

NEWS RELEASE

U.S. Manufacturing Technology Orders



a statistical program of AMT

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Manufacturers Continue Capacity Expansion as Technology Orders Grow

Manufacturing technology orders posted an unexpected surge in August, climbing 28 percent over August 2017 and bringing the year-to-date growth rate to 23 percent for 2018. The latest U.S. Manufacturing Technology Orders Report from AMT – The Association For Manufacturing Technology showed that orders totaled \$501 million for the month, up 26 percent from July and the largest August order level in the USMTO program’s history.

“Orders of a half-billion dollars in August were a major surprise, particularly as it occurred in the weeks immediately preceding the most successful IMTS ever produced,” said AMT President Douglas K. Woods. “The current acceleration in manufacturing is illustrated in the continued growth of backlog for durable goods. The only way to address that trend is to put more people and equipment in place. Therefore, there was no typical ‘summer pause’ usually associated with August, as manufacturers have a need to increase capacity now.”

Trade issues and supply chain delays are certain to have an impact on the equipment market headed into the fall. AMT supports a quick and fair conclusion to the issues with our trading partners as exports are important to all manufacturers, and in the case of our members, represent more than a third of their annual output.

The only region to show a month-over-month decline in August was the Northeast, where aerospace orders were off from both June and July. The North Central-West posted the most significant increase,

(more)

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up 80 percent, a result of consolidations in the medical equipment industry that boosted capital spending. That industry's spending also benefited the North Central-East by offsetting declining orders from the construction and power generation equipment industries, yielding a modest 2 percent increase in August. The strongest customer industry in August was the job shop sector, which had the largest dollar volume growth and was 57 percent larger than in July.

The key indicators that AMT tracks relative to manufacturing technology orders continue to point to further expansion. The Purchasing Managers' Index dipped in July only to jump to a new high in August, climbing past 61 and suggesting not only expansion but an acceleration in that growth rate. Durable goods orders were over \$259 billion in August, the second largest monthly total since the series began in 1992. The durable goods order rate continues to outpace shipments, leading to a steady increase in unfilled orders. The continued growth in durable manufacturing capacity utilization is the result of these trends in orders, shipments and backlogs and point to the need for additional capacity to address the growth in demand for manufactured products.

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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.

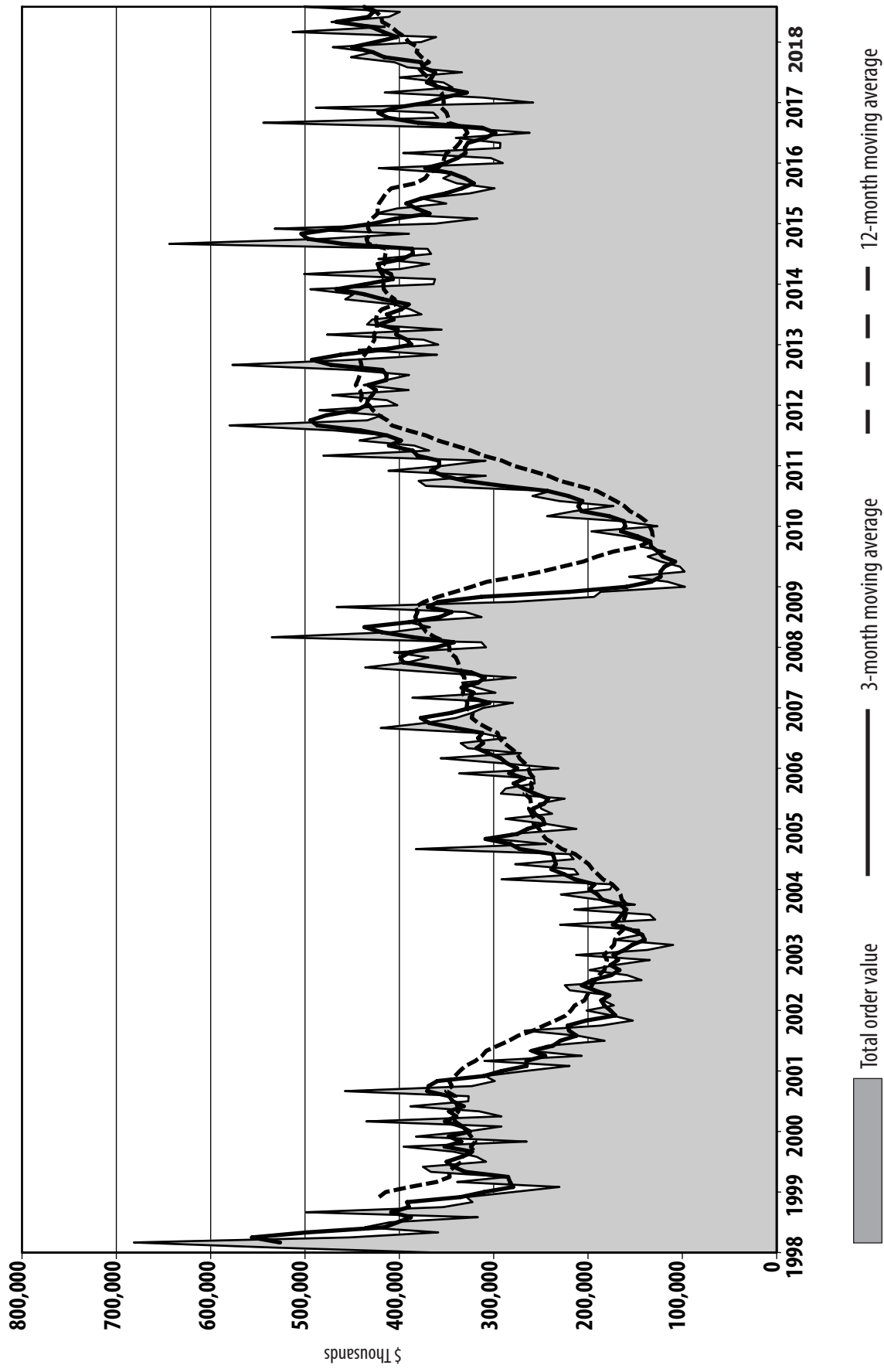
IMTS – International Manufacturing Technology Show

