

Press Release

January 10, 2022

USMTO November 2021 Monthly Orders Exceed \$650 Million

McLean, Va. (January 10, 2022) – Orders of manufacturing technology surpassed \$650 million in November 2021, according to the latest U.S. Manufacturing Technology Orders Report published by AMT – The Association For Manufacturing Technology. This is the second-highest monthly total and only the fifth instance monthly orders have exceeded \$600 million since the beginning of the program in 1998. The value of orders was up nearly 14% from October 2021 and more than double the value of orders received in November 2020. The year-to-date total topped \$5.3 billion, about \$340 million short of becoming the best year in the history of the program.

“November orders illustrate continued recovery despite ongoing challenges brought on by the pandemic. Tool and die, valve manufacturing, forging and stamping, and hardware – sectors in decline due to decades of outsourcing prior to the pandemic – continued to make a comeback due to reshoring,” said Douglas K. Woods, president of AMT. “Job shops showed a modest decline in dollars spent but a double-digit increase in orders, indicating an industry-wide need for increased capacity.”

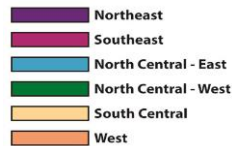
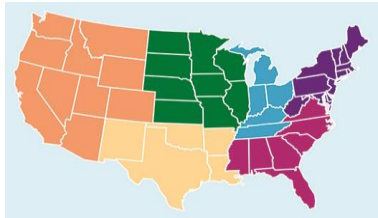
Two primary sectors that show increased orders despite continued challenges are aerospace and off-road equipment. The aerospace sector has experienced challenges with flight cancellations and staffing issues that may dampen any near-term plans to increase fleet sizes. However, despite these disruptions, this sector has nearly doubled its orders from the previous month. Heavy off-road equipment used for agriculture, mining, and construction have also increased by multiples over October 2021, likely due to anticipated interest rate hikes.

“The sectors that make large-scale off-road equipment require more complex and highly customized machinery to make them, and they tend to be dependent on financing and sensitive to interest rates,” said Woods. “Orders coming from these rate-sensitive sectors in November may have been an attempt to lock in financing prior to the December

Federal Reserve meeting, preempting any surprises that would increase the cost of borrowing.”

Despite the index slipping in December 2021, the ISM Manufacturing Purchasing Managers’ Index remained solidly within growth territory. “Manufacturers have learned that supply chain disruptions and labor shortages are part of the landscape and are developing short and long-term strategies to address these challenges,” said Woods. “If manufacturers can continue to successfully adapt, I can see the momentum of the manufacturing technology industry continuing into 2022.”

	Nov 2021 (P)	Previous Month	% Change	Year Ago Month	% Change	YTD 21 (P)	YTD 20 (R)	% Change YTD
National								
Metal Cutting	640.61	565.09	13.4%	297.34	115.4%	5,195.38	3,285.71	58.1%
Metal Forming & Fabricating	9.44	5.89	60.2%	10.31	-8.4%	119.89	81.90	46.4%
Total	650.05	570.98	13.8%	307.64	111.3%	5,315.26	3,367.61	57.8%
Regional								
Northeast								
Metal Cutting	115.11	90.97	26.5%	65.77	75.0%	890.40	582.33	52.9%
Metal Forming & Fabricating	D	D	110.1%	3.22	D	D	21.57	D
Total	D	D	27.4%	68.99	D	D	603.89	D
Southeast								
Metal Cutting	104.08	82.77	25.7%	20.29	413.1%	639.97	451.12	41.9%
Metal Forming & Fabricating	0.76	0.76	0.7%	D	D	23.26	D	D
Total	104.85	83.53	25.5%	D	D	663.23	D	D
North Central-East								
Metal Cutting	137.96	128.46	7.4%	69.08	99.7%	1,228.45	813.36	51.0%
Metal Forming & Fabricating	D	1.63	D	1.10	D	D	20.96	D
Total	D	130.09	D	70.18	D	D	834.32	D
North Central-West								
Metal Cutting	118.69	116.47	1.9%	74.37	59.6%	1,070.96	582.10	84.0%
Metal Forming & Fabricating	2.91	D	D	D	D	20.47	D	D
Total	121.59	D	D	D	D	1,091.43	D	D
South Central								
Metal Cutting	52.98	42.97	23.3%	20.25	161.6%	401.44	220.43	82.1%
Metal Forming & Fabricating	D	D	58.5%	D	-34.0%	D	D	123.7%
Total	D	D	24.1%	D	140.4%	D	D	83.6%
West								
Metal Cutting	111.78	103.45	8.1%	47.58	134.9%	964.15	636.38	51.5%
Metal Forming & Fabricating	D	D	-77.3%	D	D	D	D	11.6%
Total	D	D	7.4%	D	135.3%	D	D	51.2%



