

ADD:No.1,JindouRoad,NanguoxiRoad,Daliang,Shunde,Foshan,Guangdong

TEL: +86-139-2728-8266

Email: osd@guangduan.cn

Web: www.guangduanpresses.com



GUANGDONG
METAL
FORMING



GUANGDONG
METAL
FORMING

Concept & Culture >

ABOUT GUANGDONG METAL FORMING

Guangdong Metal Forming Machine Works Co., Ltd. is the largest manufacturing enterprise of forging equipment integrating professional design, research & development, manufacture and service in Southern China, a national backbone enterprise for manufacturing the forging equipment and a state-level high-tech enterprise. The enterprise has set up many scientific research institutions such as "Postdoctoral Scientific Research Station", "Guangdong Provincial Forging Equipment Engineering Technology Research & Development Center" and "Guangdong Provincial Key Laboratory for Metal Forming Processing and Forging Equipment Technology" and so on. Meanwhile, the enterprise has possessed the ability to research and develop sophisticated, high-speed and large-scale mechanical presses and hydraulic presses independently and it also has possessed the automation ability of surrounding supporting facilities.

The enterprise with a floor space of more than 200 thousand square meters, mainly manufactures more than 200 devices and possesses about 100 large-scale precision CNC devices including gear grinding machines, crankshaft grinding machines and devices for processing centers and so on, and equips the large-scale three-dimensional detector and laser detecting device. In addition, the enterprise takes the lead in passing ISO9001 quality management system certification in the domestic forging industry.

Taking "system management, exploiting innovation, elaborate manufacture and superior-quality service" as the tenet, the enterprise devotes itself to providing a large number of users with stable and reliable products and superior-quality and intimate services.



MILESTONES

1958 In 1958, "Daliang Hard-ware Repair Plant", the predecessor of "Guang-dong Metal Forming Mac-hine Works Co., Ltd." was founded.

1964 In 1964, J23 open type inclinable press was manufactured.



1978 In 1978, renamed as "Shunde - Metal Forming Machine Works"



1986 In 1986, YA28 four-column double-acting hydraulic press was manufactured.

1994 In 1994, JH21 open back power press was manufactured.



2004 In 2004, the enterprise M&A Wuzhou Metal Forming Machine Works.



2006 In 2006, STPP straight side double-point press was manufactured.



2007 In 2007, GP2 straight side double-point single-acting precision mechanical press was manufactured.



2008 In 2008, the three-dimensional automatic production line was developed successfully.

2009 In 2009, the enterprise was recognized as one of the "50 Back-bone Enterprises of Equipment Manufacturing of Guangdong Province".



2010

In 2010, GP4 straight side four-point single-acting precision mechanical press was manufactured.

In 2012, the new factory was built and the enterprise moved to the new factory wholly.

2012

In 2013, the "Guangdong Provincial Key Laboratory for Metal Forming Processing and Forging Equipment Technology" was constructed. Meanwhile, the enter-prise won the honorary title "National Machinery Indu-stry Advanced Group" in the same year.

2013



In 2014, the independent-type automatic transportation manipulator was developed successfully.

