
Air pressure		Kg/cm ²	0.55-0.60					

TYPE		JH21-160	JH21-200	JH21-250	JH21-315	JH21-400	JH21-400B
Nominal capacity	KN	1600	2000	2500	3150	4000	4000
Nominal stroke	mm	6	6	6	7	8	10
Slide stroke	mm	200	200	200	250	200	250
Strokes per minute	Fixed	min ⁻¹	45	45	30	30	30
	Variable	min ⁻¹	30-45	25-45	20-30	20-30	20-30
Max die height	mm	400	450	500	500	500	550
Die height adjustment	mm	100	100	100	100	100	100
Throat depth	mm	400	430	450	450	440	490
Distance between uprights	mm	736	820	900	1060	1040	1040
Slide area	LxR	mm	700	850	950	1000	1000
	FxB	mm	580	650	650	700	750
Shank hole size	Dia	mm	70	70	70	75	75
	Depth	mm	100	100	105	110	120
Bolster size	LxR	mm	1250	1400	1600	1620	1800
	FxB	mm	760	840	880	880	950
Blanking hole size	mm	200	200	200	200	250	250
Bolster thickness	mm	165	180	190	190	200	200
Dimensions	Bolster surface	mm	900	915	1000	965	1030
	FxB	mm	2225	2415	2575	2880	2920
	LxR	mm	1670	1690	2100	2120	2350
	H	mm	3450	3500	3830	3900	4000
Distance between foundation bolts	FxB	mm	1620	1765	1945	2x1140	2x1160
	LxR	mm	1200	1350	1450	1550	1650
Motor	Model		Y180M-4	Y180M-4	Y200L2-6	Y225M-6	Y250M-6
	Power	KW	18.5	18.5	22	30	37
Net weight	Kg	13500	15800	22800	27500	33000	35000
Adjusting slide device		Electrical driving					
Air pressure	Kg/cm ²	0.55-0.60					



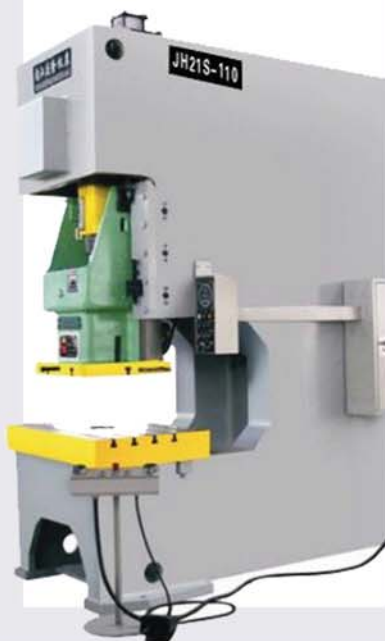
JH21S series

C frame deep throat pneumatic press machine

Description

Standard configuration

OMPI clutch brake
Fengxing double Solenoid Valve, Japan
Japanese hydraulic overload pump
Control of Electronic Cam in Omron, Japan
Mitsubishi PLC, Japan
Famous brand touch screen control
Secondary drop protection
Pneumatic double balancer
Electric butter lubrication device (lubricating main engine)
Manual dilute oil lubrication device (lubricating balance bar)
Air blowing device
False transmission detection
Electric modulating device (JH21S-80 and above)
Selection and configuration
frequency control
Photoelectric protection device
Air cushion device
shock pad
Split electric box (JH21S-125 and below)
Mobile button station (JH21S-80 and below)



TYPE			JH21S-80	JH21S-110	JH21S-125	JH21S-160
Nominal capacity		KN	800	1100	1250	1600
Nominal stroke		mm	4	6	6	6
Slide stroke		mm	160	160	180	200
Strokes per minute	Fixed	min ⁻¹	60	50	50	45
	Variable Option)	min ⁻¹	40-60	40-60	40-60	30-45
Maxium die height		mm	320	350	430	400
Die height adjustment		mm	80	80	80	100
Throat depth		mm	800	800	800	800
Distance between uprights		mm	550	550	550	610
Slide area	LxR	mm	540	620	620	700
	FxB	mm	460	520	520	580
Shank hole size	Dia	mm	50	70	70	70
	Depth	mm	70	75	75	100
Bolster size	LxR	mm	950	1150	1150	1190
	FxB	mm	600	680	680	760
Blanking hole size		mm	150	160	160	200
Bolster thickness		mm	140	155	155	165
Bolster surface height		mm	900	900	900	900
Overall dimensions	FxB	mm	2700	2760	2760	2940
	LxR	mm	1385	1525	1525	1610
	H	mm	2930	3110	3210	3450
Distance btw foundation bolts	FxB	mm	1830	2355	2355	2380
	LxR	mm	910	1070	1070	1170
Motor	Model		Y132M-4	Y160L-6	Y160L-6	Y180M-4
	Power	KW	7.5	11	11	18.5
Net weight		Kg	10000	13000	13500	16700
Slide adjust device			Electrical driving			