\$ = 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

Nov-21

Total National Orders (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 NOV	1,888	\$307,645	1,857	\$297,338	31	\$10,307
2020 DEC	2,742	\$449,091	2,694	\$441,384	48	\$7,707
2021 JAN	1,852	\$326,601	1,825	\$309,398	27	\$17,203
2021 FEB	2,009	\$376,580	1,969	\$362,030	40	\$14,550
2021 MAR	2,445	\$457,989	2,406	\$440,903	39	\$17,086
2021 APR	2,321	\$403,208	2,290	\$397,685	31	\$5,524
2021 MAY	2,429	\$444,841	2,396	\$437,178	33	\$7,663
2021 JUN	2,627	\$498,494	2,578	\$478,228	49	\$20,266
2021 JUL	2,177	\$457,808	2,137	\$450,102	40	\$7,706
2021 AUG	2,428	\$536,137	2,394	\$528,449	34	\$7,688
2021 SEP	2,915	\$592,573	2,880	\$585,706	35	\$6,867
2021 OCT	2,833	\$570,985	2,799	\$565,090	34	\$5,895
2021 NOV	3,270	\$650,049	3,217	\$640,608	53	\$9,441
Average	2,457	\$467,077	2,419	\$456,469	38	\$10,608

Regional

Northeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 NOV	380	\$68,990	370	\$65,766	10	\$3,223
2020 DEC	478	D	475	\$99,679	3	D
2021 JAN	331	D	331	\$54,474	0	D
2021 FEB	301	\$54,435	294	\$50,479	7	\$3,956
2021 MAR	424	D	424	\$79,942	0	D
2021 APR	400	D	396	\$73,344	4	D
2021 MAY	363	D	358	\$73,264	5	D
2021 JUN	459	\$87,455	446	\$85,764	13	\$1,691
2021 JUL	364	\$81,355	357	\$80,411	7	\$944
2021 AUG	436	\$85,605	430	\$84,786	6	\$819
2021 SEP	525	D	522	\$101,862	3	D
2021 OCT	497	D	494	\$90,969	3	D
2021 NOV	550	D	541	\$115,106	9	D
Average	424	\$82,625	418	\$81,219	5	\$1,406

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Net New Orders for U.S. Consumption

Nov-21

Southeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 NOV	253	D	246	\$20,287	7	D
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	537	\$104,848	527	\$104,085	10	\$763
Average	353	\$56,520	346	\$54,544	7	\$1,976

North Central-East Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 NOV	383	\$70,183	374	\$69,080	9	\$1,104
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	664	D	654	\$137,962	10	D
Average	519	\$109,897	510	\$106,709	10	\$3,188

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Net New Orders for U.S. Consumption

Nov-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 NOV	375	D	371	\$74,372	4	D
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	628	\$121,595	612	\$118,688	16	\$2,907
Average	488	\$96,532	479	\$94,624	9	\$1,907

South Central Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 NOV	140	D	139	\$20,252	1	D
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	294	D	288	\$52,983	6	D
Average	209	\$36,736	204	\$35,099	5	\$1,638

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Net New Orders for U.S. Consumption

Nov-21

West (Thousands of Dollars)

