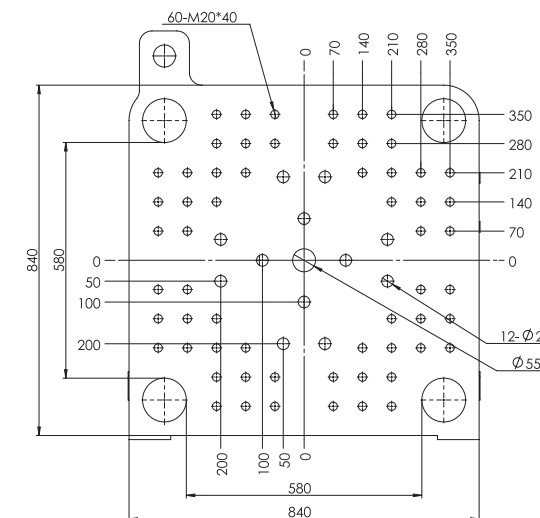
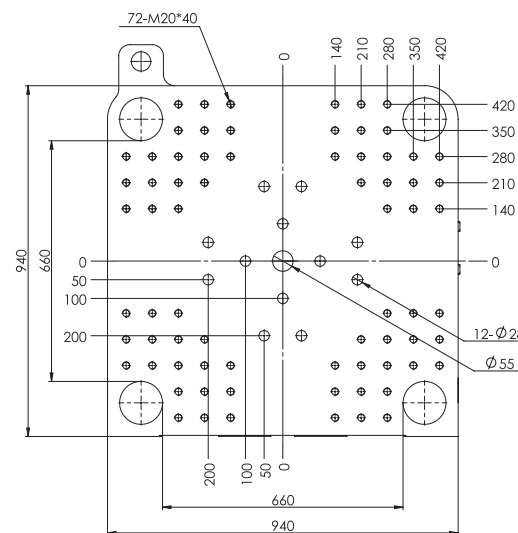
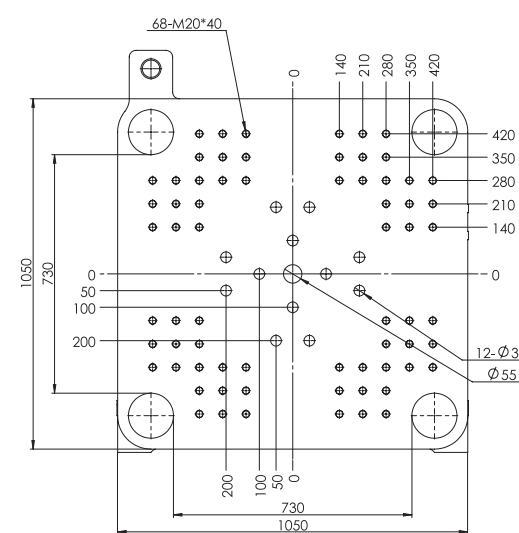
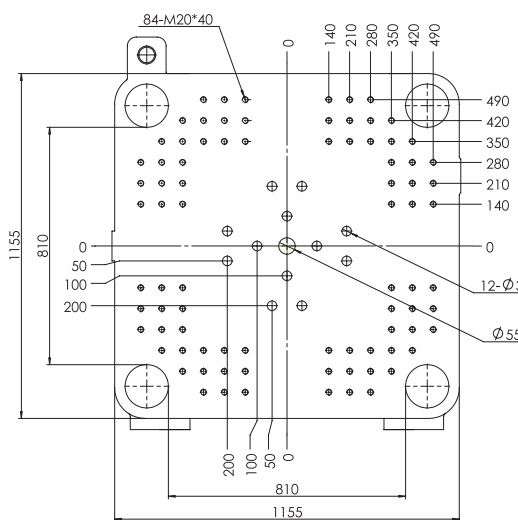
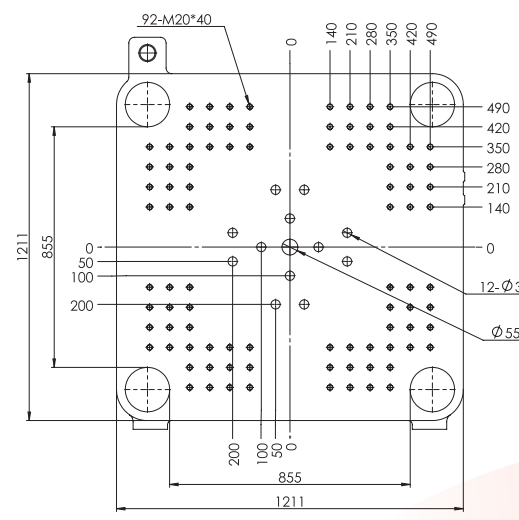


