

BRAND REPORT



FOR THE 6 MONTH PERIOD ENDED DECEMBER 2019

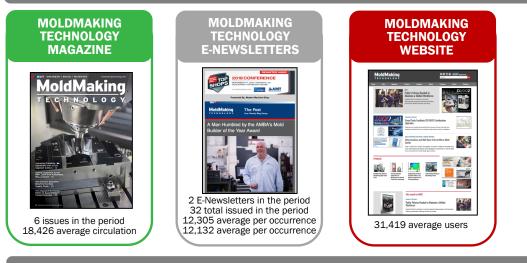
No attempt has been made to rank the information contained in this report in order of importance, since BPA Worldwide believes this is a judgment which must be made by the user of the report.

Gardner Business Media, Inc. 6915 Valley Avenue Cincinnati, OH 45244-3029 Tel.: (513) 527-8800 Fax: (513) 527-8801 www.moldmakingtechnology.com jball@gardenerweb.com **MOLDMAKING TECHNOLOGY** is a business-to-business media brand that produces a monthly print magazine, digital media, research and live events for the die/mold machining and plastic injection molding market. MMT has been addressing the complete lifecycle of the design, manufacture and maintenance of a mold—from design to first shot—since its launch in 1998. MMT remains committed to bringing subscribers what's new and what works in mold manufacturing by focusing on the needs of today's mold builders when it comes to anything from successful business practices to manufacturing strategies. This might be in the form of a technology article, application story, shop profile or tip of the month that applies to today's mold shop owner, moldmaker, tooling engineer or CNC technician.

BRAND REPORT PURPOSE

The Brand Report provides a deeper understanding and identification of all audited touch points with customers that have interest in the brand. It is designed to present analysis of all communication channels, including a brand's unique users within each channel of, but not across, multiple media platforms. This non-integrated report contains data for each separate media channel as indicated in the Executive Summary. No attempt has been made to identify or eliminate duplication that may exist across media channels.

CHANNELS



EXECUTIVE SUMMARY

Below are the average contacts per occurrence, including frequency per period reported.

	Non-Paid	Paid	Average
MOLDMAKING TECHNOLOGY MAGAZINE (6 issues in the period)	18,426	-	18,426
MOLDMAKING TECHNOLOGY E-NEWSLETTERS			
a. MMT Insider (6 issued in the period)	12,305	-	12,305
b. MMT The Post (26 issued in the period)	12,132	-	12,132
MOLDMAKING TECHNOLOGY WEBSITE (Monthly Users with 67,488 average Pageviews)	31,419	-	31,419

FIELD SERVED

MOLDMAKING TECHNOLOGY MAGAZINE serves the field of manufacturers, users and maintenance providers of industrial molds, as described in paragraph 3a. Also served are other manufacturing, wholesale trade, educational, professional, scientific, and technical services.

2,269

DEFINITION OF RECIPIENT QUALIFICATION

Qualified recipients include corporate executives as well as company management, manufacturing production/engineering, design, quality assurance and quality control, research & development, purchasing, and other qualified personnel.

AVERAGE NON-QUALIFIED CIRCULATION Non-Qualified Copies Not Included Elsewhere Copies Other Paid Circulation 6 Advertiser and Agency 1,200 Allocated for Trade Shows and Conventions 183 All Other 880

TOTAL

-	Total Q	ualified	Qualified	Non-Paid	Qualified Paid	
Qualified Circulation	Copies	Percent	Copies	Percent	Copies	Percent
Individual	18,426	100.0	18,426	100.0	-	-
Sponsored Individually Addressed	-	-	-	-	-	-
Membership Benefit	-	-	-	-	-	-
Multi–Copy Same Addressee	-	-	-	-	-	-
Single Copy Sales	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	18,426	100.0	18,426	100.0	-	-

