

Compression Molding System

Model PMC1040



PMC1040-D

**Compression molding system
for high quality and low cost production**



English

Compression molding system for high quality and low cost production

- The compression molding system utilizing TOWA's proprietary molding technology.
- Original Cavity Down Structure enables stable molding with high quality.
- Heat sink/Metal shield exposure and molding combined in one process.
- Modular concept to adapt to different production quantities.



PMC1040-D



PMC1040-D HS

SPECIFICATION

Items		Unit	Description								
Model		—	PMC1040-S			PMC1040-D			PMC1040-D HS		
Workpiece type		—	Substrate ・ Lead frame								
Workpiece size	Length	mm	130—300			130—300			200—260		
	Width	mm	50—100								
Molding compound		—	Granular								
Machine time		sec	Approximately 43			Approximately 43			Approximately 60		
External dimensions	Number of press modules	module	1	2	3	1	2	3	1	2	3
	Width	mm	3,240	3,880	4,520	3,240	3,880	4,520	4,340	4,980	5,620
	Depth	mm	1,620	1,620	1,620	1,620	1,620	1,620	1,620	1,620	1,620
	Height	mm	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850
Weight		ton	4.5	6.4	8.3	4.7	6.6	8.5	6.0	7.9	9.8
Number of workpieces per cycle		workpiece	1	2	3	2	4	6	2	4	6
Magazine setting space		mm	440								
Clamp capacity		kN／(tf)	127.0—392.0／13.0—40.0								
Clamp speed		mm／sec	90 (Max.)								
Conversion method to different product type		—	"Conversion kit" method								
Release film width		mm	160 (Max.)								
Heat sink ・ Metal shield size		mm	—			—			44—94 (W)×180—253 (L)		

- The figures shown above are based on standard machine specifications.
- The above specification are subject to change without prior notice.
- For special requirements, please consult your local TOWA representative.



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