JM268-C²JM328-C²JM408-C²JM488-C²JM568-C²

Injection Unit	Unit	JM268-C ²	JM328-C ²	JM408-C ²	JM488-C ²	JM568-C ²
Swept Volume	cm ³	584 777 969	904 1128 1413	1216 1542 1866	1767 2164 2544	1767 2164 2544
Shot Weight (PS)	g	537 715 891	832 1038 1300	1119 1402 1717	1625 1990 2340	1625 1990 2340
	oz	18.9 25.2 31.4	29.3 36.6 45.8	39.5 49.5 60.6	57.3 70 82.5	57.3 70 82.5
Screw Diameter	mm	52 60 67	60 67 75	67 75 83	75 83 90	75 83 90
Injection Pressure (max.)	Kgf/cm ²	2295 1724 1387	2224 1785 1428	2203 1765 1438	2132 1734 1479	2132 1734 1479
Screw L/D Ratio	mm/mm	24.2 21 18.8	23.5 21 18.8	23.5 21 19	23.2 21 19.4	23.2 21 19.4
Plasticizing Rate	g/s	31.7 43.2 59.1	39.6 54.2 71.7	49.3 68.6 84.0	71.7 92.4 119.6	71.7 92.4 119.6
Injection Rate	g/s	175 233 290	222 277 347	264 330 405	342 419 492	342 419 492
Screw Stroke	mm	275	320	345	400	400
Screw Rotation Speed (max.)	rpm	180	165	150	165	165
Clamping Unit						
Clamping Force (max.)	t	268	328	408	488	568
Opening Stroke	mm	530	600	670	770	835
Space Between Tie Bars (HxV)	mm x mm	580 x 580	660 x 660	730 x 730	810 x 810	855 x 855
Maximum Daylight	mm	1130	1260	1420	1590	1685
Mould Thickness (Min-Max)	mm	195-600	220-660	250-750	275-820	330-850
Ejector Stroke	mm	170	180	195	220	220
Ejector Force (max.)	t	7.7	7.7	11.1	11.1	11.1
Power / Heating Unit						
System Pressure	Kgf/cm ²	178	178	178	178	178
Pump Motor	kW	30	30	37	45	45
Electrical Heating Power	kW	18.3	20	21.6	30	30
Temperature Control Zones		5	5	5	5	5
Other						
Dry Cycle Time	s	2.8	3.2	3.5	3.8	4
Oil Tank Capacity	liter	430	525	600	800	800
Machine Dimensions (LxWxH)	m x m x m	5.9 x 1.5 x 2.2	6.4 x 1.6 x 2.3	7.3 x 1.7 x 2.5	8.1 x 1.9 x 2.3	8.6 x 2.0 x 2.3
Machine Weight (approx.)	t	7.5	9.8	12.8	16.8	18.2

*The technical parameters above are for reference only and discrepancies may arise in different circumstances. The company keeps upgrading the products and reserves the right to change the product specifications and parameters without prior notice. The final interpretation to the specifications and parameters belongs to the company.



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Hand in Hand Over 50 Years

JETMASTER C² Series
Injection Moulding Machines from 268 to 568 tons

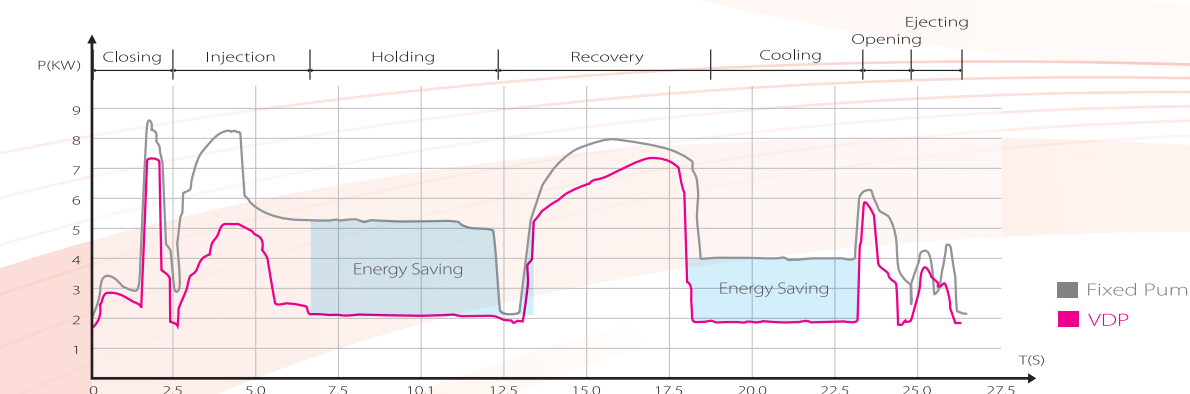
**Your Precision
Energy Saver**

JETMASTER C² Series

The JETMASTER C² series Energy-Saving Injection moulding machine combines Chen Hsong's 55-year experience in machine design with unmatched VDP energy-saving technology, further tuned and optimized by world-leading hydraulic experts, into a highly efficient, energy-saving, high speed and high precision package. A new, high-powered injection unit enables higher injection speed, plus a special-design high-speed barrier screw that yields substantially better product quality while significantly shortening cycle time.

