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Manufacturing Technology Orders Back on Track for Strong 2017

Manufacturing technology orders in September continued their upward trend, ending the third quarter on a strong note. According to the latest U.S. Manufacturing Technology Orders Report, bookings for September 2017 were up 6 percent from August and posted a year-to-date figure 5 percent higher than the first nine months of 2016. The monthly total of \$403 million fell short of September 2016 by 26 percent, a typical drop-off in odd-numbered years when IMTS, the largest manufacturing technology show in the Americas, does not occur.

The rough edges of the recovery continued to expose themselves. Aerospace and medical equipment, chief contributors to new capital equipment investment over the past eight months, were down 26 percent and 40 percent respectively from August. Order activity from the automotive industry had been weak during the third quarter but rose 11 percent in September, surprising some analysts who had expected auto orders to remain weak till December.

“While there is recovery in market conditions for manufacturing technology, it’s at a more gradual pace than typically seen due to a sentiment of caution around manufacturing,” said Doug Woods, President of AMT – The Association For Manufacturing Technology. “Manufacturers are concerned about Washington’s impact on economic growth and pace of technological change, as well as the general evolution in technology. It is necessary for companies to invest in current technologies to stay competitive, but they’re doing so at a moderate pace.”

(more)

Regionally, the North Central West, Southeast and Northeast regions as reported by USMTO benefited from strong activity in contract machining shops, forging and stamping, automotive, and consumer electronics. Notably, orders from the consumer electronics and computers sector were up 132 percent nationally. The West region also saw gains in September, driven by contract machining shops and regional activity in aerospace.

The key leading indicators for manufacturing technology are positive and AMT analysis suggests an acceleration in order activity at the close of 2017. AMT staff are available to provide further insight on economic and technology trends for the manufacturing industry.

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The United States Manufacturing Technology Orders (USMTO) report

These numbers and all data in this report are based on the totals of actual data reported by companies participating in the USMTO program. This report, compiled by AMT – The Association For Manufacturing Technology, provides regional and national U.S. orders data of domestic and imported machine tools and related equipment. Analysis of manufacturing technology orders provides a reliable leading economic indicator as manufacturing industries invest in capital metalworking equipment to increase capacity and improve productivity.

About AMT – The Association For Manufacturing Technology

AMT represents U.S.-based builders and distributors of manufacturing technology – the advanced machinery, devices, and digital equipment that U.S. manufacturing relies on to be productive, innovative, and competitive. Located in McLean, VA, near the nation's capital, AMT acts as the industry's voice to speed the pace of innovation, increase global competitiveness and develop manufacturing's advanced workforce of tomorrow. With extensive expertise in industry data and intelligence, as well as a full complement of international business operations, AMT offers its members an unparalleled level of support. AMT also produces IMTS – The International Manufacturing Technology Show, the premier manufacturing technology event in North America.