2014



CUSTOMERS



PROCESSING EQUIPMENT

Robot automatic welding workshop

Large-scale welding robot

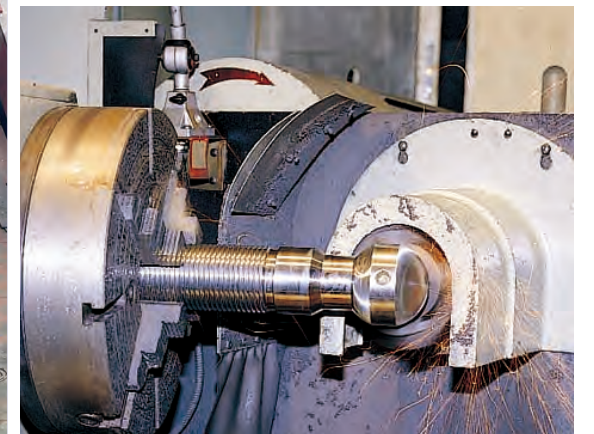
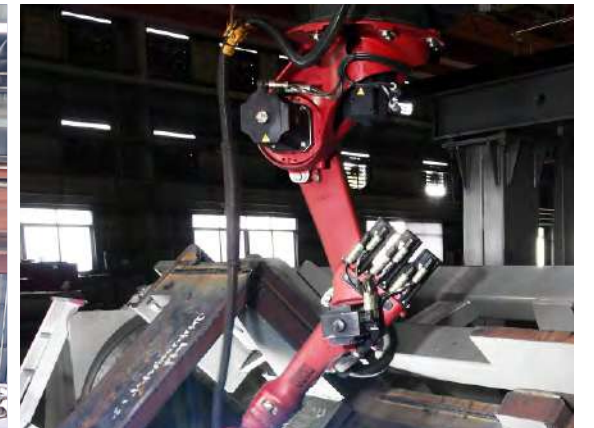
Precision
components
assembly
workshop

Large-scale precision CNC vertical lathe

Italian three-
dimensional
detector

Precision CNC floor-type boring and
milling machine

Large-scale
precision gantry
machining
center



AFTER SALES SERVICE

Three guarantees

Lifelong service

4-hours Response

24-hour service

Service hotline: +86 139-2728-8266

Products paper



GP2 STRAIGHT SIDE TWO-POINT
SINGLE-ACTING PRECISION
MECHANICAL PRESS



Specification	Unit	GP2-400		GP2-500		GP2-630			GP2-800		GP2-1000		GP2-1250		GP2-1600
Slide stroke	mm	400		600	800	500	600	800	550	800	650	600	550	700	600
Strokes per minute	spm	15~25	15~28	15~25	10~20	15~25	15~25	10~20	10~18	10~20	10~18	15~28	12~22	10~16	11~18
Slide size (LR)	mm	3000	3450	3800	4000	3600	3800	4000	4500	4000	4500	6000	5000	6000	5500
Slide size (FB)	mm	1400	1600	1800	2000	1500	2000	2000	2000	1800	1800	1700	1800	1800	1800
Die height (Min.–Max.)	mm	600	500	600	600	600	600	600	800	800	450	600	650	700	700~1300
		800	1000	1200	1200	900	1200	1200	1200	1200	1000	1000	1200	1300	
Movable bolster size (LR)	mm	3000	3450	3800	4000	3600	3800	4000	4500	4000	4500	6000	5000	6000	5500
Movable bolster size (FB)	mm	1400	1600	1800	2000	1500	2000	2000	2000	1800	1800	1700	1800	1800	1800

GP4 STRAIGHT SIDE FOUR-POINT
SINGLE-ACTING PRECISION
MECHANICAL PRESS



Specification	Unit	GP4-630	GP4-800	GP4-1000	GP4-1000	GP4-1250	GP4-1600	GP4-2000
Slide stroke	mm	600	700	800	1000	800	1000	800
Strokes per minute	spm	13-18	10-18	10-16	10-16	9-20	10-16	9-15
Slide size (LRx FB)	mm	4000×2000	4000×2200	4000×2200	4200×2200	6000×2500	5200×2500	5500×2500
Die height (Min.-Max.)	mm	600-1200	700-1300	650-1300	700-1400	650-1400	700-1400	800-1500
Movable bolster size (LRx FB)	mm	4000×2000	4000×2200	4000×2200	4200×2200	6000×2500	5200×2500	5500×2500

GD2 SERIES STRAIGHT SIDE
DOUBLE-POINT MULTI-STATION PRESS



Specification		Unit	GD2-300	GD2-400	GD2-500	GD2-600	GD2-800	GD2-1000
Slide stroke		mm	280	300	300	320	350	350
Strokes per minute		SPM	18~35	18~35	18~35	18~35	15~ 30	15~ 30
Die height (Min.-Max.)		mm	480-600	560-700	560-700	600-800	700-900	700-900
Bolster size	LR	mm	3300	3300	3500	3600	3800	4000
	FB	mm	1200	1300	1400	1500	1600	1700
Slide size	LR	mm	3100	3100	3300	3400	3600	3800
	FB	mm	1100	1200	1300	1400	1500	1600
Side hole size	UD	mm	630	670	670	720	850	850
	FB	mm	1100	1200	1300	1400	1550	1650

