

# **Compression Molding System**

**LCM1010-A**



**Automatic compression molding system  
for mass production of LED packages**

# Automatic compression molding system for mass production of LED packages

Product information



English

- Automatic supply of silicone resin for liquid dispensing.
- Improves material usage efficiency with compression molding.
- Stable high quality lens shape.
- Modular concept to adapt to different production quantities.



## SPECIFICATION

| Items                                       |                         | Unit      | Description                                                 |       |       |       |
|---------------------------------------------|-------------------------|-----------|-------------------------------------------------------------|-------|-------|-------|
| Model                                       |                         | —         | LCM1010-A                                                   |       |       |       |
| Workpiece type                              |                         | —         | Substrate ・ Lead frame                                      |       |       |       |
| Workpiece size                              |                         | mm        | 1 strip: 70—150(W)×70—150(L)<br>2 strip: 45—70(W)×50—150(L) |       |       |       |
| Molding compound                            |                         | —         | Liquid                                                      |       |       |       |
| Machine time                                |                         | sec       | 37                                                          |       |       |       |
| External dimensions                         | Number of press modules | module    | 1                                                           | 2     | 3     | 4     |
|                                             | Width                   | mm        | 2,550                                                       | 3,190 | 3,830 | 4,470 |
|                                             | Depth                   | mm        | 1,400                                                       | 1,400 | 1,400 | 1,400 |
|                                             | Height                  | mm        | 1,700                                                       | 1,700 | 1,700 | 1,700 |
| Weight                                      |                         | ton       | 3.6                                                         | 5.4   | 7.2   | 9.0   |
| Number of workpieces per cycle              |                         | workpiece | 2                                                           | 4     | 6     | 8     |
| Magazine setting space                      |                         | mm        | 300                                                         |       |       |       |
| Clamp capacity                              |                         | kN／(tf)   | 29.4—98.0／3.0—10.0                                          |       |       |       |
| Clamp speed                                 |                         | mm／sec    | 52 (Max.)                                                   |       |       |       |
| Conversion method to different product type |                         | —         | "Conversion kit" method                                     |       |       |       |
| Release film width                          |                         | mm        | 1 strip: 210 (Max.)<br>2 strip: 110 (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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### Contact Us



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