

BUSINESS PUBLICATION CIRCULATION STATEMENT FOR THE 6 MONTH PERIOD ENDED JUNE 2009

(Including Unit 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.

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Official Publication of: None
Established: 1929
Issues Per Year: 21



FIELD SERVED

MACHINE DESIGN serves the design engineering function in the original equipment market, and in the packaging and process industries and others allied to the field as shown in Paragraph 3a.

DEFINITION OF RECIPIENT QUALIFICATION

Qualified recipients include individuals with a primary design function of product or system design engineering, design of equipment for in-plant use and engineering management. Also included are Engineers in R&D, Testing, Reliability, Assurance, Quality Control & Standards as well as other qualified personnel as shown in paragraph 3a.

DEFINITION OF A UNIT

A unit is an establishment primarily engaged in one type of economic activity at a single physical location. Included are:

1. Units designing and manufacturing original equipment.
2. Units designing original equipment for own use.
3. Separate companies with engineering and/or R&D divisions.

AVERAGE NON-QUALIFIED CIRCULATION	
NON-QUALIFIED Not Included Elsewhere	Copies
Other Paid Circulation _____	191
Advertiser and Agency _____	2,011
Rotated or Occasional _____	-
Allocated for Trade Shows and Conventions _____	168
Electronic _____	1,545
All Other _____	2,261
TOTAL	6,176

1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR PERIOD						
QUALIFIED CIRCULATION	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual _____	164,722	100.0	163,191	99.1	1,531	0.9
Sponsored Individually Addressed _____	-	-	-	-	-	-
Membership Benefit _____	-	-	-	-	-	-
Multi-Copy Same Addressee _____	-	-	-	-	-	-
Single Copy Sales _____	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	164,722	100.0	163,191	99.1	1,531	0.9

2. QUALIFIED CIRCULATION BY ISSUES WITH REMOVALS AND ADDITIONS FOR PERIOD															
2009 Issue	Number Removed	Number Added	Print Version Only (A)	Electronic Version Only (B)	Qualified Non-Paid	Qualified Paid	Total Qualified	2009 Issue	Number Removed	Number Added	Print Version Only (A)	Electronic Version Only (B)	Qualified Non-Paid	Qualified Paid	Total Qualified
January 8 _____	210	135	171,921	8,642			180,563	April 23 _____	320	20	158,679	9,413			168,092
February 5 _____	4,995	7	167,390	7,267			174,657	May 7 _____	186	40	158,496	8,853			167,349
February 19 _____	399	485	167,536	8,465			176,001	*May 21 _____	214	1	158,254	8,793			167,047
March 5 _____	4,444	4	163,040	8,486			171,526	June 4 _____	32,745	2	126,165	7,294			133,459
March 19 _____	334	246	162,931	8,456			171,387	June 18 _____	72	38	125,851	7,589			133,440
April 9 _____	4,196	78	158,989	9,441			168,430	TOTAL	48,115	1,056					

*Analyzed Issue

3b. QUALIFICATION SOURCE BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 21, 2009

QUALIFICATION SOURCE	Qualified Within			Print Version Only (A)	Electronic Version Only (B)	Qualified Non-Paid	Qualified Paid	Total Qualified	Percent
	1 Year	2 Years	3 Years						
I. Direct Request: _____	132,301	34,746	-	158,254	8,793			167,047	100.0
II. Request from recipient's company: _____	-	-	-	-	-			-	-
III. Membership Benefit: _____	-	-	-	-	-			-	-
IV. Communication from recipient or recipient's company (other than request): _____	-	-	-	-	-			-	-
V. TOTAL - Sources other than above (listed alphabetically): _____	-	-	-	-	-			-	-
Association rosters and directories _____	-	-	-	-	-			-	-
Business directories _____	-	-	-	-	-			-	-
Manufacturer's, distributor's, and wholesaler's lists _____	-	-	-	-	-			-	-
Other sources _____	-	-	-	-	-			-	-
VI. Single Copy Sales: _____	-	-	-	-	-			-	-
TOTAL QUALIFIED CIRCULATION	132,301	34,746	-	158,254	8,793			167,047	100.0
PERCENT	79.2	20.8	-	94.7	5.3			100.0	

Paid data can be reported at the option of the publisher.

