



IWASHI AUTOMATION

Washer Machine Punching Machine

Standard Unit

- Hydraulic over-load protector
- Manual slide adjust device (60b)
- Automatic slide adjust device(apa60b or more)
- Main motor (adjustable)
- Die height indicator (60b)
- Automatic die height indicator (60b or more)
- Balance device
- Rotary cam switch
- Crank angle indicator
- Electrical stroke counter
- Air source receptacle
- Against over-run safety device
- Air ejector

► Optional

- Automatic lubrication system	-Photo-electronic safety device
-Pneumatic die cushion device	-Feeder
-Foot switch	-Uncoiler
-Fost mdd change device (Die lifter, clamp and die arm sepjes)	-Leveler
	-Robot hand
-Slide knock-out device	-Die room light
-Misfeed detection consent	-Touch pad (preset .total counter)
-Power supply	
-Anti-vibration pad	-Electrical slide adjust device。 5-60T)

- The **advance** technical optimized structure design of machine
- The machine **body is welded high** quality **steel** sheet and treated by tension elimination
- The guide / **guide bar** of **key parts are treated by** hard chrome **plated** / nitrogen / rubbing **technology**
- **Adopted** well known controller/ driving equipment,hydraulic equipments / **gas** driving **parts** etc
- International technology **class** for **press machine,measures** machine **specification**



- **The machine body is welded of quality steel sheet and treated by tension elimination, improve stability and reliability of precision of the machine.**

- In order to guarantee the machine running in stable and smooth, adopts the design of symmetrical two slid boards with balancer.
- The precision of mold adjusting up to 0,1 mm, safety, reliable and convenient.
- Crank, gear, connect bar are oxidized hardening and milled, having super comprehensive mechanical performance and durable function.
- **Reasonable structural design**, is convenient for automatic production and line production,
- **Used** reliable high intensity clutch / **brake** and **twin electromagnetic valve**, overloading protector can guarantee safe production all-around.



The press machine are widely used for

manufacturing in the industries of aviation & **aerospace**, ship & vehicles, electric and electronic appliances, instruments and meters, medical facilities, **hardware etc**,