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JH21S SERIES

Specification >

H Frame high precision press



- Widely using in automotive sheet metal components, Sheet Metal & Fabrication Parts, Aerospace Sheet Metal Components, Aerospace components and Sheet metal components, sheet metal press parts, Electrical & Electronics Sheet Metal Components, Lamination Stampings .etc manufacturing

JM31 SERIES

Specification >



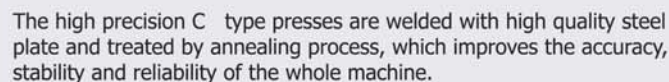
Bed dimension

	JM31-160	JM31-200	JM31-250	JM31-300	JM31-400	JM31-500	JM31-600
A	70	70	70	70	70	70	70
B	680	800	800	900	900	1000	1200
C	260	350	400	400	300	380	400
D	180	200	250	250	250	250	250
E	400	450	500	550	550	600	600
F	680	800	800	900	900	1000	1200

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high precision single crankshaft C type
press machine



The crankshaft, gear shaft and large gear are made of high quality steel and reprocessed by heat treatment, which improves the mechanical properties and durability, and eliminates the transmission noise of the machine tool after grinding the tooth surface.

In order to ensure the stability of the machine tool, a set of pneumatic balancer device layout is adopted.

The precision of die adjustment is as high as 0.1 mm, which is safe, convenient and reliable.

Adopt OMPI dry clutch brake and Fengxing safety interlocking valve in Japan to ensure the maximization of safe operation.

Using the Japan Shoo and Hydraulic Overload Protection Device

Extended six-sided guide rail with high guidance accuracy

Combination with the realization of automated production and assembly line mechanisms

Widely using automotive sheet metal components, Sheet Metal & Fabrication Parts, Aerospace Sheet Metal Components, Aerospace components and Sheet metal components, sheet metal press parts, Electrical & Electronics Sheet Metal Components, Lamination Stampings manufacturing

TYPE		NPA 25		NPA 45		NPA 60		NPA 80		
		V	H	V	H	V	H	V	H	
Capacity		T	25		45		60		80	
Rated tonnage point		mm	3.2	1.6	3.2	1.6	4	2	4	2
Stroke		mm	70	30	80	50	120	60	150	70
S.P.M	Variable	s.p.m	60-140	130-200	40-100	110-150	35-90	80-120	35-80	80-120
	Fixed	s.p.m	110		85		75		65	
Die height		mm	195	215	250	265	310	340	340	380
Slide adjustment		mm	50		60		75		80	
Throat Depth		mm	155		225		255		280	
Slide area		mm	300×230×50		400×300×60		500×360×70		560×420×70	
Bolster area		mm	680×300×70		850×440×80		900×500×80		1000×550×90	
Shank hole		mm	φ40		φ50		φ50		φ60	
Main motor		KW×P	4×4		5.5×4		5.5×4		7.5×4	
Presses dimension		mm	1280×850×2200		1600×950×2500		1600×1000×2800		1800×1180×2800	
Presses weight		T	2.1		3.8		5.6		6.5	
Slide adjust			Manual				Electrical driving			
Air pressure		Kg/cm ²	0.55 - 6							
Presses precision			GB/JIS 1 Class							

TYPE		NPA 110		NPA 160		NPA 200		NPA 260	
		V	H	V	H	V	H	V	H
Capacity		T	110	160		200		260	
Rated tonnage point		mm	6 3	6 3	6 3	6 3	7 3.5		
Stroke		mm	180 80	200 90	200 100	250 150			
S.P.M	Variable	s.p.m	30-60 60-90	20-50 40-70	20-50 50-70	20-40 40-50			
	Fixed	s.p.m	50	35	35	30			
Die height		mm	360 410	460 510	460 510	500 550			
Slide adjustment		mm	80	100	110	120			
Throat Depth		mm	310	405	415	430			
Slide area		mm	650×470×80	700×550×90	850×630×90	950×700×100			
Bolster area		mm	1150×600×120	1250×800×140	1400×820×160	1500×840×180			
Shank hole		mm	φ60	φ65	φ65	φ65			
Main motor		KW×P	11×4	15×4	18.5×4	22×4			
Presses dimension		mm	1900×1300×3200	2300×1400×3800	2615×1690×4075	2780×1850×4470			
Presses weight		T	9.6	16	23	32			
Slide adjust			Electrical driving						
Air pressure		Kg/cm ²	0.55 – 6						
Presses precision			GB/JIS 1 Class						



NPA SERIES

Specification >

high precision straight side H type press machine



- The precision, stability and reliability of the straight side press machines are improved by welding high quality steel plate and annealing process.