3c. MAILING ADDRESS BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 21, 2009

MAILING ADDRESS	Print Version Only (A)	Electronic Version Only (B)	Qualified Non-Paid	Qualified Paid	Total Qualified	Percent
Individuals by name and title and/or function _____	158,254	8,793			167,047	100.0
Individuals by name only _____	-	-			-	-
Titles or functions only _____	-	-			-	-
Company names only _____	-	-			-	-
Multi-Copy Same Addressee copies _____	-	-			-	-
Single Copy Sales _____	-	-			-	-
TOTAL QUALIFIED CIRCULATION	158,254	8,793			167,047	100.0

4. GEOGRAPHICAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 21, 2009

State & Zip Code	Print Version Only (A)	Electronic Version Only (B)	Total Units	Qualified Non-Paid	Qualified Paid	Total Qualified	Percent	State & Zip Code	Print Version Only (A)	Electronic Version Only (B)	Total Units	Qualified Non-Paid	Qualified Paid	Total Qualified	Percent
039-049 Maine _____	611	39	431			650		400-427 Kentucky _____	2,383	117	1,376			2,500	
030-038 New Hampshire _____	1,415	83	716			1,498		370-385 Tennessee _____	3,215	176	1,929			3,391	
050-059 Vermont _____	424	37	231			461		350-369 Alabama _____	2,183	109	1,438			2,292	
010-027 Massachusetts _____	4,769	305	2,641			5,074		386-397 Mississippi _____	1,052	48	713			1,100	
028-029 Rhode Island _____	710	38	441			748		EAST SO. CENTRAL	8,833	450	5,456			9,283	5.6
060-069 Connecticut _____	3,236	172	1,738			3,408		716-729 Arkansas _____	1,282	61	846			1,343	
NEW ENGLAND	11,165	674	6,198			11,839	7.1	700-714 Louisiana _____	1,162	57	964			1,219	
100-149 New York _____	7,646	463	4,330			8,109		730-749 Oklahoma _____	1,929	122	1,232			2,051	
070-089 New Jersey _____	4,005	205	2,591			4,210		750-799 Texas _____	8,521	583	5,518			9,104	
150-196 Pennsylvania _____	9,105	520	5,047			9,625		WEST SO. CENTRAL	12,894	823	8,560			13,717	8.2
MIDDLE ATLANTIC	20,756	1,188	11,968			21,944	13.1	590-599 Montana _____	351	14	311			365	
430-459 Ohio _____	11,640	652	6,294			12,292		832-838 Idaho _____	713	34	466			747	
460-479 Indiana _____	5,639	334	3,166			5,973		820-831 Wyoming _____	149	5	125			154	
600-629 Illinois _____	9,393	518	5,211			9,911		800-816 Colorado _____	2,115	156	1,462			2,271	
480-499 Michigan _____	8,083	451	4,697			8,534		870-884 New Mexico _____	502	37	356			539	
530-549 Wisconsin _____	6,453	394	3,223			6,847		850-865 Arizona _____	1,964	126	1,326			2,090	
EAST NO. CENTRAL	41,208	2,349	22,591			43,557	26.0	840-847 Utah _____	1,391	113	793			1,504	
550-567 Minnesota _____	5,251	324	2,702			5,575		889-898 Nevada _____	483	27	397			510	
500-528 Iowa _____	2,625	179	1,480			2,804		MOUNTAIN	7,668	512	5,236			8,180	4.9
630-658 Missouri _____	3,445	197	2,122			3,642		995-999 Alaska _____	112	7	112			119	
580-588 North Dakota _____	401	22	256			423		980-994 Washington _____	2,380	177	1,634			2,557	
570-577 South Dakota _____	517	22	316			539		970-979 Oregon _____	1,975	112	1,351			2,087	
680-693 Nebraska _____	1,134	52	659			1,186		900-961 California _____	13,251	264	8,758			13,515	
660-679 Kansas _____	1,881	135	1,114			2,016		967-968 Hawaii _____	120	2	116			122	
WEST NO. CENTRAL	15,254	931	8,649			16,185	9.7	PACIFIC	17,838	562	11,971			18,400	11.0
197-199 Delaware _____	287	20	179			307		UNITED STATES	157,540	8,745	94,557			166,285	99.5
206-219 Maryland _____	1,916	132	1,141			2,048		969 & 004-009 U.S. Territories _____	49	12	45			61	
200-205 Washington, DC _____	53	5	49			58		Canada _____	104	12	106			116	
220-246 Virginia _____	2,762	161	1,565			2,923		Mexico _____	21	2	508			23	
247-268 West Virginia _____	590	25	360			615		Other International _____	539	21	4			560	
270-289 North Carolina _____	4,983	280	3,097			5,263		APO/FPO _____	1	1	1			2	
290-299 South Carolina _____	2,369	135	1,291			2,504		TOTAL QUALIFIED CIRCULATION	158,254	8,793	95,221			167,047	100.0
300-319 Georgia _____	3,242	177	2,141			3,419									
320-349 Florida _____	5,722	321	4,105			6,043									
SOUTH ATLANTIC	21,924	1,256	13,928			23,180	13.9								