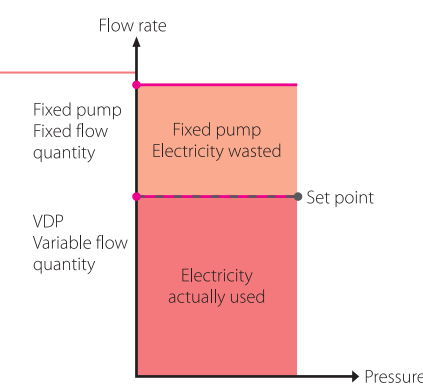
Energy Saving

The optimized hydraulics offered by Chen Hsong employs a load-sensitive VDP (variable displacement pump) with fast responses to deliver the appropriate amount of power that matches actual requirements of the process. Compared with ordinary fixed-pump technology, VDP technology has no energy loss due to draining of excess hydraulic fluid, resulting in electricity savings of 30-50%*. Heat generation in the hydraulic system is also greatly alleviated, reducing cooling needs by 33%* or more, thus achieving cost savings in more ways than one.



Electricity consumption of VDP and fixed pump

Only world-class hydraulic components (from suppliers such as Bosch Rexroth, Vickers, Yuken, Nachi, Manuli, Alfagomma etc.) are used for guaranteed reliability and dynamic response. Crucial hydraulic components are stress-tested to 280 bar for additional quality assurance.



Circular Platen*

Exclusive to Chen Hsong, the patented Circular Platen design is both aesthetically pleasing and functionally robust. It significantly enhances stress distribution, reduces chance of platen failure, lengthens mould life, and improves product quality. This design has been awarded the Chinese Patent No. ZL01257876.2.



Images of products are for your reference and subject to change without notice
*Subject to different product applications and cycle times



Ai-12 intelligent networkable computer controller

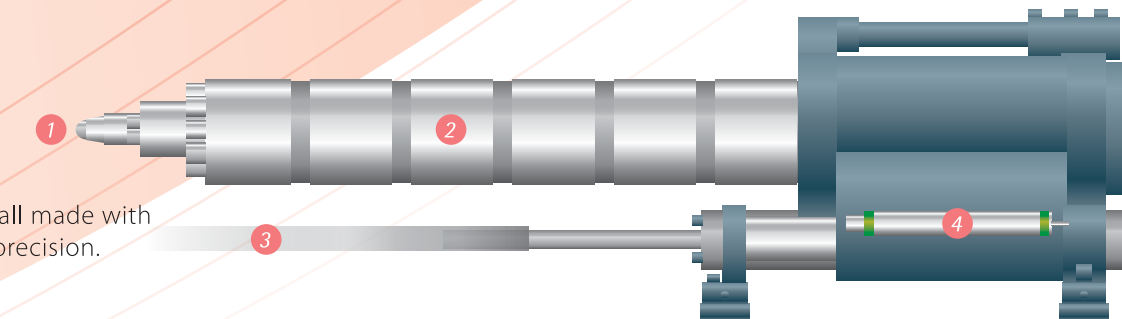
The Ai-12 is a high-performance, new-generation intelligent computer controller available exclusively from Chen Hsong. Designed in Japan and constructed with the latest SMT technology, it boasts fully compatibility with JIS standards, enhanced stability and ultimate reliability. This controller comes standard with multi-lingual interfaces, built-in networking, advanced intelligent diagnostics, and ability to retain data for over five years without external power.



Injection Unit

Advanced hydraulic circuit allows high-speed injection.

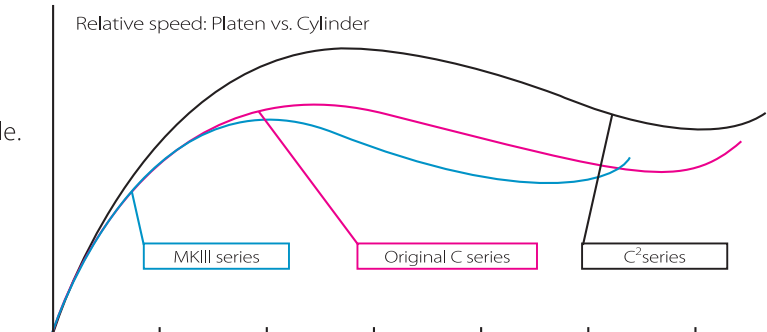
- 1 Interlocking head and valve design for superior wear-resistance; all made with high-quality Japanese SKD61 tool-grade steel for durability and precision.
- 2 Nitrided high-performance screw design.
- 3 Optimized injector cylinder ensures balance and alignment.
- 4 Linear potentiometer for injection control.



Clamping Unit

- Optimized five-point toggle design has the fastest clamping speed possible.
- Linear potentiometer for clamp positional and ejector control.
- With longer open stroke, handiness and smooth mould adjustment.

Clamping Speed Comparison with last-generation design



Cleanliness

Equipped with a high-performance oil-filter, hydraulic oil is repeatedly filtered and cleaned during normal machine operations, eventually reaching NAS8 (USA) standards (i.e. cleaner than new oil). Cleanliness of the hydraulic system is never an issue with the C2 series.

Low Noise

Unique noise-reduction technologies effectively reduce machine operating noise level to as low as 76 dB (small machines).