

# HIGH-SPEED INJECTION MOLDING MACHINE

## AP-250H





# High injection speed and response

High injection speed and response is helpful to complete the mold cavity fast with accuracy. The characteristics can avoid the molding defect and reduce the cycle time.

The new single cylinder injection structure in AP series has the advantage over double cylinder injection structure. Avoid the asynchronous of balance problem, the new single cylinder injection structure design is more compact and stable to suit high injection speed molding.



## Mold

- Mold is designed for thin-wall product and high injection speed molding with hot runner and specially designed cooling circuit.
- Vacuum label absorbing structure enables the label feeding stably and without any mark.

## Microcomputer controller

## Mechanical illustration of remote monitor system AP-3000

ITME	UNITS	AP-110H			AP-150H			AP-200H			AP-250H			AP-300H			AP-350H			AP-450H		
Screw diameter	mm	28	32	34	34	38	42	40	44	48	40	44	48	50	55	60	50	55	60	60	66	72
Injection pressure	kgf/cm <sup>2</sup>	2890	2210	1960	2950	2360	1930	2780	2300	1930	2780	2300	1930	2860	2360	2360	1990	2860	2360	1990	2370	1650
Shot weight of injection(PS)	gram	84	110	124	149	186	227	229	277	329	229	277	329	446	540	643	446	540	643	771	933	1111
Mold clamping force	tonf	110			150			200			250			300			350			450		
Mold clamping strokes	mm	370			420			470			500			550			645			730		
Mold thickness	mm	150-450			150-500			150-600			200-580			220-600			190-790			250-800		
Distance between tie bars	mm	410x410			460x460			510x510			560x560			610x610			680x680			760x760		



**APEX-PLAS<sup>®</sup> INDUSTRIAL CO., LTD.**

11F-1, No.393, Fuxing Rd., Taoyuan City, Taoyuan County 33066, Taiwan  
Tel : +886-3-3319116 Fax : +886-3-3319339

www.apexplas.com  
E-mail : ap@apexplas.com