

## Press Release

FEBRUARY 14, 2022

# 2021, the Best Year in Manufacturing Technology Orders

McLean, Va. (February 14, 2021) – Orders of manufacturing technology surpassed \$5.9 billion in 2021, marking the best year ever, according to the latest U.S. Manufacturing Technology Orders Report published by AMT – The Association For Manufacturing Technology. December 2021 orders were just shy of the \$600 million mark, a 6.5% decrease from November 2021 and a 33% increase over December 2020. August to December 2021 was the first five-month stretch of orders exceeding \$500 million, which helped to end the year 55% above the 2020 annual total of \$3.8 billion.

“After five straight months of historically high orders, it is difficult to describe 2021 as anything other than exceptional,” said Douglas K. Woods, president of AMT. “Since 1998 one-quarter of all months exceeding \$500 million are now in 2021.”

“Throughout 2021, industries and products that were not typically industry drivers saw renewed activity,” said Woods. Residential housing starts reached levels not seen since prior to the 2008 financial crisis, and increased consumer demand for durable goods required additional capacity throughout the manufacturing industry. Grinding machines, which are required to manufacture drill bits and other tools needed in construction and manufacturing, saw outsized demand through 2021.

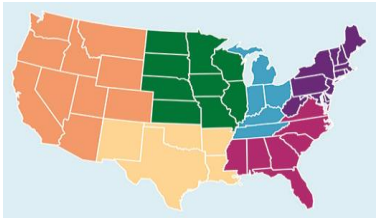
“In addition to demand from changing consumer behavior, reshoring and supply-chain diversification drove demand for manufacturing technology orders in December,” said Woods. “Products that were typically manufactured overseas were often subjected to

shipping delays, crowded ports, or factory-wide shutdowns to prevent the spread of COVID-19.” In addition to mold and die manufacturers, increased orders from metal valve manufacturers as well as hardware, spring, and wire manufacturers can be attributed to the need to overcome supply-chain hurdles and domestic capacity constraints.

December 2021 saw particularly large demand from engine, turbine, and power transmission manufacturers. This demand stemmed from renewed interest in smaller generators, possibly in response to the power disruptions experienced throughout the year, as well as larger natural gas generators to add general capacity to the grid.

“While forecasts still call for optimism in 2022, we do expect to see some pullback in the first few months of the year,” said Woods. “Expanded backlogs, shortages of key components, and unfilled positions will hamper our strong growth rates of late 2021 but will smooth as the year progresses. Economists and industry analysts are anticipating a modest, single-digit increase in orders for 2022, barring any major geopolitical turmoil.”

	Dec 2021 (P)	Previous Month	% Change	Year Ago Month	% Change	YTD 21 (P)	YTD 20 (R)	% Change YTD
<b>National</b>								
Metal Cutting	588.47	628.74	-6.4%	441.38	33.3%	5,778.74	3,727.10	55.0%
Metal Forming & Fabricating	8.67	10.00	-13.3%	7.71	12.5%	129.30	89.60	44.3%
<b>Total</b>	597.14	638.74	-6.5%	449.09	33.0%	5,908.04	3,816.70	54.8%
<b>Regional</b>								
<b>Northeast</b>								
Metal Cutting	89.45	113.11	-20.9%	99.68	-10.3%	984.62	682.00	44.4%
Metal Forming & Fabricating	D	D	-41.5%	D	5.7%	D	D	-32.4%
<b>Total</b>	D	D	-21.3%	D	-10.1%	D	D	41.9%
<b>Southeast</b>								
Metal Cutting	87.36	94.68	-7.7%	48.82	79.0%	717.93	499.94	43.6%
Metal Forming & Fabricating	D	0.82	D	0.71	D	27.10	12.47	117.3%
<b>Total</b>	D	95.50	D	49.52	D	745.03	512.41	45.4%
<b>North Central-East</b>								
Metal Cutting	161.38	134.48	20.0%	89.69	79.9%	1,386.35	903.04	53.5%
Metal Forming & Fabricating	D	2.55	D	2.01	D	D	22.97	D
<b>Total</b>	D	137.04	D	91.70	D	D	926.02	D
<b>North Central-West</b>								
Metal Cutting	105.19	120.82	-12.9%	84.78	24.1%	1,178.29	666.89	76.7%
Metal Forming & Fabricating	2.32	2.91	-20.1%	2.52	-8.0%	22.79	16.74	36.2%
<b>Total</b>	107.52	123.73	-13.1%	87.31	23.1%	1,201.08	683.62	75.7%
<b>South Central</b>								
Metal Cutting	31.09	52.99	-41.3%	34.59	-10.1%	432.53	255.02	69.6%
Metal Forming & Fabricating	D	D	-61.6%	D	-42.5%	18.37	D	D
<b>Total</b>	D	D	-41.9%	D	-11.1%	450.90	D	D
<b>West</b>								
Metal Cutting	114.01	112.66	1.2%	83.83	36.0%	1,079.03	720.21	49.8%
Metal Forming & Fabricating	D	D	53.7%	D	-10.0%	D	D	10.4%
<b>Total</b>	D	D	1.3%	D	35.8%	D	D	49.5%