G2L STRAIGHT SIDE
DOUBLE-POINT LINK-MOTION PRESS



Specification		Model	G2L-160		G2L-200		G2L-250		G2L-300		G2L-350		G2L-400		G2L-500		G2L-600
Technical specification		Unit	1	2	1	2	1	2	1	2	1	2	1	2	1	2	
Slide stroke		mm	130	200	150	250	170	250	170	250	170	280	170	300	170	320	320
Strokes per minute		spm	40-85	30-55	35-70	25-45	30-55	20-35	30-55	20-35	30-50	20-35	25-45	20-35	20-40	15-30	15-30
Die height (Min.-Max.)		mm	300-400	350-450	340-450	390-500	390-500	440-550	430-550	480-600	430-550	480-600	460-600	510-650	510-650	560-700	660-800
Side hole size	FB	mm	780		760		900		1000		1020		1000		1000		1200
	UD	mm	480		480		520		610		610		610		640		680
Bolster size	FB	mm	760		840		920		1000		1100		1200		1300		1300
	LR	mm	1860		2200		2400		2500		2700		3200		3200		3200
Slide size	FB	mm	580		750		820		900		1000		1100		1200		1200
	LR	mm	1500		1900		2100		2200		2400		3000		3000		3000

STPP SERIES STRAIGHT SIDE
DOUBLE-POINT PRESS



JH25 SERIES OPEN-BACK
DOUBLE-POINT PRESS



Specification		Unit	STPP-160	STPP-250	STPP-300	STPP-350	STPP-400	STPP-400K	STPP-500	STPP-600
Slide stroke		mm	200	250	250	280	300	300	320	320
Strokes per minute		spm	30-55	25-45	20-35	20-35	20-35	20-35	15-30	15-30
Die height (Min.-Max.)		mm	350-450	390-500	430-550	480-600	460-600	560-700	660-800	600-800
Side hole size	FB	mm	760	920	1200	1200	1200	1200	1200	1200
	UD	mm	480	480	610	620	610	660	680	680
Bolster size	FB	mm	800	840	1000	1100	1100	1200	1300	1300
	LR	mm	1860	2200	2500	2700	2700	3000	3200	3400
Slide size	FB	mm	700	750	900	1000	1000	1100	1200	1200
	LR	mm	1800	1900	2200	2400	2400	2800	3000	3200

Specification		Unit	JH25-110	JH25-160	JH25-200	JH25-250	JH25-300
Slide stroke		mm	180	200	250	280	280
Strokes per minute(adjustable)		spm	35-65	30-55	25-45	20-35	20-35
Die height (Min.-Max.)		mm	310~400	350~450	390~500	430~550	430~550
Throat depth		mm	350	390	430	470	470
Bolster size (FBxLR)		mm	680x1880	760x2040	840x2420	920x2700	920x2700
Slide size (FBxLR)		mm	520x1420	580x1500	650x1850	700x2100	700x2100

JH21 SERIES
OPEN-BACK POWER PRESS



Specification	Unit	JH21-25	JH21-45	JH21-63	JH21-80	JH21-110	JH21-125	JH21-160	JH21-200	JH21-250	JH21-300	JH21-400
Slide stroke	mm	80	120	140	140	180	160	200	250	250	250	250
Strokes per minuter(adjustable)	spm	50-100	45-90	45-85	45-75	35-65	35-65	30-55	25-45	25-40	25-40	20-35
Die height (Min.-Max.)	mm	200-250	210-270	230-300	230-320	260-350	300-350	300-400	370-470	390-500	390-500	430-550
Throat depth	mm	210	225	270	290	350	350	390	430	475	475	490
Bolster size (FBxLR)	mm	400x700	440x810	520x870	560x1000	680x1100	680x1100	760x1300	840x1400	930x1500	930x1500	950x1800
Slide size (FBxLR)	mm	250x360	340x410	400x480	450x560	520x630	540x670	600x760	650x860	700x930	700x930	750x1200

