

BRAND REPORT

FOR THE 6 MONTH PERIOD ENDED DECEMBER 2019
(Including Supplementary Data)

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.

Peerless Media LLC (See Additional Data) 111 Speen Street Suite 200 Framingham, MA 01701 Tel.: (508) 663-1500 www.mmh.com MODERN MATERIALS HANDLING is a B2B brand intended for individuals with broad-based interests in wholesale, retail, and transportation & warehousing industries. The brand content and editorial scope of the publication includes news and latest technology trends from lift truck and conveying equipment to RFID and WMS. The content of every issue is also available to subscribers globally via the online digital version.

FIELD SERVED

MODERN MATERIALS HANDLING serves manufacturing companies and non-manufacturing companies including wholesale, retail, transportation & warehousing, other non-manufacturing industries and others as defined in Paragraph 3a herein.

DEFINITION OF RECIPIENT QUALIFICATION

Qualified recipients are personnel whose functions include Corporate/General Management (C-Level, President, VP), Plant/Operations Management, Engineering/Plant Maintenance, Purchasing Management (Director, Manager, Agent, Buyer), Distribution/Warehouse/Logistics Management and Sales/Marketing/Other functions as shown in Paragraph 3a herein. All qualified recipients buy, specify, recommend or approve materials handling equipment or services as described in Paragraph 3a.

PURPOSE

This brand report includes an analysis of qualified recipients who buy, specify, recommend or approve materials handling equipment or services as described in Paragraph 3a herein. Also included is an analysis of the types of manufacturing or distribution center/warehouse facilities for which qualified recipients buy, recommend or approve materials handling equipment or services.

CHANNELS

MODERN MATERIALS HANDLING MAGAZINE



6 issues in the period 80,038 average circulation

EXECUTIVE SUMMARY

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

	Non-Paid	Paid	Average
MODERN MATERIALS HANDLING MAGAZINE (6 issues in the period)	80,038	-	80,038
a. Print	52,038	-	52,038
b. Digital	28,000	-	28,000
1. Requested	28,000	-	28,000
2. Non-Requested	-	-	-

Non-Qualified Not Included Elsewhere	Copies	
Other Paid Circulation	43	
Advertiser and Agency	982	
Allocated for Trade Shows and Conventions	83	
All Other	437	
TOTAL	1,545	

	Total Q	ualified	Qualified	Non-Paid	Qualified Paid		
Qualified Circulation	Copies	Percent	Copies	Percent	Copies	Percent	
ndividual	80,038	100.0	80,038	100.0	-	-	
Sponsored Individually Addressed	-	-	-	-	-	-	
Membership Benefit	-	-	-	-	-	-	
Multi-Copy Same Addressee	-	-	-	-	-	-	
Single Copy Sales	-	-	-	-	·	-	
TOTAL QUALIFIED CIRCULATION	80,038	100.0	80,038	100.0			

2019 Issue	Print	Digital	Total Qualified
ly	52,034	28,000	80,034
ugust	52,035	28,000	80,035
September	52,060	28,000	80,060
October	52,032	28,000	80,032
lovember	52,043	28,000	80,043
December	52,025	28,000	80,025

3a. BUSINESS/OCCUPATION BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF NOVEMBER 2019 This issue is -% or 6 copies above the average of the other 5 issues reported in Paragraph 2.

			Total Recipients Who Buy, Specify,			Classif	ication by Functio	n		
Business and Industry	Total Qualified	Percent	Recommend or Approve Materials Handling Equipment or Services	Corporate/	Plant/ Operations Management	Engineering/ Plant Maintenance	Purchasing Management (Director, Manager, Agent, Buyer)	Distribution/ Warehouse/ Logistics Management	Sales/ Marketing	Other
Food, Beverage & Tobacco Manufacturing	6,278	7.9	6,278	2,595	1,611	630	440	757	159	86
Consumer Goods Manufacturing	5,644	7.1	5,644	2,241	1,294	830	474	647	109	49
Textiles/Apparel Manufacturing	1,036	1.3	1,036	422	209	119	63	188	23	12
Paper/Printing Manufacturing	2,225	2.8	2,225	725	610	348	172	267	66	37
Chemical/Pharmaceutical Manufacturing	3,542	4.4	3,542	1,013	892	787	237	482	58	73
Plastics & Rubber Manufacturing	2,056	2.6	2,056	713	471	435	144	196	77	20
Primary Metals Manufacturing	1,857	2.3	1,857	695	472	373	111	144	40	22
Fabricated Metals Manufacturing	3,879	4.8	3,879	1,566	854	740	274	253	150	42
Industrial Machinery Manufacturing	5,125	6.4	5,125	1,813	929	1,203	301	306	497	76
Computers & Electronics Manufacturing	1,857	2.3	1,857	606	296	506	113	221	89	26
Electrical Equipment Manufacturing	1,633	2.0	1,633	498	298	439	104	170	109	15
Aerospace Manufacturing	1,217	1.5	1,217	274	245	421	92	146	19	20
Automotive & Transportation Equipment Manufacturing	3,223	4.0	3,223	1,051	607	677	245	466	123	54
Furniture Manufacturing	784	1.0	784	354	170	97	59	77	21	6
Other Manufacturing	4,210	5.3	4,210	1,400	812	567	373	655	285	118
SUB-TOTAL MANUFACTURING	44,566	55.7	44,566	15,966	9,770	8,172	3,202	4,975	1,825	656
Wholesale Trade	6,406	8.0	6,406	3,524	1,029	283	423	774	342	31
Retail/E-Commerce	4,605	5.7	4,605	2,156	716	260	308	898	222	45
3rd Party Logistics Provider	4,244	5.3	4,244	1,796	654	328	133	1,120	160	53
Transportation/Warehousing Services	6,959	8.7	6,959	3,353	1,084	425	238	1,516	255	88
Business/Consulting Services	7,168	9.0	7,168	3,462	1,113	1,262	262	470	395	204
Other Non-Manufacturing	3,648	4.6	3,648	1,256	760	650	298	358	208	118
SUB-TOTAL NON- MANUFACTURING	33,030	41.3	33,030	15,547	5,356	3,208	1,662	5,136	1,582	539
Other	2,447	3.0	2,447	724	367	256	201	390	329	180
TOTAL QUALIFIED CIRCULATION	80,043	100.0	80,043	32,237	15,493	11,636	5,065	10,501	3,736	1,375
PERCENT	100.0		100.0	40.3	19.4	14.5	6.3	13.1	4.7	1.7