■ 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:** Dollar values are not disclosed (as well as percent changes which would reveal a dollar value not disclosed), in accordance with established confidentiality rules, when necessary to protect the confidentiality of individual participant data.

Net New Orders for U.S. Consumption

Dec-21

Total National Orders (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 DEC	2,742	\$449,091	2,694	\$441,384	48	\$7,707
2021 JAN	1,858	\$327,846	1,830	\$310,526	28	\$17,320
2021 FEB	2,012	\$377,193	1,972	\$362,643	40	\$14,550
2021 MAR	2,451	\$458,733	2,412	\$441,647	39	\$17,086
2021 APR	2,325	\$403,805	2,294	\$398,282	31	\$5,524
2021 MAY	2,434	\$445,581	2,401	\$437,918	33	\$7,663
2021 JUN	2,629	\$498,972	2,580	\$478,706	49	\$20,266
2021 JUL	2,178	\$457,983	2,138	\$450,276	40	\$7,706
2021 AUG	2,437	\$538,241	2,402	\$530,488	35	\$7,753
2021 SEP	2,915	\$592,573	2,880	\$585,706	35	\$6,867
2021 OCT	2,835	\$571,235	2,801	\$565,340	34	\$5,895
2021 NOV	3,160	\$638,742	3,105	\$628,742	55	\$10,000
2021 DEC	2,651	\$597,141	2,620	\$588,470	31	\$8,671
Average	2,510	\$489,010	2,471	\$478,471	38	\$10,539

Regional

Northeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 DEC	478	D	475	\$99,679	3	D
2021 JAN	337	D	336	\$55,602	1	D
2021 FEB	304	\$55,048	297	\$51,092	7	\$3,956
2021 MAR	430	D	430	\$80,687	0	D
2021 APR	404	D	400	\$73,941	4	D
2021 MAY	368	D	363	\$74,004	5	D
2021 JUN	461	\$87,933	448	\$86,243	13	\$1,691
2021 JUL	365	\$81,530	358	\$80,586	7	\$944
2021 AUG	445	\$87,709	438	\$86,825	7	\$884
2021 SEP	525	D	522	\$101,862	3	D
2021 OCT	499	D	496	\$91,219	3	D
2021 NOV	531	D	522	\$113,108	9	D
2021 DEC	454	D	451	\$89,447	3	D
Average	431	\$84,665	426	\$83,407	5	\$1,258

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Net New Orders for U.S. Consumption

Dec-21

Southeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 DEC	432	\$49,524	425	\$48,818	7	\$706
2021 JAN	245	\$41,971	239	\$40,576	6	\$1,395
2021 FEB	273	D	269	\$35,296	4	D
2021 MAR	333	\$51,905	325	\$46,910	8	\$4,995
2021 APR	275	D	268	\$42,856	7	D
2021 MAY	313	\$56,144	306	\$52,885	7	\$3,259
2021 JUN	448	\$61,754	439	\$54,923	9	\$6,831
2021 JUL	305	\$55,493	291	\$51,972	14	\$3,520
2021 AUG	323	D	322	\$64,036	1	D
2021 SEP	374	D	371	\$63,661	3	D
2021 OCT	479	\$83,530	473	\$82,772	6	\$758
2021 NOV	459	\$95,501	448	\$94,684	11	\$817
2021 DEC	366	D	359	\$87,360	7	D
Average	356	\$61,119	349	\$58,981	7	\$2,139

