

Press Release

December 13, 2021

Past 90 Days Sees the Largest Streak in Manufacturing Technology Orders in Over 23 Years

McLean, Va. (December 13, 2021) – New orders of manufacturing technology totaled \$571.5 million in October 2021, according to the latest U.S. Manufacturing Technology Orders Report published by AMT – The Association For Manufacturing Technology. October orders declined 3.6% from September 2021 but increased by 50.2% over October 2020. Total orders in 2021 nearly reached \$4.7 billion, a 53% increase over 2020. The three consecutive months ending in October totaled \$1.7 billion, the largest three-month total since April 1998.

“The manufacturing technology market is flourishing in the current economic environment. Unfortunately, the impact on the bottom line isn’t as significant,” said Douglas K. Woods, president of AMT. “Our members are caught between higher material, component, and transportation costs and a customer base that is resisting price increases. This is an issue that will only grow worse if Federal Reserve actions this winter lead to higher interest rates. I believe it would be counterproductive to tighten monetary policies and raise the cost of expanding capacity at a time when our nation is experiencing an unparalleled supply chain disruption.”

The U.S. manufacturing technology market growth rate of 53% over 2020 levels is outstanding. It is particularly exciting because the critical component producers and industries hit hard by offshoring in the 1990s are driving this expansion through dramatic investments to expand U.S.-based capacity. These industries increased capital expenditure investment by multiples of previous years, far exceeding October’s market mean of 53%. The current level of manufacturing technology orders signals a start of manufacturers reinvesting in American-based production and strengthening of U.S. manufacturers’ supply chains.

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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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	Oct 2021 (P)	Previous Month	% Change	Year Ago Month	% Change	YTD 21 (P)	YTD 20 (R)	% Change YTD
National								
Metal Cutting	565.59	586.18	-3.5%	373.00	51.6%	4,555.42	2,988.37	52.4%
Metal Forming & Fabricating	5.89	6.87	-14.2%	7.59	-22.3%	110.45	71.59	54.3%
Total	571.48	593.04	-3.6%	380.58	50.2%	4,665.87	3,059.96	52.5%
Regional								
Northeast								
Metal Cutting	91.47	102.13	-10.4%	67.55	35.4%	775.74	516.56	50.2%
Metal Forming & Fabricating	0	0	13.6%	2.01	0	0	18.34	0
Total	0	0	-10.3%	69.56	0	0	534.90	0
Southeast								
Metal Cutting	82.77	63.66	30.0%	44.49	86.1%	535.89	430.83	24.4%
Metal Forming & Fabricating	0.76	0	0	0.99	-23.5%	22.50	10.05	123.9%
Total	83.53	0	0	45.48	83.7%	558.38	440.88	26.7%
North Central-East								
Metal Cutting	128.46	135.35	-5.1%	112.47	14.2%	1,090.49	744.28	46.5%
Metal Forming & Fabricating	1.63	0	0	0	0	36.28	0	0
Total	130.09	0	0	0	0	1,126.77	0	0
North Central-West								
Metal Cutting	116.47	120.72	-3.5%	73.27	59.0%	952.48	507.73	87.6%
Metal Forming & Fabricating	0	0.45	0	1.99	0	0	12.41	0
Total	0	121.18	0	75.26	0	0	520.14	0
South Central								
Metal Cutting	42.97	59.59	-27.9%	16.03	168.1%	348.46	200.18	74.1%
Metal Forming & Fabricating	0	1.96	0	0	27.1%	0	0	194.7%
Total	0	61.56	0	0	161.4%	0	0	77.3%
West								
Metal Cutting	103.45	104.72	-1.2%	59.20	74.8%	852.36	588.80	44.8%
Metal Forming & Fabricating	0	0	263.5%	0	-14.8%	0	0	8.2%
Total	0	0	-0.6%	0	73.3%	0	0	44.4%



\$ = millions of dollars
 P = preliminary
 R = revised
 * = percent change greater than 1,000%
 Totals may not match due to rounding

Note on fields marked 0: 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

Oct-21

Total National Orders (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 OCT	2,221	\$380,582	2,174	\$372,997	47	\$7,586
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	2,428	\$444,524	2,395	\$436,861	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	2,918	\$593,042	2,883	\$586,175	35	\$6,867
2021 OCT	2,838	\$571,483	2,804	\$565,588	34	\$5,895
Average	2,376	\$446,399	2,339	\$435,934	38	\$10,465

Regional

Northeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 OCT	406	\$69,560	396	\$67,554	10	\$2,006
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	362	D	357	\$72,947	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	526	D	523	\$102,126	3	D
2021 OCT	502	D	499	\$91,467	3	D
Average	413	\$79,008	408	\$77,595	5	\$1,413

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Net New Orders for U.S. Consumption

Oct-21

Southeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 OCT	319	\$45,478	312	\$44,487	7	\$990
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
Average	336	\$51,953	330	\$49,960	7	\$1,993

North Central-East Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 OCT	507	D	497	\$112,467	10	D
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
Average	507	\$107,842	497	\$104,748	10	\$3,094

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Net New Orders for U.S. Consumption

Oct-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 OCT	438	\$75,261	429	\$73,266	9	\$1,995
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	540	\$121,176	534	\$120,724	6	\$452
2021 OCT	541	D	537	\$116,471	4	D
Average	474	\$92,983	465	\$91,146	8	\$1,837

South Central Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 OCT	119	D	116	\$16,027	3	D
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
Average	195	\$33,830	190	\$32,256	5	\$1,575

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Net New Orders for U.S. Consumption

Oct-21

West (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 OCT	432	D	424	\$59,196	8	D
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
Average	451	\$80,782	449	\$80,228	3	\$554

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U.S. Manufacturing Technology Orders

Total U.S. Manufacturing Technology Orders Through October 2021