JH21DP SERIES OPEN-BACK
DEEP DRAWING POWER PRESS



Specification	Unit	JH21DP-45	JH21DP-63	JH21DP-80	JH21DP-110
Slide stroke	mm	230	250	260	280
Strokes per minuter(adjustable)	spm	45~80	45~70	45~65	35~60
Die height (Min.-Max.)	mm	320~380	310~380	310~400	310~400
Throat depth	mm	225	270	290	350
Bolster size (FBxLR)	mm	440 X 810	520 X 870	560 X 1000	680 X 1100
Slide size (FBxLR)	mm	340 X 410	400 X 480	450 X 560	520 X 630

SSP SERIES FAST CLOSED-BACK
HIGH-PERFORMANCE PRESS



Specification	Model	SSP-25		SSP-45		SSP-63		SSP-80		SSP-110		SSP-160		SSP-200	
	Unit	H	S	H	S	H	S	H	S	H	S	H	S	H	S
Slide stroke	mm	40	70	55	80	55	90	60	100	70	110	80	130	90	150
Strokes per minute (adjustable)	spm	90 ~ 180	70 ~ 140	85 ~ 170	65 ~ 130	80 ~ 160	60 ~ 120	75 ~ 150	55 ~ 125	65 ~ 135	50 ~ 110	55 ~ 110	40 ~ 85	45 ~ 90	35 ~ 70
Die height (Min.~Max.)	mm	180-230		185-245		200-270		210-300		230-320		250-350		300-400	
Bolster size (FBxLR)	mm	360*640		400*740		460*800		520*950		600*1000		680*1200		750*1250	
Slide size	mm	320*480		360*560		400*620		460*700		520*800		600*900		650*1000	
Side hole size	mm	300*280		320*310		380*330		400*360		440*380		560*420		600*500	

SSP(L) SERIES STRAIGHT-SIDE
HIGH-CAPACITY PRESS



Specification	Model	SSP-110L	SSP-160L	SSP-200L	SSP-250L	SSP-300L
Slide stroke	mm	180	200	250	250	250
Strokes per minute (adjustable)	spm	35 ~ 65	30 ~ 55	25 ~ 45	25 ~ 40	25 ~ 40
Die height (Min.~Max.)	mm	260 ~ 350	300 ~ 400	370 ~ 470	390 ~ 500	390 ~ 500
Side hole size	FB	mm	550	600	650	650
	UD	mm	520	620	690	720
Bolster size	LR	mm	950	1150	1250	1300
	FB	mm	680	760	840	930
Slide size	LR	mm	630	760	860	930
	FB	mm	520	600	650	700

GPS SERIES SERVO CLOSED-BACK
SINGLE POINT PRECISION PRESS



Specification		Unit	GPS-110	GPS-160	GPS-200	GPS-250	GPS-300
Slide stroke (adjustable)		mm	180	200	200	250	300
Strokes per minute (adjustable)		SPM	50	45	45	40	40
Maximum die height		mm	400	450	450	500	550
Shut height adjustment		mm	90	100	100	110	110
Bolster size	LR	mm	1000	1200	1200	1350	1450
	FB	mm	680	760	760	950	1050
Slide size	LR	mm	780	900	900	1050	1200
	FB	mm	520	600	600	700	800

GKS SERIES
SERVO KNUCKLE PRESS



Specification		Unit	GKS-400	GKS-630	GKS-800
Slide stroke (adjustable)		mm	200	200	200
Strokes per minute (adjustable)		SPM	35	25	25
Maximum die height		mm	500	600	700
Shut height adjustment		mm	15	15	15
Bolster size	LR	mm	700	680	800
	FB	mm	700	800	900
Slide size	LR	mm	530	530	600
	FB	mm	540	540	700

