

## Performance Feature

1. With High rigidity rack design, they are welded with the use of high-quality steel plates, through relieving of internal stresses, so that stability and reliability and reliability of the whole machine in precision are enhanced.
2. Consistent driving center and machine center to guarantee accurate and stable punching
3. In order to guarantee relative stationarity of machine operation, it is necessary to balance two balancers.
4. Moulding-adjustment precision is as high as 0.1mm, safe, speedy, and reliable.
5. Through hard oxidation and grinding, such parts as bent axles, gear sets, and connecting rods possess higher combination property and tolerance.
6. Adopt highly sensitive and reliable clutch/brake and internationally top duplex, to guarantee precision and safety for operation and stop of press rams.
7. Machine's structural design shall be reasonable, for the convenience of realizing automatic production, reducing cost, and improving efficiency.
8. Possess advanced design concepts, low noise, low consumption, and energy saving.

Technical parameters									
Name		APA-15	APA-25A	APA-25		APA-35		APA-45	
Model		V type	V type	V type	H type	V type	H type	V type	H type
Capacity	Ton	15	25	25		35		45	
Rated tonnage point	mm	1	3.2	3.2	1.6	3.2	1.6	3.2	1.6
Speed changing	s.p.m	120-180	60-140	60-140	130-200	40-120	110-180	40-100	100-150
Stable speed	s.p.m	130	110	110		85		75	
Stroke	mm	60	80	60	30	70	40	80	50
Die height	mm	200	195	200	215	220	235	250	265
Slide adjustment	mm	50	50	50		55		60	
Slide area	mm	300x230x50	300x230x50	300x230x50		300x230x50		400x300x60	
Bolster area	mm	680x300x70	680x300x65	680x330x70		800x400x70		850x440x80	
Shank hole	mm	Φ38.1	Φ38.1	Φ38.1		Φ38.1		Φ38.1	
Main motor	kw.p	2.2x6	3.7x4	3.7x4		3.7x4		5.5x4	
Slide adjust device	HP	Manual operation							
Air pressure	kg/cm	6	6	6		6		6	
Presses precision		GB(JIS)1class	GB(JIS)1class	GB(JIS)1class		GB(JIS)1class		GB(JIS)1class	
Presses dimension		1236x830x1920	280x850x2200	1280x850x2200		1380x900x2400		1575x950x2500	
Presses weight	mm	1.8	2.1	2.1		3		3	
Die cushion capacity	Tons	~	~	~		2.3		2.3	
Stroke	mm	~	~	~		50		50	
Die cushion effective area	mm <sup>2</sup>	~	~	~		300x230		300x230	

Name		APA-60		APA-80		APA-110		APA-160	
Model		V type	H type	V type	H type	V type	H type	V type	H type
Capacity	Ton	60		80		110		160	
Rated tonnage point	mm	4	2	4	2	6	3	6	3
Speed changing	s.p.m	35-60	80-120	35-80	80-120	30-60	60-90	20-50	40-70
Stable speed	s.p.m	65		65		50		35	
Stroke	mm	120	60	150	70	180	80	200	90
Die height	mm	310	340	340	380	360	410	460	510
Slide adjustment	mm	75		80		80		100	
Slide area	mm	500x360x70		560x420x70		650x470x80		700x550x90	
Bolster area	mm	900x500x80		1000x550x90		1150x600x110		1250x800x140	
Shank hole	mm	Φ50		Φ50		Φ50		Φ65	
Main motor	kw.p	5.5x4		7.5x4		11x4		15x4	
Slide adjust device	HP	Manual operation							
Air pressure	kg/cm	6		6		6		6	
Presses precision		GB(JIS)1class		GB(JIS)1class		GB(JIS)1class		GB(JIS)1class	
Presses dimension		1595x1000x2800		1800x1180x2980		1900x1300x3200		2315x1400x3670	
Presses weight	mm	5.6		6.5		9.6		16	
Die cushion capacity	Tons	3.6		3.6		6.3		10	
Stroke	mm	70		70		80		80	
Die cushion effective area	mm <sup>2</sup>	350x300		450x310		500x350		650x420	

Name		APA-200		APA-260		APA-315	
Model		V type	H type	V type	H type	V type	H type
Capacity	Ton	200		260		315	
Rated tonnage point	mm	6	3	7	3.5	7	3.5
Speed changing	s.p.m	20-50	50-70	20-40	40-50	20-35	35-50
Stable speed	s.p.m	35		30		30	
Stroke	mm	200	100	250	150	280	170
Die height	mm	460	510	500	550	550	600
Slide adjustment	mm	110		120		120	
Slide area	mm	850x630x90		950x840x100		1130x750x110	
Bolster area	mm	1400x820x160		1500x840x180		1600x900x200	
Shank hole	mm	Φ65		Φ65		Φ65	
Main motor	kw.p	18x4		22x4		30x4	
Slide adjust device	HP	Manual operation					
Air pressure	kg/cm	6		6		6	
Presses precision		GB(JIS)1class		GB(JIS)1class		GB(JIS)1class	
Presses dimension		2615x1390x4075		2780x1850x4470		2870x1980x4830	
Presses weight	mm	23		32		36	
Die cushion capacity	Tons	14		14		14	
Stroke	mm	100		100		100	
Die cushion effective area	mm <sup>2</sup>	710x480		810x480		810x480	