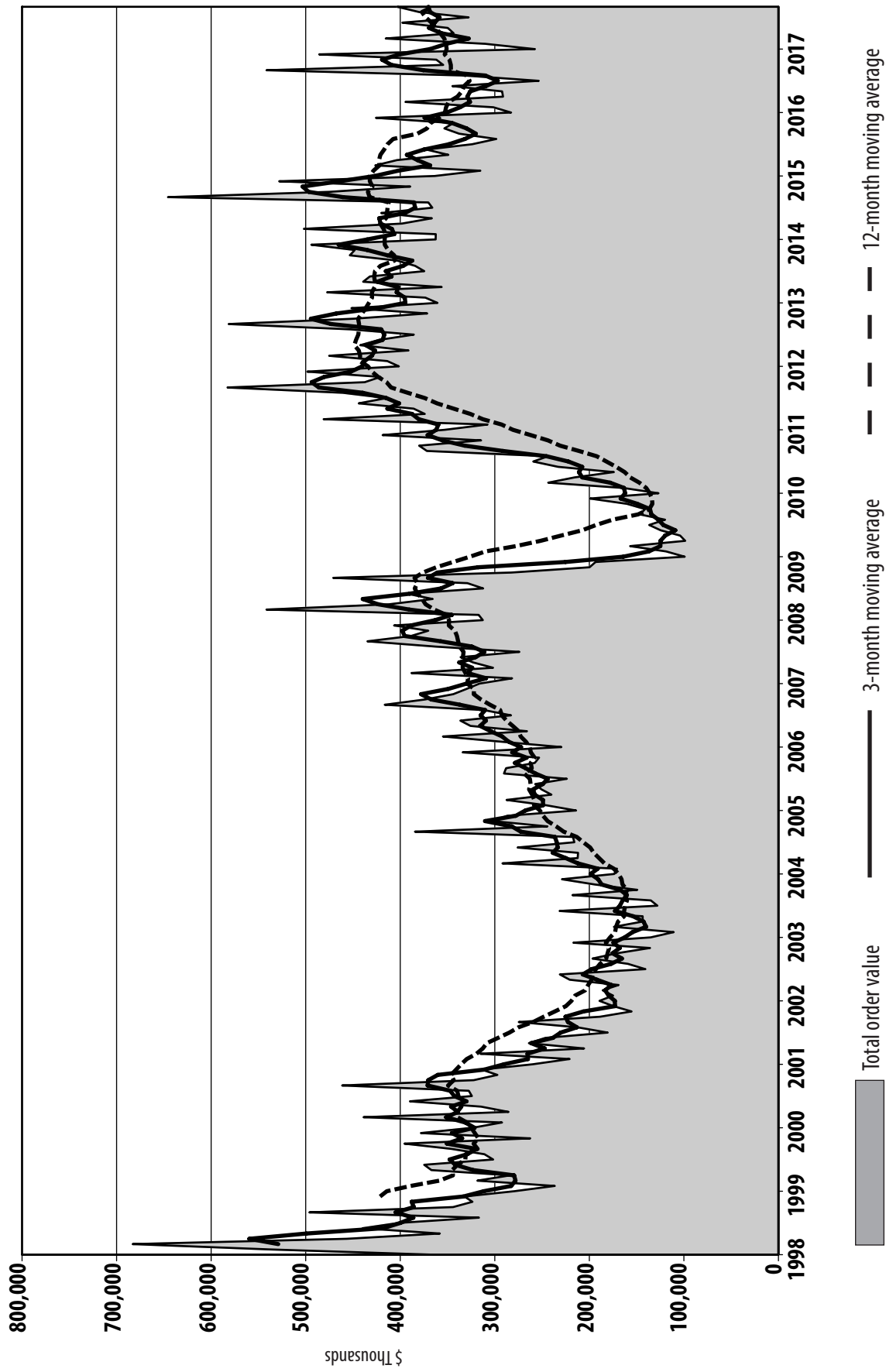
IMTS – International Manufacturing Technology Show

The largest and longest running manufacturing technology trade show in the United States is held every other year at McCormick Place in Chicago, Ill. IMTS 2018 will run Sept. 10-15. IMTS is ranked among the largest trade shows in the world. Recognized as one of the world's preeminent stages for introducing and selling manufacturing equipment and technology, IMTS attracts more than 114,000 visitors from every level of industry and more than 112 countries. IMTS is owned and managed by AMT – The Association For Manufacturing Technology. www.IMTS.com



Total U.S. Manufacturing Technology Orders

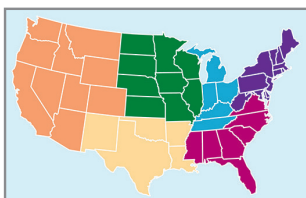
Through September 2017





September 2017

	SEP 17 (P)	Previous Month	% Change	Year Ago Month	% Change	YTD 17 (P)	YTD 16(R)	% Change YTD
National								
Metal Cutting	393.56	366.65	7.3%	528.95	-25.6%	3,075.43	2,941.24	4.6%
Metal Forming & Fabricating	9.49	13.20	-28.1%	12.49	-24.0%	109.21	80.27	36.1%
Total	403.05	379.85	6.1%	541.44	-25.6%	3,184.65	3,021.51	5.4%
Regional								
Northeast								
Metal Cutting	69.60	63.87	9.0%	96.03	-27.5%	544.57	587.64	-7.3%
Metal Forming & Fabricating	D	2.01	D	1.76	D	12.42	12.79	-2.9%
Total	D	65.88	D	97.80	D	556.99	600.43	-7.2%
Southeast								
Metal Cutting	48.14	42.76	12.6%	81.04	-40.6%	363.99	414.81	-12.3%
Metal Forming & Fabricating	0.14	D	D	D	-90.7%	27.23	15.00	81.6%
Total	48.28	D	D	D	-41.5%	391.23	429.80	-9.0%
North Central-East								
Metal Cutting	82.04	89.62	-8.5%	125.10	-34.4%	749.68	715.64	4.8%
Metal Forming & Fabricating	D	5.41	D	6.59	D	40.87	25.41	60.8%
Total	D	95.03	D	131.69	D	790.54	741.06	6.7%
North Central-West								
Metal Cutting	99.01	66.27	49.4%	82.82	19.6%	575.99	522.87	10.2%
Metal Forming & Fabricating	D	4.49	D	1.76	D	14.00	12.79	9.5%
Total	D	70.76	D	84.58	D	589.99	535.66	10.1%
South Central								
Metal Cutting	31.99	47.39	-32.5%	43.00	-25.6%	291.17	191.42	52.1%
Metal Forming & Fabricating	D	D	133.3%	D	*	9.21	4.11	124.5%
Total	D	D	-31.2%	D	-23.7%	300.38	195.53	53.6%
West								
Metal Cutting	62.78	56.75	10.6%	100.97	-37.8%	550.03	508.86	8.1%
Metal Forming & Fabricating	D	D	-49.0%	0.87	D	5.47	10.17	-46.2%
Total	D	D	9.8%	101.84	D	555.51	519.03	7.0%



