

Transfer Molding System

Model YPM1200



High productivity transfer molding system for lead frames

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Product information



English

- 200 ton high-output press for larger sizes.
- Dual plunger and long tablet specifications are available for large resin volumes.
- Equipped with a plunger dust collection mechanism for stable production.
- Standardization of options that are frequently needed in lead frame production.
- Modular concept to adapt to different production quantities.



SPECIFICATION

Items			Unit	Description			
Model			—	YPM1200			
Machine type			—	Single Plunger		Dual plunger	
Workpiece type			—	Lead frame			
Workpiece size	Length		mm	150—300			
	Width		mm	35—100		35—80	
Molding compound	Diameter		mm	φ 13, 14, 16, 18, 20		φ 13, 14, 16, 18	
	Length		mm	1 pce: 1.1 times the tablet diameter—35.0 2 pcs: 65.0 (Max.)			
Machine time			sec	1 pce: Approximately 20 2 pcs: Approximately 40		1 pce: Approximately 40 2 pcs: Approximately 80	
External dimensions	Number of press modules		module	1	2	3	4
	Stack magazine type	Width	mm	2,560	3,260	3,960	4,660
		Depth	mm	1,600	1,600	1,600	1,600
		Height	mm	1,980	1,980	1,980	1,980
	Slit magazine type	Width	mm	2,560	3,260	3,960	4,660
		Depth	mm	2,000	2,000	2,000	2,000
		Height	mm	1,980	1,980	1,980	1,980
Weight	Stack magazine type		ton	6.1	9.6	13.1	16.6
	Slit magazine type		ton	6.4	9.9	13.4	16.9
Number of workpieces per cycle			workpiece	2	4	6	8
Input magazine setting space			mm	550			
Output magazine capacity (Stack magazine type)			pcs	2			
Output magazine setting space (Slit magazine type)			mm	440			
Clamp capacity			kN／(tf)	490.0—1,960.0／50.0—200.0			
Transfer capacity			kN／(tf)	3.92—49.0／0.4—5.0 (2 step pressure setting)			
Conversion method to different product type			—	“Conversion kit” method			
Mountable mold			—	L, XL, XXL or Dedicated mold for dual plunger			

- 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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