SUPPLEMENTARY DATA FOR ISSUE OF NOVEMBER 2019

This is an analysis of the 66,968 or 83.6% of the recipients who have indicated the types of facilities for which they buy, recommend or approve materials handling equipment or services. See questionnaire used to elicit these data. Since any one respondent may have checked more than one response, the totals for each of these should not be added together as the total may exceed the total circulation. These data are presented for statistical and marketing purposes.

Business and Industry	Total Qualified	Total Recipients Who Buy, Specify, Recommend or Approve Materials Handling Equipment or Services	Total Respondents	Retail Distribution Centers/ Distribution Centers/ Warehouses	Manufacturing Facilities
Manufacturing	44,566	44,566	39,958	24,693	34,543
Wholesale/Retail Trade	11,011	11,011	9,510	8,429	4,715
Third Party Logistics Provider, Transportation/Warehousing Services, Business/ Consulting Services, Other Non-Manufacturing	22,019	22,019	15,808	13,216	8,912
Other	2,447	2,447	1,692	1,477	914
TOTAL QUALIFIED CIRCULATION	80,043	80,043	66,968	47,815	49,084

SUPPLEMENTARY DATA FOR THE ISSUE OF NOVEMBER 2019

This is an analysis of the 80,043 or 100.0% of the recipients who buy, specify, recommend or approve materials handling equipment or services. See questionnaire used to elicit these data. Since any one respondent may have checked more than one response, the totals for each of these should not be added together as the total may exceed the total circulation. These data are presented for statistical and marketing purposes.

Materials Handling Equipment or Services	Total Recipients Who Buy, Specify, Recommend or Approve Materials Handling Equipment or Services	Percent
Powered Lift Trucks, Floor Trucks & Accessories	53,873	67.3
Conveying Equipment and AGVs	39,707	49.6
Software Systems for Manufacturing, Warehousing or Logistics	39,027	48.8
Automatic Data Capture Equipment, RFID, Information Systems and Controls	34,733	43.4
Storage & Staging Equipment, Picking Systems, Automated Storage Systems, Racks/Shelves	51,982	64.9
Packaging, Labeling, Shipping and Weighing Equipment	41,265	51.6
Work Positioners, Manipulators, and Overhead Handling Equipment	30,654	38.3
Robotics	26,756	33.4
Dock Equipment	34,592	43.2
Systems Integrators/Consulting	24,302	30.4
Third Party Warehousing/Transportation Services	32,624	40.8
Safety/Ergonomic Products	33,031	41.3
Maintenance/Repair/Operations	35,151	43.9
TOTAL QUALIFIED CIRCULATION	80,043	100.0