- Press's crankshaft, gear shaft and large gear are made of high quality steel and reprocessed by heat treatment, improving the mechanical properties and durability, and eliminates the transmission noise of the punch after grinding the tooth surface.
- In order to ensure the stability of the press with Japanese Industry Standard 1 class precision, a set of pneumatic balancer device layout is adopted.
- The die adjustment accuracy of Japan precision press machine is as high as 0.1 mm, which is safe, convenient and reliable.
- The Italian OMPI dry clutch brake and Japan safety interlocking valve are used to ensure the maximization of safe operation.
- Adoption of Showa hydraulic overload Protection device
- Extended eight-sided guide guideway with high guidance accuracy
- Combination with the realization of automated production and assembly line mechanisms

Widely using automotive sheet metal components, Sheet Metal & Fabrication Parts, Aerospace Sheet Metal Components, Aerospace components and Sheet metal components, sheet metal press parts, Electrical & Electronics Sheet Metal Components, Lamination Stampings manufacturing

Specification >



TYPE		NPC-110		NPC-160		NPC-200		NPC-250		NPC-300	
Capacity	T	110		160		200		250		300	
Rated ton point	mm	5	3	6	3	6	3	7	3.5	8	4
Stroke	mm	180	110	200	130	250	150	280	170	280	170
Stroke per min.	s.p.m	35-65	50-100	30-55	40-85	25-45	35-70	20-35	30-60	20-35	30-60
Max. Die H.	mm	400	435	450	485	500	550	550	605	550	605
Slide adjustment	mm	100		100		120		120		120	
Throat Depth	mm	330		385		425		455		455	
Slide area	mm	1400×500×70		1600×550×70		1850×650×95		2100×700×95		2100×700×95	
Bolster area	mm	1800×650×130		2000×760×150		2400×840×170		2700×900×170		2700×900×170	
Bolster surface H.	mm	830		990		1070		1100		1100	
Motor	KW×P	11×4		15×4		18.5×4		22×4		30×4	
Presses dimension	mm	1745×2000×3059		1940×2200×3709		2235×2620×3849		2545×3000×4304		2560×3000×4304	
Presses weight	T	14.2		20		27.5		38		39.5	
Air pressure	Kg/cm ²	0.55 ~ 6									
Presses precision		GB/JIS 1 Class									



NPM series

high precision H frame 2 crankshafts press machine

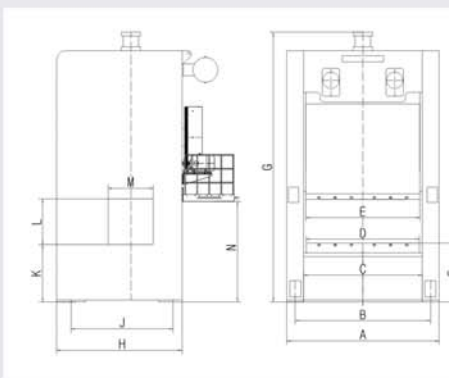
- 500ton straight side press machine's precision, stability and reliability are improved by welding high quality steel plate and annealing process.
- H frame's crankshaft, gear shaft and large gear are made of high quality steel and re-processed by heat treatment, improving the mechanical properties and durability, and eliminates the transmission noise of the punch after grinding the tooth surface.
- In order to ensure the stability of the high precision press machine with Japanese Industry Standard 1 class precision, a set of pneumatic balancer device layout is adopted.
- The die adjustment accuracy of power press machine is as high as 0.1 mm, which is safe, convenient and reliable.
- The Italian OMPI dry clutch brake and Japan safety interlocking valve are used to ensure the maximization of safe operation.
- Adoption of Showa hydraulic overload Protection device
- Extended eight-sided guide guideway with high guidance accuracy
- Combination with the realization of automated production and assembly line mechanisms

Standard configuration:

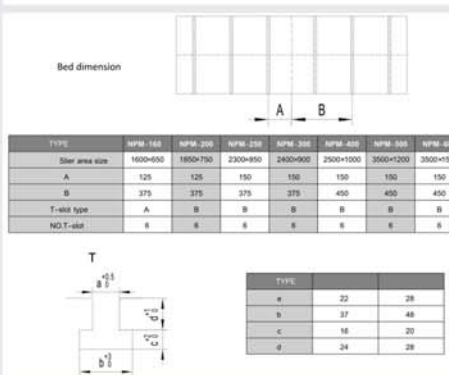
OMP I clutch brake
Joint venture frequency converter
Mitsubishi PLC, Japan
Joint venture electronic cam
Secondary drop protection device
Hydraulic overload Protection device of Showa, Japan
Main motor (adjustable speed)
Upper beating device of slider
Closed height adjusting motor
Closed height display counter
Crankshaft angle indicator
Electric yellow oil pump (lubricating main engine)
Manual dilute oil pump (lubricating balance bar)
Air source joint
Blowing device
touch screen
False transmission detection interface

Select configuration:

Air pressure die pad device
foot pedal
Fast die device (mold lifter, clamping device, mold shifters)
Feeder (air, machinery, NC)
Leveling machine
Photoelectric protective material rack
Upper die base manipulator
Mould lighting device
convenience receptacle
antivibration pad



	NPM-160	NPM-200	NPM-250	NPM-300	NPM-400	NPM-500	NPM-600
A	2590	3000	3600	3605	3800	4650	4750
B	2240	2650	3250	3250	3450	4370	4420
C	1880	2290	2800	2800	3000	3830	3830
D	1800	2200	2500	2500	2700	3800	3800
E	1600	1850	2100	2200	2500	3500	3500
F	1000	1000	1100	1200	1200	1200	1200
G	3757	4015	4593	4900	5255	5285	5385
H	1450	1600	1770	1870	2100	2180	2380
J	1290	1440	1610	1630	1640	1810	2010
K	940	940	1050	1150	1150	1230	1280
L	450	600	600	600	600	600	800
M	700	900	900	900	900	900	1000
N	1650	1810	1825	1840	2240	2320	2450



TYPE	NPM-160	NPM-200	NPM-250	NPM-300	NPM-400	NPM-500	NPM-600
Lower table dimension	1650x1000	2000x1000	2500x1000	2500x1000	2700x1000	3800x1000	3800x1000
WGT-160T	5	5	5	5	5	10	12
A	375	375	375	400	400	570	570
B	125	125	125	150	150	300	300
C	450	550	550	550	550	800	800
D	500	520	540	540	540	770	770
E	410	450	510	510	510	700	700
F	40x40x10	40x40x10	50x40x10	50x40x10	50x40x10	70x40x10	70x40x10
T-160T	25x100	25x100	25x100	25x100	25x100	25x100	25x100
T-200T	A	B	B	B	B	B	B

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NPM SERIES

DIAMENSION >



NPM series

high precision H frame 2 crankshafts press machine

- 500ton straight side press machine's precision, stability and reliability are improved by welding high quality steel plate and annealing process.
- H frame's crankshaft, gear shaft and large gear are made of high quality steel and re-processed by heat treatment, improving the mechanical properties and durability, and eliminates the transmission noise of the punch after grinding the tooth surface.
- In order to ensure the stability of the high precision press machine with Japanese Industry Standard 1 class precision, a set of pneumatic balancer device layout is adopted.
- The die adjustment accuracy of power press machine is as high as 0.1 mm, which is safe, convenient and reliable.
- The Italian OMPI dry clutch brake and Japan safety interlocking valve are used to ensure the maximization of safe operation.
- Adoption of Showa hydraulic overload Protection device
- Extended eight-sided guide guideway with high guidance accuracy
- Combination with the realization of automated production and assembly line mechanisms

Standard configuration: Select configuration:

OMPI clutch brake
 Joint venture frequency converter
 Mitsubishi PLC, Japan
 Joint venture electronic cam
 Secondary drop protection device
 Hydraulic overload Protection device of Showa, Japan
 Main motor (adjustable speed)
 Upper beating device of slider
 Closed height adjusting motor
 Closed height display
 counter
 Crankshaft angle indicator
 Electric yellow oil pump (lubricating main engine)
 Manual dilute oil pump (lubricating balance bar)
 Air source joint
 Blowing device
 touch screen
 False transmission detection interface