North Central-East Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 DEC	542	\$91,700	525	\$89,687	17	\$2,013
2021 JAN	398	\$88,795	387	\$76,200	11	\$12,596
2021 FEB	548	\$129,710	533	\$121,637	15	\$8,073
2021 MAR	551	\$119,120	542	\$117,460	9	\$1,660
2021 APR	551	\$104,334	541	\$102,719	10	\$1,615
2021 MAY	477	D	473	\$93,058	4	D
2021 JUN	527	D	522	\$99,617	5	D
2021 JUL	476	\$108,862	467	\$107,259	9	\$1,602
2021 AUG	424	\$112,636	412	\$108,730	12	\$3,906
2021 SEP	631	D	622	\$135,353	9	D
2021 OCT	581	\$130,087	572	\$128,460	9	\$1,628
2021 NOV	635	\$137,037	624	\$134,484	11	\$2,553
2021 DEC	646	D	642	\$161,375	4	D
Average	537	\$116,725	528	\$113,541	10	\$3,183

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**Net New Orders for U.S. Consumption**

Dec-21

**North Central-West Region (Thousands of Dollars)**

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 DEC	552	\$87,310	538	\$84,785	14	\$2,525
2021 JAN	359	D	357	\$56,520	2	D
2021 FEB	389	\$75,297	375	\$73,365	14	\$1,933
2021 MAR	459	D	445	\$90,267	14	D
2021 APR	461	D	457	\$81,895	4	D
2021 MAY	581	\$100,598	568	\$98,185	13	\$2,413
2021 JUN	502	\$107,889	489	\$104,651	13	\$3,239
2021 JUL	417	D	412	\$92,529	5	D
2021 AUG	542	D	537	\$117,873	5	D
2021 SEP	538	\$120,970	532	\$120,518	6	\$452
2021 OCT	541	D	537	\$116,471	4	D
2021 NOV	641	\$123,727	625	\$120,820	16	\$2,907
2021 DEC	491	\$107,518	481	\$105,194	10	\$2,324
Average	498	\$99,107	489	\$97,159	9	\$1,947

**South Central Region (Thousands of Dollars)**

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 DEC	237	D	234	\$34,586	3	D
2021 JAN	172	D	168	\$24,833	4	D
2021 FEB	140	D	140	\$19,600	0	D
2021 MAR	199	\$33,653	193	\$29,732	6	\$3,921
2021 APR	202	D	200	\$31,249	2	D
2021 MAY	217	D	214	\$34,709	3	D
2021 JUN	212	D	207	\$38,389	5	D
2021 JUL	169	D	164	\$28,131	5	D
2021 AUG	226	D	217	\$39,254	9	D
2021 SEP	264	\$61,555	252	\$59,593	12	\$1,963
2021 OCT	239	D	231	\$42,970	8	D
2021 NOV	290	D	284	\$52,989	6	D
2021 DEC	180	D	175	\$31,085	5	D
Average	211	\$37,429	206	\$35,932	5	\$1,496

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*Net New Orders for U.S. Consumption*

Dec-21

West (Thousands of Dollars)

