

Transfer Molding System

Model Y1E4120



Realized high productivity and achieved cost saving

Realized high productivity and achieved cost saving

Product information



English

- Stable and credible transfer molding system with long field experience.
- Clamp pressure up to 120 tons.
- Can load Y-Series' kit, chase and chase holder (60/120 tons).
- Modular concept to adapt to different production quantities.



SPECIFICATION

Items			Unit	Description			
Model			—	Y1E4120			
Workpiece type			—	Substrate・Lead frame			
Workpiece size	Length		mm	100—260			
	Width		mm	15—78			
Molding compound	Diameter		mm	φ 13, 14, 16, 18, 20			
	Length		mm	11.7—35.0			
Machine time			sec	Approximately 20			
External dimensions	Number of press modules		module	1	2	3	4
	Stack magazine type	Width	mm	2,043	2,708	3,373	4,038
		Depth	mm	1,640	1,640	1,640	1,640
		Height	mm	2,000	2,000	2,000	2,000
	Slit magazine type	Width	mm	2,043	2,708	3,373	4,038
		Depth	mm	1,980	1,980	1,980	1,980
		Height	mm	2,000	2,000	2,000	2,000
Weight	Stack magazine type		ton	5.7	8.9	12.1	15.3
	Slit magazine type		ton	6.1	9.3	12.5	15.7
Number of workpieces per cycle			workpiece	2	4	6	8
Input magazine setting space			mm	300			
Output magazine capacity (Stack magazine type)			pcs	2			
Output magazine setting space (Slit magazine type)			mm	300			
Clamp capacity			kN／(tf)	392.0—1,176.0／40.0—120.0			
Transfer capacity			kN／(tf)	2.9—31.4／0.3-3.2 (2 step pressure setting)			
Conversion method to different product type			—	“Conversion kit” method			
Mountable mold			—	L, XL (FM—XL: Option)			

- 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.



Headquarters

5 Kamichoshi-cho, Kamitoba, Minami-ku, Kyoto-shi,
Kyoto 601-8105 Japan

Contact Us



TOWA (our company's house mark),  are trademarks or registered trademarks of TOWA Corporation.

Overseas Sales Contacts

China

TOWA (Shanghai) Co., Ltd.

Taiwan

TOWA Taiwan Co., Ltd.

Korea

TOWA Korea Co., Ltd.

Singapore

TOWA Asia-Pacific Pte. Ltd.

Malaysia

TOWA Malaysia Sales &
Services Sdn. Bhd.

Thailand

TOWA THAI COMPANY LIMITED

Philippines

TOWA Semiconductor Equipment
Philippines Corp.

India

TOWA SEMICONDUCTOR INDIA
PRIVATE LIMITED

Germany

TOWA Europe GmbH

Netherlands

TOWA Europe B.V.

the United States

TOWA USA Corporation

20250401-004-HQ