=		Qualified Within					
Qualification Source	1 year	2 years	3 years	Print	Digital	Total Qualified	Percent
TOTAL - Direct Request:	50,821	23,340	-	46,161	28,000	74,161	92.6
a. Written	2,248	581	-	2,757	72	2,829	3.5
b. Telecommunication	28,741	14,346	-	30,825	12,262	43,087	53.8
c. Electronic	19,832	8,413	-	12,579	15,666	28,245	35.3
. TOTAL - Request from recipient's company:	-	-	-	-	-	-	-
a. Written	-	-	-	-	-	-	-
b. Telecommunication	-	-	-	-	-	-	-
c. Electronic	-	-	-	-	-	-	-
I. TOTAL - Membership Benefit:	-	-	-	-	-	-	-
a. Individual	-	-	-	-	-	-	-
b. Organizational	-	-	-	-	-	-	-
 *TOTAL – Communication from recipient or recipient's company (other than request): 	5,882	-	-	5,882	-	5,882	7.4
a. Written	126	-	-	126	-	126	0.2
b. Telecommunication	2,902	-	-	2,902	-	2,902	3.6
c. Electronic	2,854	-	-	2,854	-	2,854	3.6
. TOTAL - Sources other than above (listed alphabetically):	-	-	-	-	-	-	-
Association rosters and directories	-	-	-	-	-	-	-
Business directories	-	-	-	-	-	-	-
Manufacturer's, distributor's and wholesaler's lists	-	•	-	-	-	-	-
Other sources	-	-	-	-	-	-	-
I. TOTAL - Single Copy Sales:	-	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	56,703	23,340	-	52,043	28,000	80,043	100.0
PERCENT	70.8	29.2	-	65.0	35.0	100.0	

GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF NOVEMBER 2019

State	Print	Digital	Total Qualified	Percent	State	Print	Digital	Total Qualified	Percent
Maine	281	106	387		Kentucky	774	382	1,156	
New Hampshire	285	143	428		Tennessee	1,070	526	1,596	
Vermont	124	62	186		Alabama	741	311	1,052	
Massachusetts	907	475	1,382		Mississippi	300	125	425	
Rhode Island	188	94	282		EAST SO. CENTRAL	2,885	1,344	4,229	5.3
Connecticut	666	288	954		Arkansas	479	174	653	
NEW ENGLAND	2,451	1,168	3,619	4.5	Louisiana	439	160	599	
New York	2,455	1,123	3,578		Oklahoma	483	178	661	
New Jersey	1,581	778	2,359		Texas	3,040	1,440	4,480	
Pennsylvania	2,746	1,162	3,908		WEST SO. CENTRAL	4,441	1,952	6,393	8.0
MIDDLE ATLANTIC	6,782	3,063	9,845	12.3	Montana	204	67	271	
Ohio	3,176	1,471	4,647		Idaho	309	120	429	
Indiana	1,456	588	2,044		Wyoming	108	39	147	
Illinois	3,325	1,280	4,605		Colorado	578	299	877	
Michigan	2,189	953	3,142		New Mexico	205	73	278	
Wisconsin	2,279	828	3,107		Arizona	622	346	968	
EAST NO. CENTRAL	12,425	5,120	17,545	21.9	Utah	468	255	723	
Minnesota	1,481	591	2,072		Nevada	251	126	377	
Iowa	981	321	1,302		MOUNTAIN	2,745	1,325	4,070	5.1
Missouri	1,184	456	1,640		Alaska	123	48	171	
North Dakota	211	52	263		Washington	1,052	345	1,397	
South Dakota	209	75	284		Oregon	641	262	903	
Nebraska	530	179	709		California	4,462	2,137	6,599	
Kansas	747	237	984		Hawaii	184	77	261	
WEST NO. CENTRAL	5,343	1,911	7,254	9.1	PACIFIC	6,462	2,869	9,331	11.6
Delaware	136	81	217		UNITED STATES	51,901	22,934	74,835	93.5
Maryland	764	368	1,132		U.S. Territories	142	143	285	
Washington, DC	73	48	121		Canada	-	628	628	
Virginia	1,031	567	1,598		Mexico	-	183	183	
West Virginia	273	95	368		Other International	-	4,112	4,112	
North Carolina	1,660	796	2,456		APO/FPO	-	-	-	
South Carolina	769	383	1,152						
Georgia	1,689	807	2,496		TOTAL QUALIFIED	E2 0/12	20 000	90.042	100.0
Florida	1,972	1,037	3,009		CIRCULATION	52,043	28,000	80,043	100.0
SOUTH ATLANTIC	8,367	4,182	12,549	15.7					

ADDITIONAL DATA

METHOD OF DISTRIBUTION:

All qualified circulation conforms to the field served and definition of recipient qualification, as reported. Print copies are distributed via postal services or other carriers. Recipients of the digital version are notified via email when the version is available.

STATEMENT OF CONTENT PLATFORM:

Editorial Replica - If a print edition exists, editorial and design are unchanged from the original print edition. Each issue's content and design are identical to the original edition. Apart from minor updates, the content cannot change once the issue is made available.

CHANGE IN OWNERSHIP:

Effective with the March 2019 issue, ownership of Modern Materials Handling publication was transferred to Peerless Media, LLC.

Communication from Recipient or Recipient's Company (Other than Request) Written, Telecommunication and Electronic includes 2 sources of circulation for quantities of 5.565 copies or 7.0% and 317 copies or 0.4%.

QUESTIONNAIRE USED BY PUBLICATION TO ELICIT SUPPLEMENTARY DATA:



PUBLISHER'S AFFIDAVIT

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

Brian Ceraolo, President

Michelle McKeon, Senior Audience Marketing 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.

State Received by BPA Worldwide Type

Date signed

City

BSJ **ID** Number M103B0D9

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.

January 15, 2020

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Framingham

Massachusetts