Air pressure die pad device
 foot pedal
 Fast die device (mold lifter, clamping device, mold shifters)
 Feeder (air, machinery, NC)
 Leveling machine
 Photoelectric protective material rack
 Upper die base
 manipulator
 Mould lighting device
 convenience receptacle
 antivibration pad

TYPE		NPM-160		NPM-200		NPM-250		NPM-300	
		S	H	S	H	S	H	S	H
Capacity	T	160		200		250		300	
Rated ton point	mm	6	3	6	3	7	3	7	3
Strokes	mm	180	130	250	150	280	170	300	170
Strokes per minute	s.p.m	30-55	40-85	20-50	35-70	20-40	30-60	20-35	30-50
Die height	mm	450	400	500	450	550	450	550	450
Slide adjustment	mm	100		120		120		120	
Slide area	mm	1600×650		1850×750		2300×850		2400×900	
Bolster area	mm	1800×760		2200×860		2500×960		2600×1000	
Side opening	mm	700×450		900×600		900×600		900×600	
Bolster surface H.	mm	1000		1000		980		1005	
Main motor	KW×P	15×4		18.5×4		22×4		30×4	
Motor of Slide adjust	KW×P	1.1×4		2.2×4		2.2×4		2.2×4	
Presses dimension	mm	2590×2310×3800		3000×2670×4105		3350×2960×4360		3450×2970×4380	
Slide adjust device		Electrical driving							
Air pressure	Kg/cm ²	5.5-6							
Presses precision		GB/JIS 1 Class							

TYPE		NPM-400		NPM-500		NPM-600		
		S	H	S	H	S		H
Capacity	T	400		500		600		
Rated ton point	mm	7	7	12	7	12		7
Strokes	mm	300	300	350	250	350		250
Strokes per minute	s.p.m	20-30	20-40	15-25	20-40	15-25		20-40
Die height	mm	550	550	600	600	650		650
Slide adjustment	mm	120		150		150		
Slide area	mm	2900×1000	2500×1000	3500×1200	3200×1200	2900×1500	3500×1500	4200×1500
Bolster area	mm	3200×1100	2800×1100	3800×1200	3400×1200	3200×1500	3800×1500	4500×1500
Side opening	mm	900×600		900×600		1000×800		
Bolster surface H.	mm	1200		1200		1250		
Main motor	KW×P	37×4		55×4		75×4		
Motor of Slide adjust	KW×P	2.2×4		2.2×4		3×4		
Presses dimension	mm							
Slide adjust device		Electrical driving						
Air pressure	Kg/cm²	5.5-6						
Presses precision		GB/JIS 1 Class						


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NPM SERIES

Specification >



Y27 series

4 Column 2 Action Hydraulic Press

Description

Y27 Type 4 Column

This plate drawing hydraulic machine is mainly used for bending and stretching of metal sheet, punching and blanking, flanging and other stamping processes. Equipped with hydraulic pad (for pressure edge), and the work surface is provided with ejector. Hole, especially suitable for sheet metal stretch forming. With independent electrical and hydraulic systems for easy operation and maintenance.

The PLC-controlled electrical system is compact, flexible, reliable and flexible. Especially suitable for the following areas.

4 Column



TYPE			JG31-160	JG31-200	JG31-250	JG31-315	JG31-400
Nominal capacity		KN	1600	2000	2500	3150	4000
Nominal stroke		mm	12	12	12	10	12
Stroke slide		mm	230	230	230	250	280
Strokes per minute		min ⁻¹	40	35	28	30	30
Max die height/Max shut height		mm	380/480	440/570	420/560	480/660	500/680
Die H adjustment		mm	100	100	100	100	100
Bed dimension	FxB	mm	650	700	850	1100	1100
	LxR	mm	650	700	730	900	900
	T.	mm	100	130	140	180	180
	Dia.	mm	150	150	230	280	280
Bed opening size	FxB	mm	650	700	850	1100	1100
	LxR	mm	650	700	730	900	900
	Dia.	mm	150	160	300	300	300
Distance btw columns		mm	710	750	750	920	920
Side bottom size	FxB	mm	500	580	560	640	640
	LxR	mm	550	700	510	700	700
	Dia.	mm	70	70	75	75	75
Shank hole size	Depth	mm	95	95	120	110	110
Electric motor		KW	18.5	22	22	30	37
Overall dimensions	FxB	mm	1950	1880	2180	2360	2450
	LxR	mm	2130	2250	2310	2550	2580
	H	mm	3720	3820	3780	4200	4300
Weight (approximate)		Kg	13500	15000	17300	26000	29000



