

Compression Molding System

Model LCM1010 / 1030



**Compression molding system
for LED packages with a unique molding method**



English

Compression molding system for LED packages with a unique molding method

- Improves material usage efficiency with compression molding.
- Applicable for the molding with phosphor and 8 inch wafer.
- Stable high quality lens shape.
- Loading substrate by operators and silicone resin is supplied to the cavity automatically.
- Modular concept to adapt to different production quantities.



SPECIFICATION

Items		Unit	Description	
Model		—	LCM1010	LCM1030
Workpiece type		—	Substrate · Lead frame	
Workpiece size		mm	1 strip type: 6 inch wafer / 70—150(W)×70—150(L) 2 strip type: 45—70(W)×50—150(L)	1 strip type: 4—8 inch wafer / 50—200(W)×100—300(L) 2 strip type: 50—100(W)×100—300(L)
Molding compound		—	Liquid	
External dimensions	Number of press modules	module	1—4	1—3
	Width	mm	1,500—3,420	1,520—2,880
	Depth	mm	1,400	1,600
	Height	mm	1,700	1,850
Weight		ton	2.6—8.0	3.8—9.4
Number of workpieces per cycle		workpiece	Strip: 1 or 2 / press Wafer: 1 / press	Strip: 1 or 2 / press Wafer: 1 / press
Clamp capacity		kN / (tf)	29.4—98.0 / 3.0—10.0	29.4—294.0 / 3.0—30.0
Clamp speed		mm / sec	52 (Max.)	
Release film width		mm	1 strip: 210 (Max.) 2 strip: 110 (Max.)	1 strip: 250 (Max.) 2 strip: 140 (Max.)
Dispenser type	Premixed type	—	○	○
	Liquid dispenser	—	○	×

- 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.
- The above external dimensions are in the case of the premixed type dispenser.



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