JH31 SERIES STRAIGHT SIDE SINGLE POINT PRESS



Specification		Unit	JH31-300	JH31-400	JH31-630	JH31-800	JH31-1000	JH31-300B	JH31-400B	JH31-630B
Slide stroke		mm	100	110	130	160	180	100	100	120
Strokes per minute		spm	45	40	38	25~35	20~25	45	40	25~38
Die height		mm	300~380	320~400	330~420	400~500	500~600	280~360	370~450	470~550
Bolster size	LR	mm	520	635	750	1000	1300	900	1000	1400
	FB	mm	520	650	750	900	1200	600	850	1300
Slide size	LR	mm	420	500	600	780	1100	800	850	1250
	FB	mm	420	450	650	750	1100	600	650	1100
Side hole size	FB	mm	200	260	560	600	600	300	400	800
	UD	mm	320	400	420	400	600	250	400	400

GPA SERIES OPEN-BACK POWER PRESS



Specification		Unit	GPA-25		GPA-45		GPA-60		GPA-80		GPA-110		GPA-160		GPA-200		GPA-260	
Type			V	H	V	H	V	H	V	H	V	H	V	H	V	H	V	H
Slide stroke		mm	60	30	80	50	120	60	150	70	180	80	200	90	200	100	250	150
Strokes per minute		spm	60~140	130~200	40~100	110~150	35~90	80~120	35~80	80~120	30~60	60~90	20~50	40~70	20~50	50~70	20~40	40~50
Die height		mm	150~200	165~215	190~250	205~265	235~310	265~340	260~340	300~380	280~360	330~410	360~460	410~510	350~460	400~510	380~500	430~550
Throat depth		mm	155		225		255		280		305		405		415		430	
Bolster size	LR	mm	680		850		900		1000		1150		1250		1400		1500	
	FB	mm	300		440		500		550		600		800		820		840	
Slide size	LR	mm	300		400		500		560		650		700		850		950	
	FB	mm	220		300		360		420		470		550		630		700	

YA28 SERIES FOUR-COLUMN DOUBLE-ACTION HYDRAULIC PRESS



Specification		Unit	YA28-275	GYA28-425	GYA28-500	YA28-700	YA28-900	YA28-1200
Main cylinder capacity		kN	1750	2750	3000	4500	6000	8000
Bottom cylinder capacity		kN	1000	1500	2000	2500	3000	4000
Main cylinder stroke		mm	560	620	620	710	710	800
Bottom cylinder stroke		mm	300	300	350	350	350	350
Bolster area	LR	mm	1000	1120	1250	1400	1400	1600
	FB	mm	1120	1250	1400	1600	1600	1600
Maximum opening height		mm	1000	1200	1250	1300	1300	1300

Y28 SERIES FOUR-COLUMN DOUBLE-ACTION HYDRAULIC PRESS



Specification		Unit	YH28-100	Y28-120B	YH28-150	YH28-200	Y28-200	Y28-350	Y28-450	Y28-700
Main cylinder capacity		kN	650	780	1000	1500	1500	2500	3000	4500
Bottom cylinder capacity		kN	350	420	500	600	600	1000	1500	2500
Main cylinder stroke		mm	450	420	520	580	560	600	620	710
Bottom cylinder stroke		mm	220	200	250	300	300	300	300	350
Bolster area	LR	mm	600	498	700	790	790	860	950	1070
	FB	mm	630	600	800	915	915	1008	1100	1200
Maximum opening height		mm	780	780	870	980	960	1110	1140	1300

GY4S SERIES FOUR-COLUMN
FAST SPEED HYDRAULIC PRESS



Specification		Unit	GY4-200	GY4-315	GY4-400	GY4-500	GY4S-200	GY4S-315	GY4S-400	GY4S-500
Main cylinder capacity		kN	2000	3150	4000	5000	2000	3150	4000	5000
Main cylinder stroke		mm	160	160	160	250	200	160	200	250
Maximum opening height		mm	450	480	480	550	450	480	450	550
Bolster size	LR	mm	650	650	680	700	680	650	680	700
	FB	mm	500	550	600	620	600	550	600	620