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Y27 SERIES

Specification >

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Y28 series

series hydraulic press machines



4 Column Hydraulic press

TYPE		Y28-65/100	Y28-80/120	Y28-100/150	Y28-150/200	Y28-150/220	Y28-200/300	Y28-250/350
Master cylinder N.C.	KN	650	800	1000	1500	1500	2000	2000
Master cylinder stroke	mm	400	400	500	550	550	550	550
Bottom cylinder capacity	KN	350	400	500	500	700	1000	1000
Bottom cylinder stroke	mm	200	200	250	250	250	250	250
Knockout capacity	KN	7.6	7.6	16	16	16	16	16
Knockout stroke	mm	150	150	150	150	150	180	180
Max.open H.	mm	750	750	900	960	960	960	1000
Master cylinder down speed	mm/s	160	160	170	172	172	170	170
Master cylinder speed	mm/s	31	26	28	22	22	20	20
Master back speed	mm/s	155	143	156	167	167	170	154
Table effective size	F-B	mm	600	600	700	800	900	1000
	L-R	mm	600	600	700	800	900	1000
Motor	F-B	KW	11	11	15	18.5	22	30
	L-R	mm	1100	1100	1200	1280	1460	1570
Overall size	L-R	mm	1600	1600	1760	1860	2030	2180
	H	mm	2840	2880	3150	3350	3580	3650

TYPE		Y28-315/415	Y28-315/465	Y28-350/500	Y28-400/600	Y28-500/750	Y28-630/930
Master cylinder N.C.	KN	3000	3000	3500	4000	5000	6300
Master cylinder stroke	mm	620	700	700	800	800	800
Bottom cylinder capacity	KN	1000	1500	1500	2000	2500	3000
Bottom cylinder stroke	mm	275	300	300	300	350	350
Knockout capacity	KN	30	30	30	30	40	40
Knockout stroke	mm	180	180	180	180	200	200
Max.open H.	mm	1100	1150	1150	1200	1300	1300
Master cylinder down speed	mm/s	200	200	200	200	250	250
Master cylinder speed	mm/s	18	18	18	16	16	14
Master back speed	mm/s	183	183	161	145	140	132
Table effective size	F-B	mm	1000	1100	1300	1300	1450
	L-R	mm	1000	1000	1200	1200	1500
Motor	F-B	KW	30	37	45	45	55
	L-R	mm	1680	1700	1880	1980	1600
Overall size	L-R	mm	2220	2400	2410	2510	3500
	H	mm	3780	4260	4370	4500	5100



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Y28 SERIES

Specification >



Y27K series

H Frame hydraulic Press Machines

YB32 Series adopts The series adopts frame structures and the rigidity of the body is good. The slider adopts four corner and eight sided guide rails, which has high adjustment precision, strong anti-offset capability and automatic lubrication of the guide rail. The slider of this machine has a fast descending speed and a large work surface.



H Frame hydraulic Press Machines

TYPE		Y27K-315	Y27K-500	Y27K-500A	Y27K-630	Y27K-630A	Y27K-800	Y27K-1000	Y27K-1250	Y27K-1500	Y27K-2000
Nominal capacity	KN	3150	5000	5000	6300	6300	8000	10000	12500	16000	20000
Back capacity	KN	600	550	550	600	600	800	1000	1250	1500	1700
Hydraulic cushion capacity	KN	630	2000	2000	2000	2000	2500	3000	4000	4000	5000
Sliter stroke	mm	800	900	1000	900	1000	1100	1100	1200	1300	1300
Hydraulic cushion stroke	mm	300	350	350	400	400	400	400	450	450	450
Max.open height	mm	1250	1500	1600	1500	1600	1800	1800	2000	2000	2000
Sliter stroke speed	Idle	mm/s	120	250	250	250	250	300	300	30	300
	Working	mm/s	6-10	10-20	10-20	10-20	10-20	10-20	10-20	10-25	10-25
	Back	mm/s	600	200	200	200	200	250	250	250	250
Knockout speed	Up	mm	50	90	90	60-90	60-90	60-90	60-90	60-90	50-60
	Back	mm	120	120	120	120	120	120	100	120	110
Table size	L-R	mm	1260	2000	2800	2500	3000	3600	4500	5000	5200
	F-B	mm	1120	1200	1600	1800	1800	2400	2600	2600	2600
Moveable table overload		T	/	/	15	15	20	20	30	40	50
Hydraulic cushion size	L-R	mm	650	1200	2000	1750	2200	2900	2900	3800	4250
	F-B	mm	650	750	1100	1100	1250	1700	1700	1750	1750
Overall dimension	L-R	mm	2400	3300	5000	4400	4400	5390	5390	5500	6800
	F-B	mm	1800	2000	3300	2700	2700	3050	3050	3100	3150
	H	mm	5200	6500	6500	6600	6700	6900	7300	7800	8000
Motor	KW	22	60	60	85	88	104	104	141	228	293