2. QUALIFIED CIRCULATION BY ISSUES FOR PERIOD

2019 Issue	Total Qualified
July	18,593
August	18,857
September	18,466
October	18,528
November	18,058
December	18,054

	Manufacturing Production/ Company Mgmt; Engineering Design; Quality; Educational or Sales &								
AICS	Business/Industry	Total Qualified	Percent of Total	Purchasing (B,L)	(C,D,E,V,F,G, T,R,S)	R&D (H,I,J,P,Q)	Government (N)	Marketing (X,Z)	Other NE (A,U)
26	Plastics and Rubber Products Manufacturing	quantou	01 TOTAL	(0,2)	111(0)	(11,1,2,1,1,2)	(1)	(/()_/	(/ 40)
26111	Plastics Bag Manufacturing	25	0.1	8	15	2	-	-	-
26112	Plastics Packaging Film and Sheet (including Laminated) Manufacturing	11	0.1	3	7	1	-	-	-
26113	Unlaminated Plastics Film and Sheet (except	83	0.4	30	39	12	-	2	
26121	Packaging) Manufacturing	43	0.2	10	33			-	
26122	Unlaminated Plastics Profile Shape Manufacturing Plastics Pipe and Pipe Fitting Manufacturing	68	0.2	10	44	11	-	-	
26130	Laminated Plastics Plate, Sheet (except	41	0.2	19	17	4	_	1	
26140	Packaging), and Shape Manufacturing	13	0.1	4	8	1	-	-	
26150	Polystyrene Foam Product Manufacturing Urethane and Other Foam Product (except	46	0.1	19	21	4		2	
26160	Polystyrene) Manufacturing						-	2	-
26191	Plastics Bottle Manufacturing Plastics Plumbing Fixture Manufacturing	50 29	0.3 0.2	20 15	25 13	5 1	-	-	-
26199	All Other Plastics Product Manufacturing	4,008	22.2	1,564	2,038	288	1	108	9
26211	Tire Manufacturing (except Retreading)	35	0.2	21	8	6	-	-	-
26212	Tire Retreading	11	0.1	11	-	-	-	-	-
26220	Rubber and Plastics Hoses and Belting Manufacturing	44	0.2	22	14	6	-	2	-
26291	Rubber Product Manufacturing for Mechanical Use	64	0.4	36	20	7	-	-	1
26299	All Other Rubber Product Manufacturing Subtotal 326	261 4,832	1.4 26.8	141 1,936	91 2,393	13 361	- 1	16 131	- 10
27	Nonmetallic Mineral Product Manufacturing	4,832	26.8	1,936 36	2,393	11	-	5	-
31	Primary Metal Manufacturing	231	1.3	79	101	23	1	27	-
32 33	Fabricated Metal Product Manufacturing Machinery Manufacturing	1,791	9.9	934	667	122	1	61	6
331	Agriculture, Construction, and Mining Machinery	98	0.6	35	48	14	_	1	_
	Manufacturing	202					-		
332	Industrial Machinery Manufacturing Commercial and Service Industry Machinery		1.1	90	83	21	-	8	-
333	Manufacturing	134	0.8	65	52	14	-	3	-
334	Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment	46	0.3	12	22	9	-	3	-
35	Metalworking Machinery Manufacturing (not incl.	2,084	11.5	1,360	545	102	1	68	8
	333511)								
3511	Industrial Mold Manufacturing	3,060	16.9	1,712	973	201	1	144	29
336	Engine, Turbine, and Power Transmission Equipment Manufacturing	37	0.2	12	20	5	-	-	-
339	Other General Purpose Machinery Manufacturing	260	1.4	92	139	19	-	9	1
34	Subtotal 333 Computer and Electronic Product Manufacturing	5,921	32.8	3,378	1,882	385	2	236	38
	Computer and Peripheral Equipment	-		0		0		2	
341	Manufacturing	34	0.2	9	20	3	-	2	-
342	Communications Equipment Manufacturing	48	0.3	13	30 6	5	-	-	-
343 344	Audio and Video Equipment Manufacturing Semiconductor and Other Electronic Component	13	0.1	3		4	-	-	-
	Manufacturing	148	0.8	38	79	24	-	6	1
345	Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	341	1.9	130	144	53	-	9	5
846	Manufacturing and Reproducing Magnetic and Optical Media	6	-	-	5	1	-	-	-
	Subtotal 334	590	3.3	193	284	90	-	17	6
5	Electrical Equipment, Appliance, and								-
	Component Manufacturing								
851	Electric Lighting Equipment Manufacturing	32	0.2	13	13	6	-	-	-
352	Household Appliance Manufacturing	29	0.1	3	16	9	-	1	
353 359	Electrical Equipment Manufacturing Other Electrical Equipment and Component	132	0.7	24	85	18	-	5	-
	Manufacturing	140	0.8	31	85	18	-	6	-
86	Subtotal 335 Transportation Equipment Manufacturing	333	1.8	71	199	51	-	12	-
		75	0.4	47	50	7			4
361 362	Motor Vehicle Manufacturing	75	0.4	17	50	7	-	-	1
	Motor Vehicle Body and Trailer Manufacturing	49	0.3	13	27	9	-	-	-
363 364	Motor Vehicle Parts Manufacturing Aerospace Product and Parts Manufacturing	832 326	4.6 1.8	255 86	491 189	79 43	- 1	5 4	2
865	Railroad Rolling Stock Manufacturing	10	0.1		199	43	1	-	3
866	Ship and Boat Building	58	0.1	27	17	12	-	2	-
869	Other Transportation Equipment Manufacturing	27	0.1	14	10	3	-	-	-
	Subtotal 336	1,377	7.6	412	792	155	1	11	6
7	Furniture and Related Product Manufacturing	60	0.3	27	25	8	-	-	-
9	Miscellaneous Manufacturing								
911	Medical Equipment and Supplies Manufacturing	903	5.0	519	306	70	-	3	5
399	Other Miscellaneous Manufacturing	352	1.9	148	151	44	-	8	1
	Subtotal 339	1,255	6.9	667	457	114	-	11	6
1-325	Other Manufacturing, N.E.C.	533	3.0	203	241	72	-	14	3
2	Wholesale Trade	351	2.0	183	89	14	1	61	3
1	Professional, Scientific , and Technical Services	419	2.3	216	143	47	1	10	2
1	Educational Services	61	0.3	10	21	4	25	-	1
	Miscellaneous Others	215	1.2	125	77	6	2	4	1