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

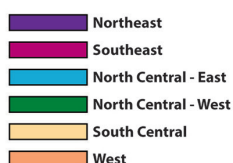
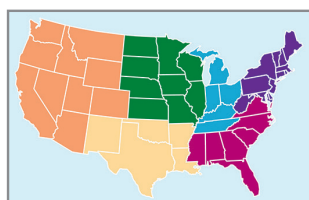
Through August 2018





Aug 2018

	Aug 2018 (P)	Previous Month	% Change	Year Ago Month	% Change	YTD 18 (P)	YTD 17(R)	% Change YTD
National								
Metal Cutting	481.44	375.93	28.1%	378.23	27.3%	3,289.79	2,707.52	21.5%
Metal Forming & Fabricating	19.99	23.47	-14.8%	13.20	51.4%	160.28	99.73	60.7%
Total	501.43	399.41	25.5%	391.43	28.1%	3,450.07	2,807.25	22.9%
Regional								
Northeast								
Metal Cutting	71.48	89.91	-20.5%	64.17	11.4%	588.32	475.10	23.8%
Metal Forming & Fabricating	4.18	1.45	188.9%	2.01	108.3%	14.34	D	D
Total	75.67	91.35	-17.2%	66.18	14.3%	602.66	D	D
Southeast								
Metal Cutting	45.78	31.92	43.4%	42.87	6.8%	359.72	317.01	13.5%
Metal Forming & Fabricating	D	D	483.7%	D	624.3%	12.85	27.10	-52.6%
Total	D	D	46.3%	D	9.2%	372.57	344.11	8.3%
North Central-East								
Metal Cutting	100.69	95.87	5.0%	94.33	6.7%	756.51	671.65	12.6%
Metal Forming & Fabricating	2.87	5.57	-48.5%	5.41	-46.9%	42.53	D	D
Total	103.56	101.45	2.1%	99.74	3.8%	799.04	D	D
North Central-West								
Metal Cutting	135.77	67.40	101.4%	66.40	104.5%	671.97	486.30	38.2%
Metal Forming & Fabricating	9.84	13.37	-26.4%	4.49	119.0%	73.51	D	D
Total	145.61	80.77	80.3%	70.89	105.4%	745.48	D	D
South Central								
Metal Cutting	52.71	32.86	60.4%	48.15	9.5%	345.06	259.37	33.0%
Metal Forming & Fabricating	0.37	1.13	-67.0%	D	D	7.74	8.36	-7.4%
Total	53.08	33.99	56.2%	D	D	352.80	267.73	31.8%
West								
Metal Cutting	75.00	57.97	29.4%	62.30	20.4%	568.21	498.09	14.1%
Metal Forming & Fabricating	1.51	1.75	-13.6%	D	D	9.31	5.09	83.1%
Total	76.51	59.72	28.1%	D	D	577.52	503.17	14.8%