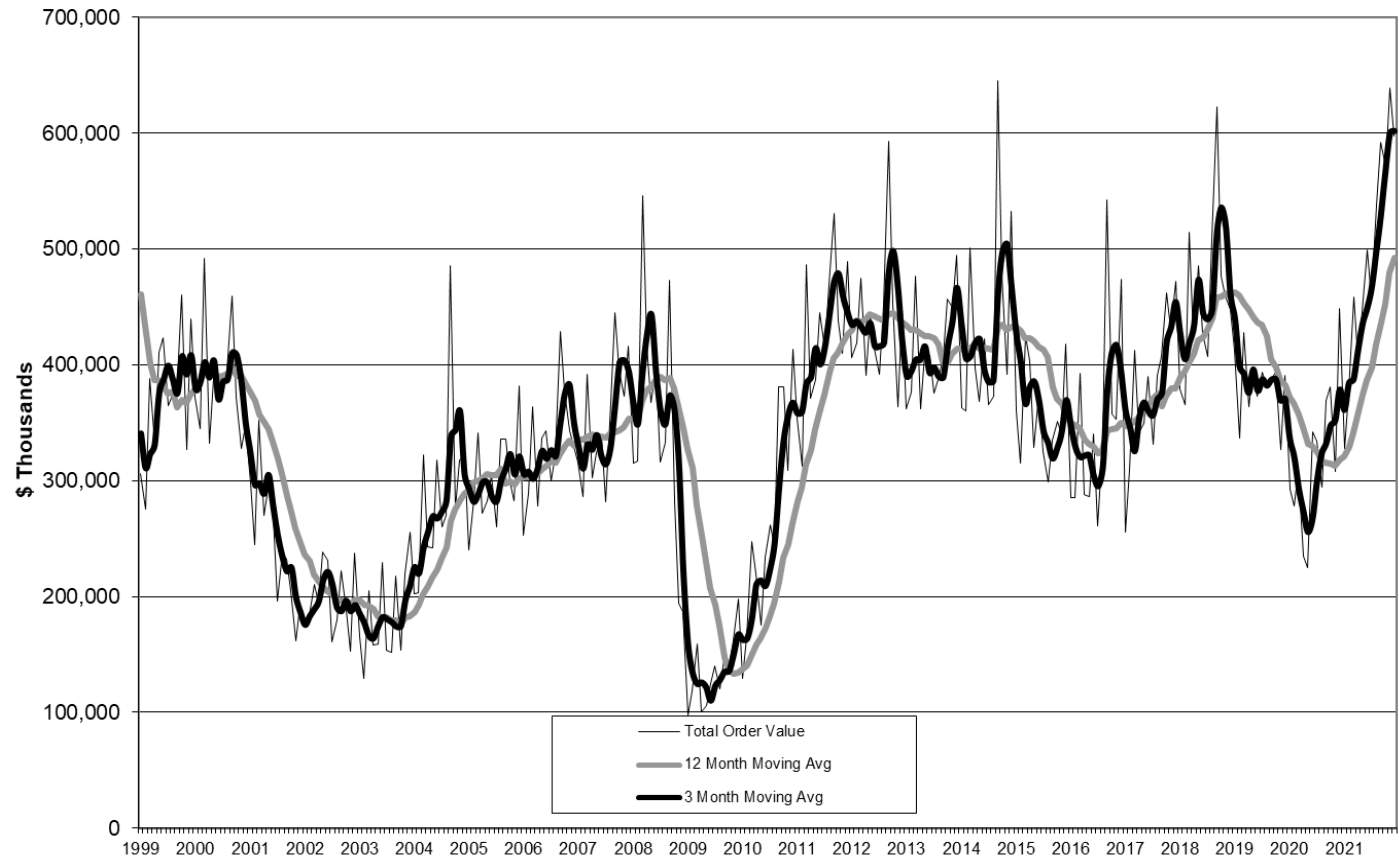
Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 DEC	501	D	497	\$83,830	4	D
2021 JAN	347	D	343	\$56,795	4	D
2021 FEB	358	D	358	\$61,654	0	D
2021 MAR	479	D	477	\$76,592	2	D
2021 APR	432	D	428	\$65,622	4	D
2021 MAY	478	D	477	\$85,077	1	D
2021 JUN	479	D	475	\$94,885	4	D
2021 JUL	446	D	446	\$89,799	0	D
2021 AUG	477	D	476	\$113,770	1	D
2021 SEP	583	D	581	\$104,719	2	D
2021 OCT	496	D	492	\$103,449	4	D
2021 NOV	604	D	602	\$112,657	2	D
2021 DEC	514	D	512	\$114,008	2	D
Average	476	\$89,966	474	\$89,451	2	\$516

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U.S. Manufacturing Technology Orders

# Total U.S. Manufacturing Technology Orders Through November 2021





### # # #

The United States Manufacturing Technology Orders (USMTO) Report is 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.

AMT – The Association For Manufacturing Technology represents U.S.-based providers 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. [www.amtonline.org](http://www.amtonline.org)

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 2022 will run Sept. 12-17. 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 as well as connecting the industry's supply chain. IMTS attracts visitors from every level of industry and more than 117 countries. IMTS 2018 was the largest in number of registrations (129,415), net square feet of exhibit space (1,424,232 sq. ft.), booths (2,123) and exhibiting companies (2,563). IMTS is owned and managed by AMT – The Association For Manufacturing Technology. [www.IMTS.com](http://www.IMTS.com)

(USMTO data is also available at [www.AMTonline.org](http://www.AMTonline.org).)

ISSN# 07082019