7. AVERAGE ANNUAL AUDITED QUALIFIED CIRCULATION AND CURRENT UNAUDITED CIRCULATION STATEMENTS						
6-Month Period Ended:	Audited Data	Audited Data	Audited Data	Audited Data	Audited Data	Circulation Claim
	2005	2006	2007	January - June 2008	July - December 2008	January - June 2009*
Total Audit Average Qualified _____	177,825	182,662	182,226	182,184	182,145	164,722
Qualified Non-Paid Total _____	175,612	180,438	180,407	180,461	180,391	163,191
Print Only _____	168,962	170,399	170,591	173,441	172,265	154,818
Electronic Only _____	8,111	10,039	9,816	7,020	8,126	8,373
Qualified Paid Total _____	2,213	2,224	1,818	1,723	1,754	1,531
Print Only _____	2,213	2,206	1,778	1,683	1,712	1,477
Electronic Only _____	-	18	40	40	42	54
Post Expire Copies included in Paid Circulation _____	**NC	**NC	**NC	**NC	**NC	**NC
Average Annual Order Price _____	\$120.48	\$117.98	\$119.92	\$123.50	\$115.51	\$124.52

*NOTE: January - June 2009 data is unaudited. With each successive period, new data will be added until six 6-month periods are displayed.

**NC = None Claimed.

8. PAID CIRCULATION DATA	
\$124.52	Average Annual Subscription Order Price for the Period Required (includes promotional incentive value, if any)
21	Issues Per Year
**NC	All Single Copy Sales Prices for the Period
**NC	Renewal Rate of Paid Subscribers (Optional)

9. ADDITIONAL DATA

METHOD OF DISTRIBUTION:

Print copies are distributed via postal services or other carriers. Recipients who request the electronic versions are notified via email when the version is available.

PARAGRAPHS 5 AND 6 ARE NOT REQUIRED.

1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR PERIOD - PRINT VERSION ONLY						
QUALIFIED CIRCULATION	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual _____	156,295	100.0	154,818	99.1	1,477	0.9
Sponsored Individually Addressed _____	-	-	-	-	-	-
Membership Benefit _____	-	-	-	-	-	-
Multi-Copy Same Addressee _____	-	-	-	-	-	-
Single Copy Sales _____	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	156,295	100.0	154,818	99.1	1,477	0.9

1. AVERAGE QUALIFIED CIRCULATION BREAKOUT FOR PERIOD - ELECTRONIC VERSION ONLY						
QUALIFIED CIRCULATION	Total Qualified		Qualified Non-Paid		Qualified Paid	
	Copies	Percent	Copies	Percent	Copies	Percent
Individual _____	8,427	100.0	8,373	99.4	54	0.6
Sponsored Individually Addressed _____	-	-	-	-	-	-
Membership Benefit _____	-	-	-	-	-	-
Multi-Copy Same Addressee _____	-	-	-	-	-	-
Single Copy Sales _____	-	-	-	-	-	-
TOTAL QUALIFIED CIRCULATION	8,427	100.0	8,373	99.4	54	0.6

QUESTIONNAIRE USED BY PUBLICATION TO ELICIT SUPPLEMENTARY DATA:

Free Subscription Offer

Please print with a black pen. Allow four to six weeks for processing.