- Northeast
- Southeast
- North Central - East
- North Central - West
- South Central
- West

\$ = millions of dollars

P – preliminary

R – revised

* – percent change greater than 1,000%

Totals may not match due to rounding

Note on fields marked D: Due to a change in survey participants the year over year comparison number for Metal Forming and Fabricating is not an accurate reflection of the data. We have adjusted the data for the past 12 months to take this change into consideration. The new chart reflects a consistent year over year comparison of the data at the current participation level.



Net New Orders for U.S. Consumption

SEP 2017

Total National Orders (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES	
	Units	Value	Units	Value	Units	Value
2016 SEP	2,869	\$541,439	2,814	\$528,950	55	\$12,489
2016 OCT	2,027	\$354,553	1,980	\$330,987	47	\$23,566
2016 NOV	2,202	\$361,791	2,144	\$346,890	58	\$14,901
2016 DEC	2,690	\$485,703	2,648	\$475,749	42	\$9,954
2017 JAN	1,611	\$257,549	1,552	\$250,107	59	\$7,441
2017 FEB	1,820	\$310,149	1,767	\$298,004	53	\$12,146
2017 MAR	2,383	\$415,340	2,309	\$391,293	74	\$24,047
2017 APR	1,768	\$343,564	1,724	\$336,018	44	\$7,546
2017 MAY	2,211	\$349,704	2,161	\$338,195	50	\$11,508
2017 JUN	2,220	\$397,766	2,173	\$386,955	47	\$10,812
2017 JUL	1,866	\$327,676	1,818	\$314,649	48	\$13,027
2017 AUG	2,111	\$379,853	2,063	\$366,652	48	\$13,201
2017 SEP	2,126	\$403,046	2,085	\$393,560	41	\$9,486
Average	2,146	\$378,966	2,095	\$366,001	51	\$12,965

REGIONAL

Northeast Region (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES	
	Units	Value	Units	Value	Units	Value
2016 SEP	516	\$97,797	505	\$96,034	11	\$1,763
2016 OCT	388	\$58,450	377	\$56,339	11	\$2,111
2016 NOV	391	\$66,420	380	\$61,749	11	\$4,671
2016 DEC	520	D	514	\$127,342	6	D
2017 JAN	326	\$47,857	316	\$46,756	10	\$1,100
2017 FEB	376	\$67,684	370	\$66,075	6	\$1,609
2017 MAR	424	\$66,481	413	\$65,334	11	\$1,147
2017 APR	281	\$49,387	270	\$47,785	11	\$1,603
2017 MAY	381	\$58,589	375	\$57,699	6	\$890
2017 JUN	409	D	404	\$59,079	5	D
2017 JUL	372	D	366	\$68,379	6	D
2017 AUG	375	\$65,875	363	\$63,867	12	\$2,009
2017 SEP	467	D	460	\$69,598	7	D
Average	402	\$69,886	393	\$68,157	9	\$1,730

Note on fields marked D: Due to a change in survey participants the year over year comparison number for Metal Forming and Fabricating is not an accurate reflection of the data. We have adjusted the data for the past 12 months to take this change into consideration. The new chart reflects a consistent year over year comparison of the data at the current participation level.



