



YHA3
SERIES

Tonnage:500ton
Effective area of working
table:650x700mm

SERVO COLD HOT FORGING HYDRAULIC PRESS

Main specification of YHA3

Item	Unit	Product Specifications					
		YHA3-100TS	YHA3-150TS	YHA3-200TS	YHA3-300TS	YHA3-500TS	
Max.Working pressure	Mpa	21	21	20	24	25	
Main cylinder force	kN	1000	1500	2000	3000	5000	
Max.Stroke of ram	mm	350	350	350	350	350	
Max.Open height	mm	550	550	600	700	900	
Lower cyinder nominal force	kN	150	200	300	300	400	
Max.stroke of cushion piston	mm	150	150	150	200	200	
Speed of ram	Down no load	mm/s	260	250	270	260	250
	Pressing	mm/s	10/25	10/20	10/15	8/15	8/15
	Return	mm/s	250	240	240	230	230
Effective area of working table	RL(column inside)	mm	550	550	550	550	650
	FB(edge)	mm	600	600	600	650	700
Overall dimension	L.R	mm	1550	1760	1830	2150	2250
	F.B	mm	1260	1260	1360	1550	1850
	H	mm	2580	2650	2750	3020	3550
Motor power	kW	7.5	7.5	11.6	16.4	24.5	
Total weight (Approx)	kg	4500	3400	3800	4500	7800	
Oil quantity (Approx)	L	350	350	400	450	500	

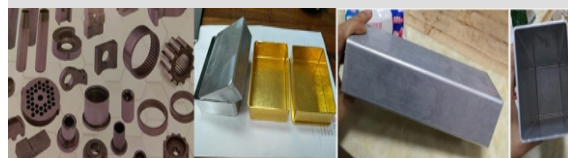
Applicable Scope

- ◆ Cold extrusion molding stamping forging for auto parts, LED heat sink and hardware tools, etc.
- ◆ Shallow stretching and molding for metal and nonmetal parts.

Technical Features

- ◆ With servo system, 60% energy will be saved, precision can reach to 0.02mm and speed is adjustable. It's accessible to have local language in the touch screen. 20 sets of data can be saved.
- ◆ Using Taiwan advanced hydraulic system, more steady, safer and more reliable.
- ◆ Pressure, stroke and pressure keeping can be adjusted according to processing requirement.
- ◆ Four columns are made of high-strength alloy steel with hard chrome plated surface and good abrasion resistance.
- ◆ The moving bolster and worktable are equipped with optional ejecting cylinder, which meets different ejecting requirements of different products.

Product sample



Main specification of YHA3

Unit	Product Specifications					
	YHA3-650TS	YHA3-800TS	YHA3-1000TS	YHA3-1500TS	YHA3-2000TS	YHA3-3000TS
Mpa	25	24	24	24	25	24/40
kN	6500	8000	10000	15000	20000	30000
mm	500	500	500	500	500	500
mm	1000	1000	1200	1400	1500	1500
kN	500	500	500	600	1000	1000
mm	200	200	200	200	200	200
mm/s	210	200	190	190	190	190
mm/s	8/16	8/16	8/16	7/9	6/8	4/6
mm/s	200	190	180	180	180	180
mm	750	850	1000	1200	1500	1500
mm	800	950	1060	1400	1500	1500
mm	2370	2550	2950	3500	3900	4200
mm	1800	1850	2200	2400	2600	2900
mm	3700	3950	4100	5250	5650	5850
kW	31	31	49.6	31*2	49.6*2	49.6*3
Ton	11500	13500	21000	25000	33000	42000
L	800	800	1000	1300	1500	1800