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Y27K SERIES

Specification >



Y30A series

Fast hydraulic press

Y30A Series adopts the solid welded open structure to keep the fuselage rigid enough to have the most convenient operation space, compact, high efficiency, low energy consumption, simple operation; convenient manual adjustment mechanism The adjustable head or upper table can be pressed at will during the stroke. Pressure, stroke can be pressed to control the process requirements



FAST Hydraulic press

TYPE			Y30A-25	Y30A-40	Y30A-63	Y30A-80
Nominal capacity		KN	250	400	630	800
Max.stroke		mm	250	300	300	300
Max.open height		mm	400	450	450	500
Deep throat		mm	200	200	225	275
Slider bottom size		mm	300×220	400×250	400×280	480×350
Shank hole size		mm	φ40×60	φ50×70	φ50×70	φ60×75
Table size	L-R	mm	500	500	550	650
	F-B	mm	400	400	450	550
Bolster surface height		mm	850	850	850	850
Overall dimension	L-R	mm	620	720	800	850
	F-B	mm	1100	1230	1350	1450
	H	mm	2020	2100	2250	2330
Motor		KW	5.5	5.5	7.5	11



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Y30A SERIES

Specification >



Y34 series

Moving up hydraulic press machines



Moving up hydraulic press machines

TYPE			Y34-200	Y34-315	Y34-500
Master cylinder capacity		KN	2000	3150	5000
Master cylinder stroke		mm	160	160	160
Max.open height		mm	400	400	400
Knockout capacity		KN	50	100	200
Knockout stroke		mm	60	60	60
Table size	F-B	mm	480	580	680
	L-R	mm	520	600	700
Working table up speed		mm/s	60	98	77
Motor		KW	7.5	7.5	15
Overall dimension	F-B	mm	1200	1200	1360
	L-R	mm	1240	1360	1830
	H	mm	1500	1620	2450



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Y34 SERIES

Specification >



Y34X series

moving down hydraulic press machine



Moving moving down hydraulic press machine

TYPE			Y34X-315	Y34X-500	Y34X-630
Master cylinder capacity	KN		3150	5000	6300
Master cylinder stroke	mm		300	300	320
Bottom cylinder capacity	KN		160	160	200
Bottom cylinder stroke	mm		100	100	100
Max.open height	mm		550	620	680
Master cylinder speed down	mm/s		120	116	136
Master cylinder working speed	mm/s		10	7	6
Master cylinder back speed	mm/s		180	174	120
Table size	F-B	mm	780	860	980
	L-R	mm	700	780	900
Motor	KW		11	22	22
Overall dimension	F-B	mm	1200	1200	1210
	L-R	mm	1960	2140	2260
	H	mm	2020	2260	2500



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Y34X SERIES

Specification >



YA32 series

Hydraulic press machines

YA32 Series Four-Column fast Hydraulic Press has a wide range of performance, suitable for the pressing process of plastic materials, such as stamping, bending, flanging, can also be engaged in calibration, press-fit, grinding wheel molding and plastic products press forming process.



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YA32 SERIES

Specification >

4 Column ONLY

Hydraulic press

TYPE		YA32-40	YA32-63	YA32-80	YA32-100	YA32-160	YA32-200	YA32-315	YA32-315C
Master cylinder capacity	KN	400	630	800	1000	1600	2000	3150	3150
Master cylinder stroke	mm	400	400	400	500	500	500	700	700
Master cylinder idle down speed	mm/s	170	168	160	180	173	160	168	190
Master cylinder working speed	mm/s	29	24	26	20	20	17	12.5	12.5
Master cylinder back speed	mm/s	160	162	155	150	156	141	187	187
Max open H.	mm	600	600	650	750	800	930	1050	1100
Table effective size	F-B	mm	450	500	500	600	700	850	1000
	L-R	mm	450	500	500	600	700	850	1000
Knockout capacity	KN	100	150	200	250	250	400	500	500
Knockout stroke	mm	200	200	200	200	200	250	250	250
Motor	KW	5.5	7.5	11	11	18.5	18.5	22	22
Overall dimension	F-B	mm	930	950	1000	1135	1150	1600	1860
	L-R	mm	990	1010	1060	1680	1350	2220	2510
	H	mm	2420	2500	2620	2910	3200	3520	3880

