



Contact:

Penny Brown, AMT, 703-827-5275

pbrown@AMTonline.org

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U.S. Manufacturing Technology Orders at full steam ahead for October

Orders for manufacturing technology kept their momentum in October 2017, gaining 6.3 percent over September to a total value of \$428.32 million, according to the latest U.S. Manufacturing Technology Orders Report from AMT – The Association For Manufacturing Technology. Year to date, orders are up 7.6 percent compared to the same point in 2016.

AMT analysis shows the manufacturing technology market on an upturn through the last quarter of 2017. Most major industrial sectors showed improvement in October, with medical equipment orders up 60 percent and contract machine shops also continuing to invest. Aerospace orders declined for the month after an exceptionally strong September, and orders from the off-road equipment industry also showed weakness.

“Growth is likely to remain positive for capital equipment investment as manufacturers leverage new technology to stay competitive, and our members have reported strong quotation activity for the last 60 days,” said AMT President Douglas K. Woods. “In addition, export growth has continued while imports have fallen, increasing the demand for U.S.-made products both at home and abroad. Expectations are that the improving market will finish with a strong fourth quarter and easily transition into 2018.”

The overall U.S. manufacturing economy has shown strength, including gains in industrial production and a PMI at 58.2, well above the 50 that indicates expansion. Strong consumer sentiment for several consecutive months is also propelling a sense of economic confidence. Durable goods orders –

(more)

orders for products produced by manufacturing technology – have been consistently over \$235 billion a month which has driven backlogs up and put increasing pressure on capacity in many industrial sectors.

AMT staff are available for comment and 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.

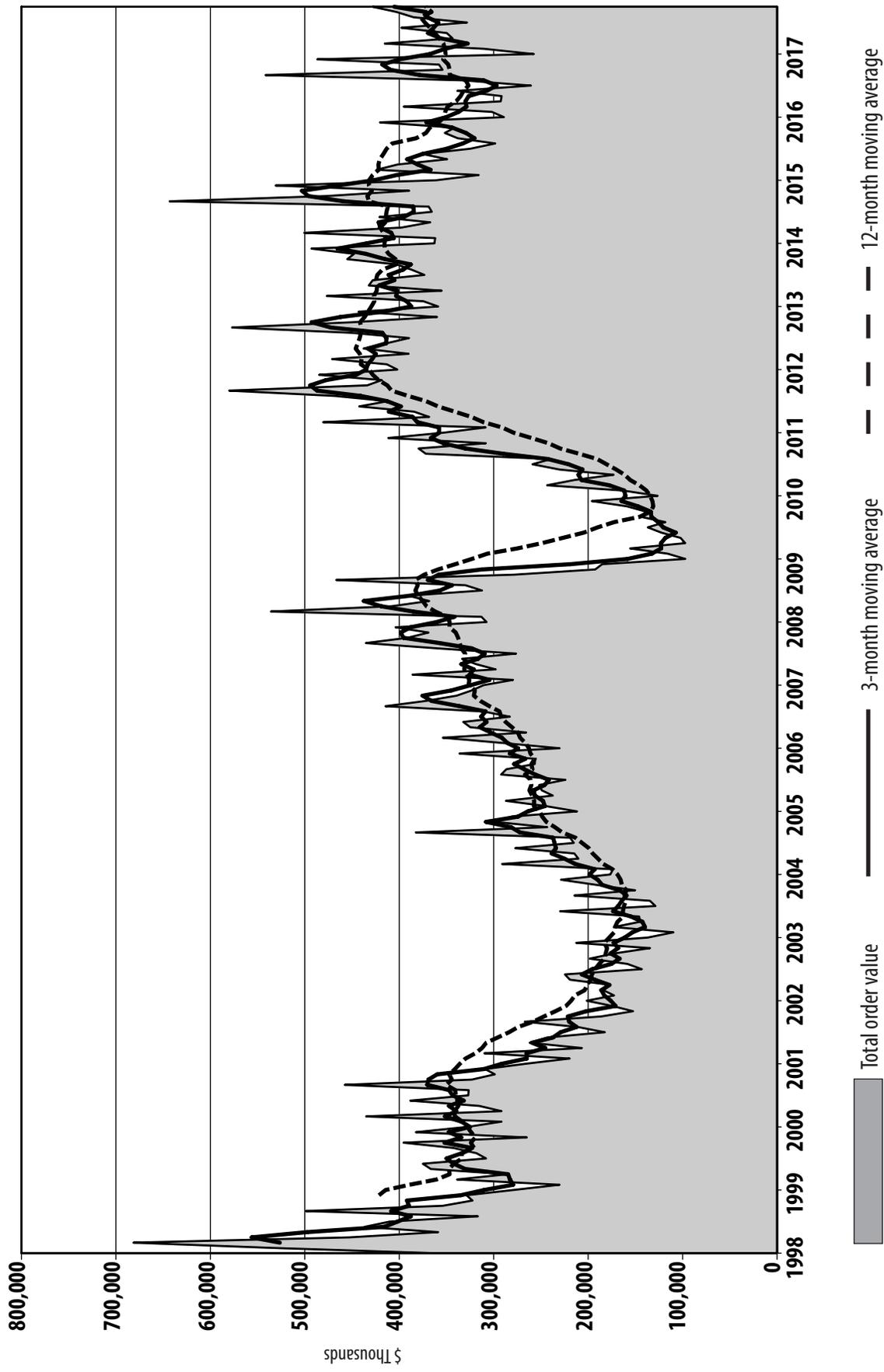
IMTS – International Manufacturing Technology Show