\$ = 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

Aug 2018

Total National Orders (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES		
	Units	Value	Units	Value	Units	Value	
2017	AUG	2,180	\$391,428	2,132	\$378,227	48	\$13,201
2017	SEP	2,165	\$405,145	2,112	\$393,662	53	\$11,483
2017	OCT	2,700	\$451,317	2,636	\$435,446	64	\$15,871
2017	NOV	2,515	\$427,927	2,455	\$417,521	60	\$10,406
2017	DEC	2,902	\$470,551	2,818	\$455,591	84	\$14,960
2018	JAN	2,094	\$376,926	2,032	\$355,386	62	\$21,541
2018	FEB	2,047	\$360,948	1,949	\$345,783	98	\$15,165
2018	MAR	2,669	\$513,080	2,566	\$495,593	103	\$17,488
2018	APR	2,164	\$415,352	2,072	\$377,076	92	\$38,276
2018	MAY	2,509	\$471,936	2,443	\$459,734	66	\$12,202
2018	JUN	2,229	\$410,988	2,147	\$398,847	82	\$12,142
2018	JUL	2,063	\$399,410	2,003	\$375,935	60	\$23,475
2018	AUG	2,788	\$501,428	2,711	\$481,436	77	\$19,992
	Average	2,387	\$430,495	2,314	\$413,095	73	\$17,400

REGIONAL

Northeast Region (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES		
	Units	Value	Units	Value	Units	Value	
2017	AUG	385	\$66,178	373	\$64,169	12	\$2,009
2017	SEP	472	\$72,633	464	\$69,368	8	\$3,265
2017	OCT	463	\$68,369	447	\$65,966	16	\$2,404
2017	NOV	470	\$67,807	463	\$66,184	7	\$1,623
2017	DEC	470	\$76,105	457	\$72,347	13	\$3,758
2018	JAN	412	D	403	\$63,044	9	D
2018	FEB	370	\$76,609	354	\$73,341	16	\$3,268
2018	MAR	452	\$78,590	442	\$77,410	10	\$1,180
2018	APR	411	\$72,315	400	\$71,300	11	\$1,015
2018	MAY	421	D	416	\$68,006	5	D
2018	JUN	390	D	387	\$73,832	3	D
2018	JUL	447	\$91,354	440	\$89,905	7	\$1,448
2018	AUG	487	\$75,669	471	\$71,484	16	\$4,185
	Average	435	\$73,365	424	\$71,258	10	\$2,107

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Net New Orders for U.S. Consumption

Aug 2018

Southeast Region (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES	
	Units	Value	Units	Value	Units	Value
2017 AUG	230	D	227	\$42,866	3	D
2017 SEP	237	\$49,829	232	\$49,692	5	\$137
2017 OCT	334	\$50,308	326	\$44,508	8	\$5,800
2017 NOV	293	\$49,010	286	\$47,849	7	\$1,161
2017 DEC	334	D	327	\$50,414	7	D
2018 JAN	269	\$37,073	261	\$36,498	8	\$575
2018 FEB	194	\$30,277	183	\$29,414	11	\$863
2018 MAR	336	\$66,736	325	\$59,973	11	\$6,764
2018 APR	253	D	249	\$38,593	4	D
2018 MAY	313	\$60,251	307	\$58,877	6	\$1,374
2018 JUN	354	\$59,251	342	\$58,660	12	\$591
2018 JUL	204	D	202	\$31,924	2	D
2018 AUG	298	D	294	\$45,780	4	D
Average	281	\$47,600	274	\$45,773	7	\$1,827