(B,L) COMPANY MANAGEMENT, PURCHASING: titles include Chairman, General Manager, Owner, President, Vice President, Purch Director, Sr Buyer, Purch Manager and related titles (C,D,G,E,V,F,T,R,S) MANUFACTURING PRODUCTION/ENGINEERING: titles include Mold Coordinator, Mold Design Mgr, Advanced Mfg Director, Mold Dept Supv, Mfg Supervisor, Diemaker, Mold Maker, Machine Operator, Engr Mgr, Chief Engineer, Engr Dept Mgr, Plant Engineer, Process Engineer, Mfg Engineer, Factory Automation Mgr, Systems Design Mgr, Factory Automation Engr, Automn Foreman, CNC Programmer, Systems Engineer and related titles.

(H,J,P,Q) PRODUCT DESIGN/R&D; QUALITY ASSURANCE/CONTROL: titles include Design Engr Dir, R&D Director, Design Engineer, Development Engineer, R&D Engineer, Draftsman, Q/A Manager, Q/C

 (N) EDUCATIONAL or GOVERNMENT titles include Professor, Instructor and other Educational titles.
 (X,Z) SALES & MARKETING titles include Regional Sales Director, National Sales Director, National Accounts Manager, Marketing Director, PR Director and other sales/marketing titles. (A,U) OTHER N.E.C.

		Qualified Within		_	
Qualification Source	1 Year	2 Years	3 Years	Total Qualified	Percent
I. Direct Request:	10,653	4,198	-	14,851	82.2
II. Request from recipient's company:	-	-	-	-	-
III. Membership Benefit:	-	-	-	-	-
 V. *Communication from recipient or recipient's company (other than request): 	1,518	-	-	1,518	8.4
V. TOTAL - Sources other than above (listed alphabetically):	1,689	-	-	1,689	9.4
Association rosters and directories	-	-	-	-	-
*Business directories	1,689	-	-	1,689	9.4
Manufacturer's, distributor's, and wholesaler's lists	-	-	-	-	-
Other sources	-	-	-	-	-
VI. Single Copy Sales:	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	13,860	4,198	-	18,058	100.0
PERCENT	76.8	23.2	-	100.0	

State	Total Qualified	Percent	State	Total Qualified	Percent
laine	38		Kentucky	197	
lew Hampshire	126		Tennessee	276	
ermont	44		Alabama	140	
lassachusetts	368		Mississippi	56	
hode Island	92		EAST SO. CENTRA	- 669	3.7
onnecticut	282		Arkansas	90	
NEW ENGLAND	950	5.3	Louisiana	53	
ew York	602		Oklahoma	103	
ew Jersey	341		Texas	602	
ennsylvania	861		WEST SO. CENTRA	. 848	4.7
MIDDLE ATLANTIC	1,804	10.0	Montana	23	
hio	1,492		Idaho	55	
diana	723		Wyoming	7	
inois	1,394		Colorado	145	
lichigan	2,072		New Mexico	26	
lisconsin	934		Arizona	201	
EAST NO. CENTRAL	6,615	36.6	Utah	119	
linnesota	576		Nevada	56	
wa	203		MOUNTAIN	632	3.5
lissouri	371		Alaska	7	
orth Dakota	20		Washington	211	
outh Dakota	32		Oregon	172	
ebraska	99		California	1,240	
ansas	131		Hawaii	6	
WEST NO. CENTRAL	1,432	7.9	PACIFIC	2 1,636	9.0
elaware	15		UNITED STATES	6 16,224	89.8
laryland	95		U.S. Territories	10	
/ashington, DC	1		Canada	1,555	
irginia	144		Mexico	269	
/est Virginia	15		Other International	-	
orth Carolina	404		APO/FPO	-	
outh Carolina	179				
eorgia	261			19.059	100.0
lorida	524		TOTAL QUALIFIED CIRCULATION	18,058	100.0
SOUTH ATLANTIC	1,638	9.1			