GY2S SERIES FRAME-TYPE HIGH-SPEED
SERVO HYDRAULIC PRESS



Specification		Unit	GY2S-300	GY2S-400	GY2S-500	GY2S-800	GY2S-1000	GY2S-1250	GY2S-1600	GY2S-2000
Main cylinder capacity		KN	3000	4000	5000	8000	10000	12500	16000	20000
Main cylinder stroke		mm	600	600	700	800	1200	1200	1500	1500
cushion capacity		KN	1000	1500	2000	3000	4000	4000	5000	5000
cushion stroke		mm	300	300	300	300	400	400	400	400
Maximum opening height		mm	1000	1000	1200	1200	1600	1600	2000	2000
Bolster size	LR	mm	1300	2000	3000	3500	4000	4500	4600	5000
	FB	mm	1100	1200	2000	2000	2200	2500	2600	2800

GRT SERIES STRAIGHT SIDE
HIGH-SPEED PRECISION PRESS



Specification		Unit	GRT-65	GRT-85	GRT-125	GRT-150	GRT-200	GRT-220	GRT-300	GRT-350	GRT-400	GRT-450
Slide stroke		mm	30	30	30	30	30	30	30	30	30 \ 40 \ 50	30 \ 40 \ 50
Strokes per minute		spm	200~800	200~700	150~700	150~600	150~600	150~600	150~400	150~350	150~350	150~300
Die height (Min.-Max.)		mm	300~350	330~380	360~410	360~410	370~420	370~420	400~450	400~450	450~500	450~500
Bolster size	LR	mm	950	1100	1200	1400	1700	1900	2200	2400	2800	3000
	FB	mm	650	750	850	850	950	1000	1000	1000	1200	1200
Slide size	LR	mm	950	1100	1200	1300	1700	1900	2100	2400	2700	3000
	FB	mm	420	500	600	600	700	750	900	900	1100	1100
Frame side opening width		mm	250	320	400	400	400	460	510	510	610	650

GRC SERIES OPEN FRONT
HIGH-SPEED PRECISION PRESS



Model	Unit	GRC-25					GRC-45			
Slide stroke	mm	15	20	25	30	35	25	30	40	50
Strokes per minute	spm	200~1000	200~800	200~800	200~800	200~700	200~800	200~700	200~600	200~500
Die height (Min.-Max.)	mm	188~218	185~215	183~213	180~210	178~208	203~238	200~235	195~230	190~225
Bolster size	mm	605 X 313 X 73					728 X 449 X 95			
Slide size	mm	320 X 220					430 X 320			

Model	Unit	GRC-65				GRC-85			
Slide stroke	mm	30	40	50	60	30	40	50	60
Strokes per minute	spm	200~600	200~500	200~400	200~300	100~500	100~400	100~300	100~300
Die height (Min.-Max.)	mm	230~270	225~265	220~260	215~255	263~303	258~298	253~293	248~288
Bolster size	mm	900 X 523 X 120				1000 X 600 X 140			
Slide size	mm	550 X 370				600 X 400			

HFP SERIES PRECISION
HOT FORGING PRESS



Specification	Unit	HFP-400	HFP-630	HFP-800	HFP-1000	HFP-1600
Slide stroke	mm	175	200	220	250	320
Stroke per minute	spm	100	95	90	85	80
Effective stroke per minute	spm	18	18	18	16	16
Die height (Min.-Max.)	mm	280~290	280~290	340~350	420~430	390~400
Die size (Min.-Max.)	mm	780 X 840	880 X 880	1000 X 1000	1120 X 1050	1200 X 1200
Slide size	mm	595X 555	645X 695	820 X 720	950 X 800	1080 X 1040