North Central-East Region (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES	
	Units	Value	Units	Value	Units	Value
2017 AUG	542	\$99,744	532	\$94,335	10	\$5,409
2017 SEP	489	D	480	\$80,076	9	D
2017 OCT	597	\$124,090	580	\$118,812	17	\$5,277
2017 NOV	603	\$103,600	584	\$99,126	19	\$4,474
2017 DEC	736	\$106,877	711	\$104,920	25	\$1,957
2018 JAN	457	\$84,103	437	\$80,437	20	\$3,666
2018 FEB	467	\$87,383	433	\$80,630	34	\$6,753
2018 MAR	539	\$105,252	505	\$101,178	34	\$4,074
2018 APR	510	\$101,602	481	\$94,399	29	\$7,203
2018 MAY	564	\$124,947	545	\$116,962	19	\$7,986
2018 JUN	509	\$90,743	485	\$86,343	24	\$4,400
2018 JUL	464	\$101,448	447	\$95,874	17	\$5,574
2018 AUG	637	\$103,562	621	\$100,690	16	\$2,872
Average	547	\$101,269	526	\$96,445	21	\$4,824

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Net New Orders for U.S. Consumption

Aug 2018

North Central-West Region (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES	
	Units	Value	Units	Value	Units	Value
2017 AUG	365	\$70,894	353	\$66,403	12	\$4,490
2017 SEP	431	D	418	\$99,578	13	D
2017 OCT	508	\$88,799	496	\$87,567	12	\$1,232
2017 NOV	459	\$95,532	442	\$92,672	17	\$2,860
2017 DEC	545	\$104,265	529	\$102,411	16	\$1,853
2018 JAN	351	\$79,995	335	\$65,860	16	\$14,135
2018 FEB	380	\$62,332	362	\$60,503	18	\$1,830
2018 MAR	520	\$105,792	488	\$101,135	32	\$4,657
2018 APR	390	\$100,065	363	\$76,074	27	\$23,990
2018 MAY	433	\$89,353	418	\$87,545	15	\$1,808
2018 JUN	375	\$81,560	356	\$77,681	19	\$3,880
2018 JUL	353	\$80,773	337	\$67,403	16	\$13,370
2018 AUG	539	\$145,607	518	\$135,771	21	\$9,836
Average	435	\$92,901	417	\$86,200	18	\$6,701

South Central Region (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES	
	Units	Value	Units	Value	Units	Value
2017 AUG	237	D	231	\$48,153	6	D
2017 SEP	187	D	178	\$32,376	9	D
2017 OCT	277	D	271	\$43,400	6	D
2017 NOV	209	D	205	\$34,071	4	D
2017 DEC	262	D	254	\$44,770	8	D
2018 JAN	216	D	209	\$48,356	7	D
2018 FEB	249	D	242	\$40,920	7	D
2018 MAR	288	\$53,807	278	\$53,390	10	\$417
2018 APR	211	\$33,499	197	\$30,254	14	\$3,245
2018 MAY	310	D	304	\$49,387	6	D
2018 JUN	236	\$38,090	223	\$37,182	13	\$908
2018 JUL	214	\$33,986	207	\$32,858	7	\$1,128
2018 AUG	315	\$53,084	302	\$52,711	13	\$372
Average	247	\$43,017	239	\$42,141	8	\$876

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Net New Orders for U.S. Consumption

Aug 2018

West (Thousands of Dollars)

DATE	TOTAL ORDERS		METAL CUTTING MACHINES		METAL FORMING & FABRICATING MACHINES		
	Units	Value	Units	Value	Units	Value	
2017	AUG	421	D	416	\$62,302	5	D
2017	SEP	349	D	340	\$62,571	9	D
2017	OCT	521	D	516	\$75,192	5	D
2017	NOV	481	D	475	\$77,618	6	D
2017	DEC	555	\$83,478	540	\$80,729	15	\$2,749
2018	JAN	389	D	387	\$61,191	2	D
2018	FEB	387	\$62,522	375	\$60,974	12	\$1,548
2018	MAR	534	D	528	\$102,507	6	D
2018	APR	389	D	382	\$66,456	7	D
2018	MAY	468	\$79,369	453	\$78,958	15	\$411
2018	JUN	365	\$67,109	354	\$65,148	11	\$1,961
2018	JUL	381	\$59,717	370	\$57,971	11	\$1,746
2018	AUG	512	\$76,509	505	\$75,000	7	\$1,509
	Average	442	\$72,343	434	\$71,278	9	\$1,064

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