TYPE		YA32-400	YA32-500	YA32-500B	YA32-630	YA32-630B	YA32-800	YA32-1000	YA32-1600
Master cylinder capacity	KN	4000	5000	5000	6300	6300	8000	10000	16000
Master cylinder stroke	mm	700	800	800	800	900	900	900	1000
Master cylinder idle down speed	mm/s	190	190	250	200	220	230	230	250
Master cylinder working speed	mm/s	12.5	15.3	18	16	16	13	12	10
Master cylinder back speed	mm/s	187	161	185	185	156	158	154	130
Max open H.	mm	1100	1250	1400	1300	1400	1300	1500	1600
Table size	F-B	mm	1280	1400	1600	1400	1600	1800	1600
	L-R	mm	1250	1400	2000	1400	2000	2000	2500
Knockout capacity	KN	800	800	1000	1000	1000	1250	1250	2500
Knockout stroke	mm	300	300	300	300	300	300	300	300
Motor	KW	37	44	60	60	60	74	90	120
Overall dimension	F-B	mm	1860	1900	1650	1950	2200	1700	1800
	L-R	mm	2510	2650	2500	2750	3100	2800	3000
	H	mm	3950	4580	5300	4300	5600	6150	6300



YB32 series

4 COLUMNS COLD EXTRUSION HYDRAULIC PRESS

YB32 Series adopts four-column balance structure and main cylinder pressing type, which makes it have high precision, fixed worktable and convenient operation. Especially suitable for : grinding wheels, electrical appliances, embossing, laminating, metal plates, straps (shell, bottom) plastic rubber and other industrial products for molding. In addition we can produce hydraulic press



4 COLUMNS COLD EXTRUSION

HYDRAULIC PRESS

machine



TYPE		YB32 - 100	YB32 - 200	YB32 - 315	YB32 - 500	YB32 - 600
Master cylinder capacity	KN	1000	2000	3150	5000	6300
Master cylinder stroke	mm	200	250	300	300	300
Back capacity	KN	84	110	142	180	200
Master cylinder down speed	mm/s	145	143	155	155	150
Master cylinder working speed	mm/s	7	7	7	6	6
Master cylinder back capacity	mm/s	151	128	142	141	140
Knockout capacity	KN	100	160	200	300	400
Knockout stroke	mm	100	100	150	150	150
Max.distance btw moveable plank and table	mm	400	480	560	620	650
Bolster surface height	F-B	mm	420	580	700	880
	L-R	mm	430	580	700	880
Overall dimension	F-B	mm	880	960	1150	1215
	L-R	mm	1350	1400	1450	1500
	H	mm	2350	2500	2620	2900
Motor	KW	5.5	7.5	11	15	18.5



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YB32 SERIES

Specification >



YP series

Table single column hydraulic press machines



Table single column hydraulic

TYPE			Y30-16C	Y30-16C	Y30-25C	YP-6.3	YP-10	YP-6.3	YP-10C
Nominal capacity		KN	100	1630	250	63	100	63	100
Max.stroke		mm	200	250	300	150	180	150	180
Open H.		mm	350	400	450	250	320	250	320
Deep throat		mm	180	200	240	150	160	150	160
Master cylinder idle down speed		mm/s	60	70	58	290	250	/	/
Master cylinder speed		mm/s	38	44	37	30	37	30	37
Master cylinder working speed		mm/s	203	201	201	240	250	240	250
Table size	F-B	mm	350	380	460	300	320	300	320
	L-R	mm	450	500	520	450	500	450	500
Slide size	F-B	mm	250	280	320	/	/	/	/
	L-R	mm	450	500	520	450	500	450	500
Blanking size		mm	φ 100	φ 120	φ 150	φ 70	φ 9	φ 70	φ 90
模柄孔尺寸 Shank hole size		mm	/	/	/	φ32×60	φ36×60	φ32×60	φ36×60
電機功率 Motor		KW	4	5.5	5.5	1.75	3.7	1.75	3.7
外形尺寸 Overall dimension	前後 F-B	mm	840	900	1040	720	810	720	810
	左右 L-R	mm	630	680	750	580	700	580	700
	高 H	mm	170	1900	2050	1130	130	1130	1300



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YP SERIES

Specification >