Print Name _____
 Title _____
 Company _____
 Address _____
 City _____
 State/Province _____
 ZIP/Postal Code _____ Country _____
 Phone (____) _____ FAX* (____) _____
 E-Mail** _____ @ _____

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1 Do you wish to receive/continue to receive *Machine Design* FREE? YES No

Signature required _____ Date _____

CS7001

2 How would you like to receive your copy of *Machine Design*? (If you want to receive the digital version of the magazine, we must have your email address)
 P Print D Digital

3 Are you involved in the function of design, engineering analysis, technical evaluation, or purchasing of products, components, or equipment?
 Y Yes N No

4 Please indicate the categories that describe your engineering function(s): (check all that apply)
Engineering Functions
 A Product or System Design Engineering
 B Design of Equipment for In-plant use
 C Research & Development
Design-Related Functions
 D Testing and Evaluation (materials, components or products)
 E Standards
 F Reliability Assurance
 G Quality Control
 H Other Design Engineering Function (please specify): _____
 I Engineering Management (engaged in supervision of individuals performing any of the functions listed above)
 J Other Job Function (please specify): _____
 K Engineering Library

5 Indicate your primary function by writing the corresponding letter from above: _____

6 Are you involved in selecting or specifying materials? Y Yes N No

7 Primary end product manufactured or service performed at this location: (please specify): _____

8 Are you involved in the design, specification, engineering analysis, or technical evaluation of components or equipment for the following? (check all that apply)
 01 Automotive Industry
 02 Appliance Industry
 03 Medical Industry
 04 Aerospace
 05 Off-Highway
 06 Motion Control
 07 Material Handling
 08 Packaging
 09 OEM Systems Integrator
 10 Electronics
 11 Semiconductor
 13 Manufacturing/Automation Technology
 None of the Above

9 How many employees are at this location? (check only one)
 1 1 - 9
 2 10 - 19
 3 20 - 49
 4 50 - 99
 5 100 - 249
 6 250 - 499
 7 500 - 999
 8 1,000 - 2,499
 9 2,500 & over

PUBLISHER'S AFFIDAVIT

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

Dennis Jensen, Associate Publisher
 Debbie Brady, 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 circulation statement has been checked against the previous audit report. It will be included in the annual audit made by BPA Worldwide.

Date signed August 14, 2009
 State Ohio
 County Cuyahoga
 Received by BPA Worldwide August 14, 2009
 Type PD
 ID Number M002Y0J9