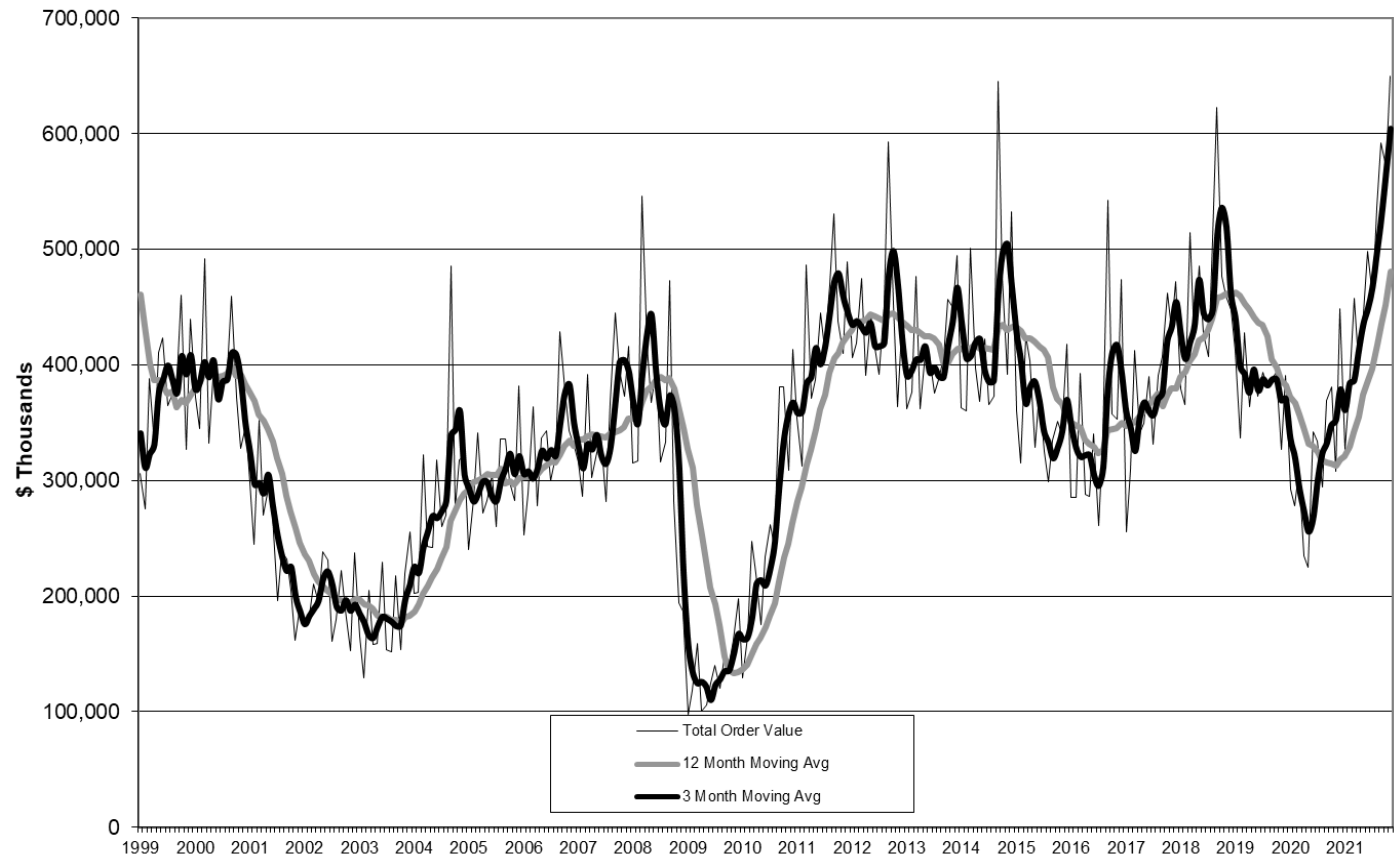
Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 NOV	357	D	357	\$47,580	0	D
2020 DEC	501	D	497	\$83,830	4	D
2021 JAN	347	D	343	\$56,795	4	D
2021 FEB	358	D	358	\$61,654	0	D
2021 MAR	479	D	477	\$76,592	2	D
2021 APR	432	D	428	\$65,622	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	597	D	595	\$111,785	2	D
Average	464	\$84,767	462	\$84,274	2	\$494

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U.S. Manufacturing Technology Orders

Total U.S. Manufacturing Technology Orders Through November 2021



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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

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

(USMTO data is also available at www.AMTonline.org.)

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