GK SERIES KNUCKLE PRESS

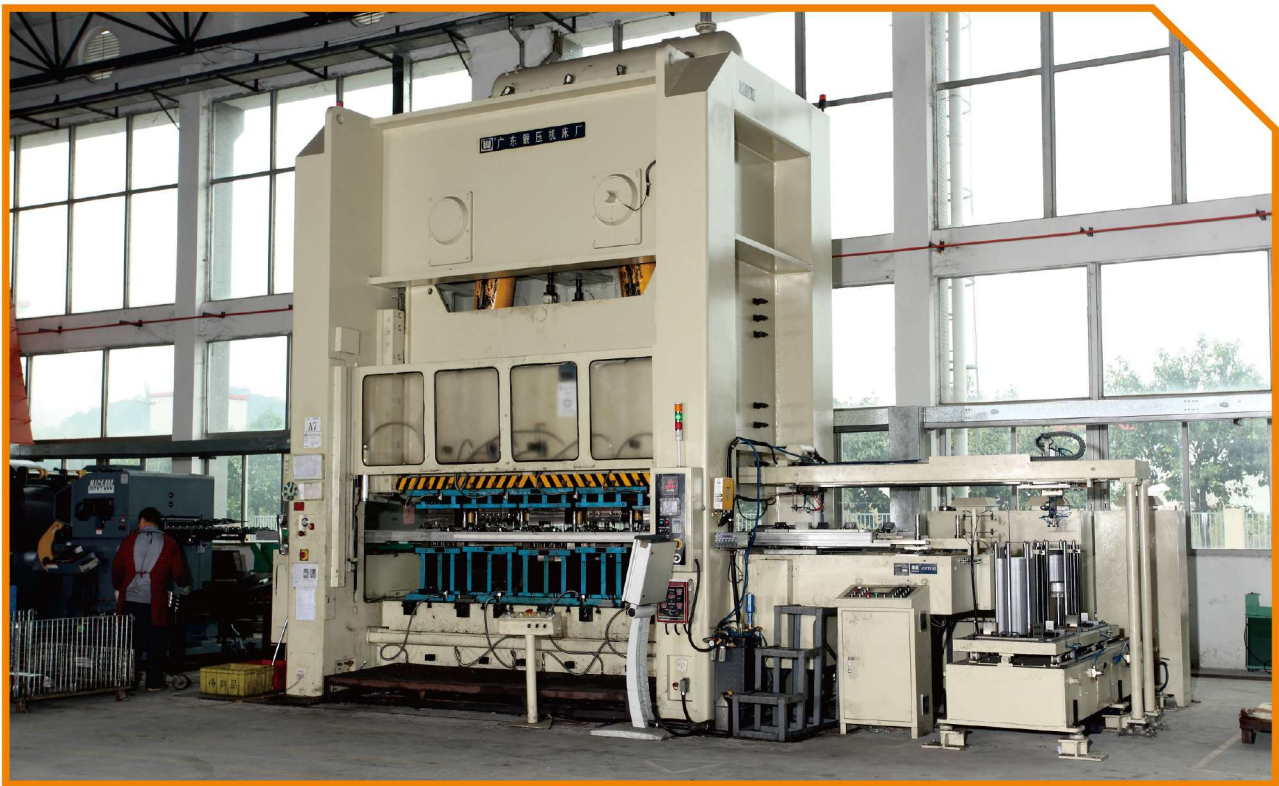


Specification	Unit	GK-400	GK-630	GK-800	GK-1000	GK-1200	GK-1600	GK-2500
Slide stroke	mm	200	220	180	250	250	200	200
Strokes per minute	spm	25~40	20~35	35	20~30	20~30	25	30
Die height (Min.-Max.)	mm	485~500	585~600	585~600	585~600	585~600	585~600	580~600
Bolster size	LR	mm	700	800	700	1200	1200	1000
	FB	mm	680	700	800	1000	1000	1150
Slide size	LR	mm	700	800	600	1020	1020	850
	FB	mm	500	600	700	1000	900	900

CASE SHARING



Auto parts industry Connecting production of GP2 series press



Auto parts industry GP4-800 closed four-point blanking line (speed 15-60SPM)

Auto parts industry G2L-600 two-point multi-link press with 3D automatic feeding line



Auto parts industry GP2-1000 two-point press with 3D automatic feeding line