3a. BUSINESS/OCCUPATIONAL BREAKOUT OF QUALIFIED CIRCULATION FOR ISSUE OF MAY 21, 2009																		
This issue is 1.6% or 2,557 copies above the average of the other 10 issues reported in Paragraph two.																		
BUSINESS AND INDUSTRY (SEE NOTES 2, 3)	TOTAL QUALIFIED	PERCENT OF TOTAL	TOTAL QUALIFIED UNITS (SEE NOTE 2)	Print Version Only (A)	Electronic Version Only (B)	Recipients Engaged in any part of the Design Engrg Function or having Purchasing Authority over Engrg/Design of products/components	CLASSIFICATION BY PRIMARY DESIGN FUNCTION (SEE NOTE 1)							CLASSIFICATION BY EMPLOYMENT SIZE (SEE NOTE 2)				
							Design Engineering Staff						Other Qualified Personnel (G)	UNDER 500 EMPLOYEES		500 OR MORE EMPLOYEES		
							Product or System Design Engineering (A)	Design of Equipment for In Plant Use (B)	Research & Development (C)	Testing, Reliability Assurance, Quality Control & Standards (D)	Other Design Engineering (E)	Engineering Management (F)		COPIES	UNITS	COPIES	UNITS	
OEM																		
Primary Metal Mfg _____	3,555	2.1	1,994	3,376	179	3,147	886	423	207	174	28	1,597	240	2,664	1,718	891	276	
Fabricated Metal Product Mfg _____	34,361	20.6	19,317	32,754	1,607	31,911	9,711	3,215	2,169	1,675	178	15,167	2,246	29,544	18,380	4,817	937	
Machinery Mfg _____	32,424	19.4	14,666	30,581	1,843	30,517	10,990	3,145	2,186	1,415	289	12,526	1,873	26,232	13,837	6,192	829	
Computer & Electronic Product Mfg _____	20,767	12.4	7,380	19,063	1,704	19,637	7,969	1,833	1,908	1,367	227	6,381	1,082	12,838	6,270	7,929	1,110	
Electrical Equip., Appliance & Component Mfg _____	7,931	4.7	3,051	7,378	553	7,465	2,765	788	592	490	85	2,784	427	5,609	2,697	2,322	354	
Transportation Equipment Mfg _____	13,077	7.8	4,585	12,191	886	12,286	4,386	1,321	953	872	123	4,585	837	6,895	3,630	6,182	955	
Furniture & Related Product Mfg _____	2,038	1.2	1,766	1,975	63	1,886	577	138	103	103	2	1,011	104	1,830	1,676	208	90	
Miscellaneous Mfg _____	6,118	3.7	3,812	5,821	297	5,704	1,673	496	487	259	37	2,840	326	4,982	3,530	1,136	282	
Subtotal OEM	120,271	71.9	56,571	113,139	7,132	112,553	38,957	11,359	8,605	6,355	969	46,891	7,135	90,594	51,738	29,677	4,833	
End User (Processing)																		
Food Mfg _____	1,834	1.1	1,484	1,786	48	1,555	324	106	53	92	8	1,186	65	1,476	1,266	358	218	
Beverage & Tobacco Product Mfg _____	986	0.6	802	957	29	877	250	79	55	53	10	496	43	819	733	167	69	
Textile Mills _____	756	0.5	561	726	30	659	164	65	50	34	2	405	36	644	511	112	50	
Textile Product Mills _____	443	0.3	373	424	19	406	104	30	24	17	-	248	20	406	353	37	20	
Apparel Mfg _____	332	0.2	296	327	5	304	53	20	14	16	1	217	11	313	280	19	16	
Leather & Allied Product Mfg _____	145	0.1	118	135	10	137	35	12	6	4	1	82	5	133	109	12	9	
Wood Product Mfg _____	1,526	0.9	1,349	1,489	37	1,383	293	107	48	62	5	935	76	1,452	1,314	74	35	
Paper Mfg _____	1,283	0.8	890	1,242	41	1,114	258	145	62	56	8	702	52	970	763	313	127	
Printing & Related Support Activities _____	1,856	1.1	1,650	1,817	39	1,643	332	71	71	83	6	1,181	112	1,697	1,573	159	77	
Petroleum & Coal Products Mfg _____	333	0.2	237	318	15	285	62	36	16	28	1	168	22	250	197	83	40	
Chemical Mfg _____	2,224	1.3	1,383	2,104	120	1,884	521	233	210	113	10	1,036	101	1,622	1,164	602	219	
Plastics & Rubber Products Mfg _____	2,645	1.6	1,853	2,520	125	2,365	600	273	142	119	9	1,388	114	2,227	1,675	418	178	
Nonmetallic Mineral Product Mfg _____	1,778	1.1	1,485	1,719	59	1,598	347	125	77	79	5	1,052	93	1,595	1,400	183	85	
Subtotal End User (Processing)	16,141	9.8	12,481	15,564	577	14,210	3,343	1,302	828	756	66	9,096	750	13,604	11,338	2,537	1,143	
Subtotal Manufacturing	136,412	81.7	69,052	128,703	7,709	126,763	42,300	12,661	9,433	7,111	1,035	55,987	7,885	104,198	63,076	32,214	5,976	
Others Allied to the Field (Note 1) _____	29,019	17.4	24,932	27,976	1,043	28,789	8,727	2,395	2,642	1,950	422	12,073	810	25,614	23,116	3,405	1,816	
Other Paid Circulation _____	1,616	1.0	1,237	1,575	41	649	7	-	4	-	-	6	1,599	1,513	1,138	103	99	
TOTAL QUALIFIED CIRCULATION	167,047	100.0	95,221	158,254	8,793	156,201	51,034	15,056	12,079	9,061	1,457	68,066	10,294	131,325	87,330	35,722	7,891	

Note 1: Others Allied to the Field include Wholesale Trade-Durable Goods; Wholesale Trade-Nondurable Goods; Wholesale Electronics Marketing; Professional, Scientific, Technical Services; and individuals allied to manufacturing or processing industries.