

Compression Molding System

Model CPM1080



**Compression molding system for high-quality and
low-cost WLP/PLP molding processes**

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Product information



English

- Both granular/liquid type resin are available in 1 system.
- Realization of wafer level molding/panel level mold based on proprietary compression technology.
- Automatic resin measurement function and resin replenishment function are loaded in dispenser unit.
- The in-house made handler robot can manage warped and heavy workpieces.
- The film consumption is reduced by 25% by precutting system. (Compared to our product)



Wafer type



Panel type

SPECIFICATION

Items		Unit	Description			
Model		—	CPM1080			
Workpiece type		—	Panel • Wafer			
Machine type		—	Manual	Semi-Auto	Full-Auto	
Workpiece size	Panel	mm	□320 (Max.)		□150—320	
	Wafer	mm	ϕ 320 (Max.)			
Molding compound		—	Granular • Liquid			
Machine time		sec	—	—	Approximately 75	
External dimensions	Number of press modules	module	1	1	1	2
	Width	mm	1,388	2,950	3,910	4,590
	Depth	mm	1,650	2,010	2,180	2,180
	Height	mm	1,980	1,980	1,980	1,980
Weight		ton	4.4	6.3	7.0	10.6
Number of workpieces per cycle		workpiece	1	1	1	2
Magazine setting space		—	—	—	FOUP Input / Output stage : 1 cassette each	
Clamp capacity		kN／(tf)	98.0—784.0／10.0—80.0			
Clamp speed		mm／sec	100 (Max.)			
Release film width		mm	440 (Max.)			
Option	Chip count	—	—	—	○	○
	Package inspection	—	—	—	○	○
	Package thickness measurement	—	—	—	○	○
	After cure	—	—	—	○	○
	Dispenser	—	—	○	○	○

- The figures shown above are based on standard machine specifications.
- In case of including dispenser module, external dimension width 680mm is added.
- The above specification are subject to change without prior notice.
- For special requirements, please consult your local TOWA representative.



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