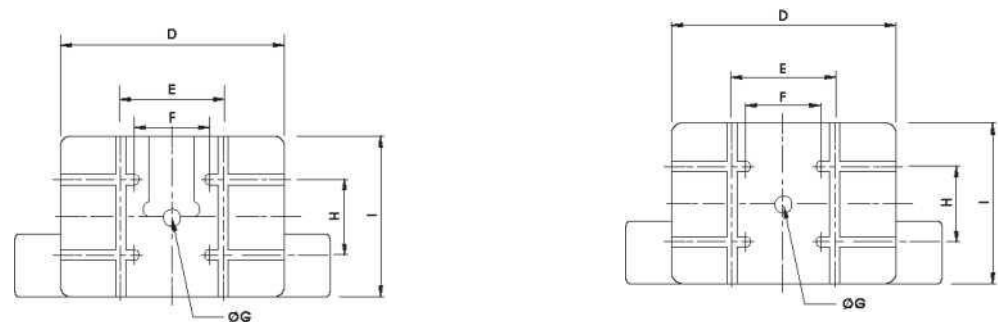


► Specification

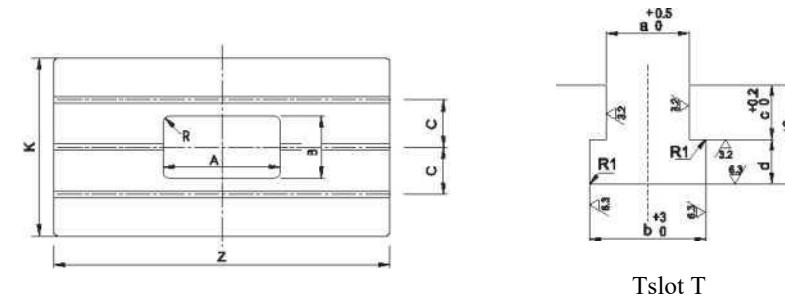
Specification	Unit	APA-15B	APA-25B	APA-35B	APA-45B
Model		V	V	H	s
Capacity	Ton	15	25	35	45
Rated tonnage point	mm	1	3.2	1.6	3.2
Speed changing	s.p.m	120-180	60-140	130-200	60-120
Stable speed	s.p.m	130	110	110	85
Stroke	mm	60	70	30	80
Die height	mm	200	195	215	195
Slide adjustment	mm	50	50	50	55
Slide area	mm	300x230x50	300x230x50	360x250x50	400x300x60
Bolster area	mm	680x300x70	680x300x70	680x300x65	800x400x70
Shank hole	mm	∅ 38.1	∅ 38.1	∅ 38.1	∅ 38.1
Main motor	kw.p	2.2*6	3.7x4	3.7x4	5.5x4
Slide adjust device	HP	manual operation			
Air pressure	kg/cm ²	6	6	6	6
Presses precision		GB/JIS1 class	GB/JIS1 class	GB/JIS1 class	GB/JIS 1 class
Presses dimension	mm	1236x820x1920	1280x850x2200	1380x900x2400	1600x950x2500
Presses weight	Ton	1.8	2.1	3	3.8
Die cushion capacity	Ton	-	-	2.3	2.3
Stroke	mm	-	-	50	50
Die cushion effective area	mm ²	-	-	300x230	300x230

APA-60B	APA-80B	APA-110B	APA-160B	APA-200B	APA-260B	APA-315
V	H	V	H	V	H	V
60	80	110	160	200	260	315
4	2	4	2	6	3	7
35-90	80-120	35-80	80-120	30-60	60-90	20-50
65	65	50	35	35	30	
120	60	150	70	180	80	200
310	340	340	380	360	410	460
75	80	80	100	110	120	120
500x360x70	560x420x70	650x470x80	700x550x90	850x630x90	950x700x100	950x700x120
900x500x80	1000*550x90	1150x600x110	1250x800*140	1400x820x160	1500x840x180	1600*900x180
∅ 50	∅ 50	∅ 50	∅ 65	∅ 65	∅ 65	
5.5x4	7.5x4	11x4	15x4	18.5x4	22x4	30x4
cleclrial driving						
6	6	6	6	6	6	6
GB/JIS 1 class	GB/JIS 1 class	GB/JIS 1 class	GB/JIS 1 class	GB/JIS 1 class	GB/JIS 1 class	GB/JIS 1 class
1600x1000x2800	1800x1180x2800	1900x1300x3200	2300x1400x3800	2615x1690x4075	2780x1850x4470	2980x2150x4500
5.6	6.5	9.6	16	23	32	35
3.6	3.6	6.3	10	14	14	14
70	70	80	80	100	100	100
350x300	450x310	500x350	650x420	710x480	810x480	810x480

► Upper Table



► Lower table



Model	A	B
a	18	22
b	30	37
c	18	24
d	12	16

Specification	APA-15B	APA-25B	APA-35B	APA-45B	APA-60B	APA-80B	APA-110B	APA-160B	APA-200B	APA-260B
A	240	240	280	300	320	360	400	440	480	520
B	120	120	140	150	160	180	200	220	240	260
C	90	90	120	120	150	150	160	220	230	280
D	300	300	360	400	500	560	650	700	850	950
E	-	-	-	-	220	300	300	300	420	420
F	150	150	160	210	220	220	220	175	200	200
G	38.1	38.1	38.1	38.1	50	50	50	65	65	65
H	80	80	100	120	160	180	220	220	300	300
I	230	230	250	340	360	420	470	550	630	700
Z	680	680	800	850	900	1000	1150	1250	1400	1500
K	300	300	400	440	500	550	600	800	820	840

► Graph

