

Transfer Molding System

Model YPM1180



All-in-one transfer molding system for high quality molding

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Product information



English

- Applicable for large lead frames 100×300 mm.
- By utilizing our high-rigidity press structure (hold frame), we are able to achieve a uniform clamping surface pressure, an optimal path line and a compact footprint.
- Release film compatible (side gate systems).
- Side gate/Top gate applicable.
- Modular press supporting different production quantities.



SPECIFICATION

Items			Unit	Description			
Model			—	YPM1180			
Workpiece type			—	Substrate•Lead frame			
Workpiece size	Length		mm	150—300			
	Width		mm	35—100			
Molding compound	Diameter		mm	φ 13, 14, 16, 18, 20			
	Length		mm	14.3—35.0			
Machine time			sec	Approximately 20 (25*)			
External dimensions	Number of press modules		module	1	2	3	4
	Stack magazine type	Width	mm	2,540	3,220	3,900	4,580
		Depth	mm	1,600 (1,635*)	1,600 (1,635*)	1,600 (1,635*)	1,600 (1,635*)
		Height	mm	1,980	1,980	1,980	1,980
	Slit magazine type	Width	mm	2,540	3,220	3,900	4,580
		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	6.3 (6.4*)	10.0 (10.2*)	13.7 (14.0*)
Slit magazine type		ton	6.6 (6.7*)	10.3 (10.5*)	14.0 (14.3*)	17.7 (18.1*)	
Number of workpieces per cycle			workpiece	2	4	6	8
Input magazine setting space			mm	440			
Output magazine capacity (Stack magazine type)			pcs	2			
Output magazine setting space (Slit magazine type)			mm	440			
Clamp capacity			kN／(tf)	294.0—1,764.0／30.0—180.0			
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, 1.5XL, XXL			
Release film width			mm	100—300*			

- ・ 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.
- ・ *means specification in case of release film type.



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