E-NEWSLETTER CHANNEL

2019	MMT Insider	MMT The Post
JULY		
July 5	-	12,803
July 9	13,187	-
July 12	-	12,873
July 19	-	12,797
July 26	-	12,797
AUGUST		
August 2	-	12,815
August 9		12,781
August 13	13,189	
August 16		12,778
August 23		12,771
August 30	-	12,786
SEPTEMBER		
September 6	-	9,426
September 10	9,753	
September 13		9,416
September 20	-	9,400
September 27		9,923
OCTOBER		
October 4	-	10,705
October 8	11,483	-
October 11		11,650
October 18		12,777
October 25	-	12,767
NOVEMBER		
November 1		12,740
November 8		12,724
November 12	13,116	
November 15		12,698
November 22		12,667
November 29		12,670
DECEMBER		
December 6	-	12,668
December 9	13,099	
December 13	· · ·	12,673
December 20	-	12,667
December 27	-	12,661
	AVERAGE: 12,305	12,132

WEBSITE CHANNEL

WWW.MOLDMAKINGTECHNOLOGY.COM

2019	Pageviews	Sessions	Users	Average Session Duration
July	68,507	40,106	28,441	1:51
August	64,127	39,115	27,653	1:47
September	71,574	46,627	35,301	1:28
October	73,528	47,038	34,884	1:38
November	65,046	42,585	32,739	1:25
December	62,147	39,489	29,499	1:28
AVERAGE:	67,488	42,493	31,419	1:36

July - December 2019 data was provided by Google Analytics. All website activity is audited by BPA Worldwide.

WEBSITE GLOSSARY

Pageviews: A Pageview is recorded each time a page implanted with the JavaScript code (tag) is displayed in a browser window. This will occur whether the page is served directly from the web server, from a proxy, or from the browser's cache.

Sessions: A single continuous set of activity attributable to a cookied browser resulting in one or more pulled text and/or graphics downloads from a site. A period of 30 minutes of inactivity will terminate the session.

Users: An identified and unduplicated Cookied Browser that accesses Internet content or advertising during a measurement period. Average Session Duration: The time visitors remain on a site per session.

MAGAZINE: PARAGRAPH 3b:

Communication from recipient or recipient's company (other than request) includes 7 sources of circulation for quantities of 41 copies or 0.2% to 753 copies or 4.2%. Business directories include 1 source of circulation for a quantity of 1,689 copies or 9.4%.

GEOGRAPHIC DISTRIBUTION:

Geographic data for E-Newsletters and Website are not reported at the media owner's option.

PUBLISHER'S AFFIDAVIT

We hereby make oath and say that all data set forth in this statement are true. Ryan Delahanty, Publisher

Julie Ball, Audience Development Manager

(At least one of the above signatures must be that of an officer of the publishing company or its authorized representative.)

IMPORTANT NOTE:

This unaudited brand report has been checked against the previous audit report. It will be included in the annual audit made by BPA Worldwide.

Date signed State County Received by BPA Worldwide Туре ID Number

January 13, 2020 Ohio Hamilton January 13, 2020 BD M405B0D9

About BPA Worldwide

A not-for-profit organization since 1931 and headquartered in Shelton, Connecticut, USA, BPA has a global membership, spanning more than 20 countries. The organization conducts 2,500+ audits for media brands in print, online/digital and live events. In addition, the BPA-iCompli division verifies compliance to defined industry standards, provides technology assurance, and certifies organization's sustainability practices and reporting. BPA is supported by 4,000+ advertiser and agency members. The latest innovation to move the industry forward is the BPA Media Exchange, a brand-safe and audited cooperative marketplace which offers automated solutions for the buying and selling of digital advertising.