Net New Orders for U.S. Consumption

SEP 2017

Southeast Region (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES		
	Units	Value	Units	Value	Units	Value	
2016	SEP	384	D	379	\$81,035	5	D
2016	OCT	212	D	211	\$45,522	1	D
2016	NOV	260	D	255	\$33,815	5	D
2016	DEC	317	D	315	\$43,249	2	D
2017	JAN	193	\$27,491	184	\$27,018	9	\$473
2017	FEB	189	\$30,574	180	\$28,027	9	\$2,547
2017	MAR	325	\$74,108	307	\$57,963	18	\$16,145
2017	APR	220	D	213	\$38,481	7	D
2017	MAY	250	D	245	\$35,810	5	D
2017	JUN	273	\$54,099	261	\$50,743	12	\$3,356
2017	JUL	196	D	192	\$35,052	4	D
2017	AUG	228	D	225	\$42,758	3	D
2017	SEP	234	\$48,281	229	\$48,144	5	\$137
	Average	252	\$46,185	246	\$43,663	7	\$2,522

North Central-East Region (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES		
	Units	Value	Units	Value	Units	Value	
2016	SEP	730	\$131,687	713	\$125,095	17	\$6,592
2016	OCT	515	\$110,557	494	\$91,759	21	\$18,798
2016	NOV	533	\$84,894	516	\$81,929	17	\$2,965
2016	DEC	641	\$99,677	629	\$96,971	12	\$2,706
2017	JAN	360	\$64,721	332	\$59,375	28	\$5,347
2017	FEB	441	\$80,081	426	\$75,327	15	\$4,754
2017	MAR	563	\$97,082	541	\$91,975	22	\$5,107
2017	APR	458	D	451	\$81,748	7	D
2017	MAY	525	\$79,956	508	\$77,097	17	\$2,858
2017	JUN	565	\$116,356	551	\$111,064	14	\$5,292
2017	JUL	463	\$89,948	447	\$81,438	16	\$8,510
2017	AUG	524	\$95,026	514	\$89,617	10	\$5,409
2017	SEP	484	D	475	\$82,036	9	D
	Average	523	\$93,643	507	\$88,110	16	\$5,533

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Net New Orders for U.S. Consumption

SEP 2017

North Central-West Region (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES	
	Units	Value	Units	Value	Units	Value
2016 SEP	502	\$84,582	491	\$82,819	11	\$1,763
2016 OCT	384	D	373	\$63,860	11	D
2016 NOV	419	\$94,381	408	\$89,710	11	\$4,671
2016 DEC	423	\$75,822	417	\$74,304	6	\$1,518
2017 JAN	265	\$46,420	257	\$46,122	8	\$298
2017 FEB	252	\$48,579	239	\$46,718	13	\$1,861
2017 MAR	384	\$63,224	376	\$62,824	8	\$400
2017 APR	296	\$50,845	288	\$49,417	8	\$1,428
2017 MAY	419	\$83,217	412	\$81,628	7	\$1,589
2017 JUN	366	D	363	\$70,480	3	D
2017 JUL	304	D	293	\$53,520	11	D
2017 AUG	364	\$70,758	352	\$66,268	12	\$4,490
2017 SEP	419	D	413	\$99,012	6	D
Average	369	\$69,936	360	\$68,206	9	\$1,730

South Central Region (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES	
	Units	Value	Units	Value	Units	Value
2016 SEP	193	D	191	\$43,000	2	D
2016 OCT	138	\$16,233	138	\$16,233	0	\$0
2016 NOV	185	D	182	\$19,358	3	D
2016 DEC	233	D	227	\$36,524	6	D
2017 JAN	145	D	144	\$21,193	1	D
2017 FEB	201	\$29,636	194	\$28,729	7	\$908
2017 MAR	195	D	185	\$35,345	10	D
2017 APR	167	D	164	\$42,021	3	D
2017 MAY	212	\$35,066	199	\$30,145	13	\$4,922
2017 JUN	212	D	202	\$29,370	10	D
2017 JUL	174	\$26,125	165	\$24,984	9	\$1,141
2017 AUG	229	D	223	\$47,389	6	D
2017 SEP	179	D	172	\$31,992	7	D
Average	189	\$32,016	184	\$31,253	6	\$764

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Net New Orders for U.S. Consumption

SEP 2017

West (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES	
	Units	Value	Units	Value	Units	Value
2016 SEP	544	\$101,840	535	\$100,967	9	\$873
2016 OCT	390	D	387	\$57,274	3	D
2016 NOV	414	\$61,159	403	\$60,329	11	\$830
2016 DEC	556	D	546	\$97,359	10	D
2017 JAN	322	D	319	\$49,643	3	D
2017 FEB	361	D	358	\$53,128	3	D
2017 MAR	492	D	487	\$77,852	5	D
2017 APR	346	\$77,634	338	\$76,567	8	\$1,066
2017 MAY	424	D	422	\$55,816	2	D
2017 JUN	395	D	392	\$66,220	3	D
2017 JUL	357	D	355	\$51,276	2	D
2017 AUG	391	D	386	\$56,753	5	D
2017 SEP	343	D	336	\$62,777	7	D
Average	410	\$67,299	405	\$66,612	5	\$687

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