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 October 2017





October 2017

	OCT 17 (P)	Previous Month	% Change	Year Ago Month	% Change	YTD 17 (P)	YTD 16(R)	% Change YTD
National								
Metal Cutting	412.53	391.36	5.4%	330.99	24.6%	3,491.30	3,272.23	6.7%
Metal Forming & Fabricating	15.79	11.48	37.5%	23.11	-31.7%	127.00	89.86	41.3%
Total	428.32	402.85	6.3%	354.10	21.0%	3,618.30	3,362.09	7.6%
Regional								
Northeast								
Metal Cutting	64.65	68.82	-6.1%	56.34	14.8%	608.54	643.98	-5.5%
Metal Forming & Fabricating	2.40	D	D	2.11	13.8%	14.93	12.79	16.7%
Total	67.06	D	D	58.45	14.7%	623.47	656.77	-5.1%
Southeast								
Metal Cutting	42.28	48.03	-12.0%	45.52	-7.1%	406.32	460.33	-11.7%
Metal Forming & Fabricating	5.77	0.14	*	D	D	33.00	15.00	120.1%
Total	48.04	48.17	-0.3%	D	D	439.32	475.33	-7.6%
North Central-East								
Metal Cutting	110.59	80.92	36.7%	91.76	20.5%	859.45	807.40	6.4%
Metal Forming & Fabricating	5.28	D	D	18.80	-71.9%	46.14	25.41	81.6%
Total	115.86	D	D	110.56	4.8%	905.59	832.82	8.7%
North Central-West								
Metal Cutting	79.64	99.10	-19.6%	63.86	24.7%	655.53	586.73	11.7%
Metal Forming & Fabricating	1.23	D	D	D	D	16.52	22.39	-26.2%
Total	80.86	D	D	D	D	672.05	609.11	10.3%
South Central								
Metal Cutting	41.92	31.71	32.2%	16.23	158.3%	332.84	207.65	60.3%
Metal Forming & Fabricating	D	D	-31.6%	0.00	D	10.54	4.11	156.7%
Total	D	D	29.7%	16.23	D	343.38	211.76	62.2%
West								
Metal Cutting	73.45	62.78	17.0%	57.27	28.2%	628.62	566.14	11.0%
Metal Forming & Fabricating	D	D	-57.2%	D	-55.4%	5.87	10.17	-42.3%
Total	D	D	16.4%	D	27.5%	634.49	576.30	10.1%



- 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

October 2017

Total National Orders (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES		
	Units	Value	Units	Value	Units	Value	
2016	OCT	2,024	\$354,096	1,980	\$330,987	44	\$23,109
2016	NOV	2,197	\$357,960	2,144	\$346,890	53	\$11,070
2016	DEC	2,700	\$486,761	2,648	\$475,749	52	\$11,012
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	1,888	\$328,240	1,840	\$315,213	48	\$13,027
2017	AUG	2,133	\$384,823	2,085	\$371,623	48	\$13,201
2017	SEP	2,120	\$402,846	2,067	\$391,363	53	\$11,483
2017	OCT	2,569	\$428,322	2,511	\$412,530	58	\$15,792
	Average	2,006	\$353,447	1,954	\$340,202	53	\$13,246

REGIONAL

Northeast Region (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES		
	Units	Value	Units	Value	Units	Value	
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	375	D	369	\$68,472	6	D
2017	AUG	375	\$65,875	363	\$63,867	12	\$2,009
2017	SEP	466	D	458	\$68,818	8	D
2017	OCT	452	\$67,058	436	\$64,654	16	\$2,404
	Average	397	\$67,477	388	\$65,690	9	\$1,787

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

October 2017

Southeast Region (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES	
	Units	Value	Units	Value	Units	Value
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	205	D	201	\$35,210	4	D
2017 AUG	228	D	225	\$42,758	3	D
2017 SEP	234	\$48,170	229	\$48,032	5	\$137
2017 OCT	322	\$48,043	316	\$42,276	6	\$5,768
Average	248	\$43,537	242	\$40,685	7	\$2,853

North Central-East Region (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES	
	Units	Value	Units	Value	Units	Value
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	466	\$90,074	450	\$81,564	16	\$8,510
2017 AUG	520	\$95,197	510	\$89,788	10	\$5,409
2017 SEP	470	D	461	\$80,921	9	D
2017 OCT	545	\$115,865	528	\$110,587	17	\$5,277
Average	508	\$92,363	492	\$86,931	16	\$5,432

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Net New Orders for U.S. Consumption

October 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 OCT	381	D	373	\$63,860	8	D
2016 NOV	414	\$90,550	408	\$89,710	6	\$840
2016 DEC	433	\$76,880	417	\$74,304	16	\$2,576
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	306	D	295	\$53,639	11	D
2017 AUG	363	\$70,458	351	\$65,967	12	\$4,490
2017 SEP	426	D	413	\$99,103	13	D
2017 OCT	480	\$80,861	470	\$79,635	10	\$1,225
Average	368	\$69,615	359	\$67,954	9	\$1,661

South Central Region (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES	
	Units	Value	Units	Value	Units	Value
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	176	\$26,158	167	\$25,017	9	\$1,141
2017 AUG	229	D	223	\$47,389	6	D
2017 SEP	179	D	170	\$31,712	9	D
2017 OCT	266	D	261	\$41,925	5	D
Average	195	\$32,015	189	\$31,151	6	\$864

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Net New Orders for U.S. Consumption

October 2017

West (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES	
	Units	Value	Units	Value	Units	Value
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	360	D	358	\$51,311	2	D
2017 AUG	418	D	413	\$61,853	5	D
2017 SEP	345	D	336	\$62,777	9	D
2017 OCT	504	D	500	\$73,453	4	D
Average	410	\$65,541	405	\$64,891	5	\$650

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