

Press Release

September 12, 2022

Pullback in July 2022 Manufacturing Technology Orders May Signal Return to Typical Patterns

McLean, Va. (September 12, 2022) – New orders of manufacturing technology totaled \$291.9 million in July 2022, according to the latest U.S. Manufacturing Technology Orders report published by AMT – The Association For Manufacturing Technology. July orders decreased 6.1% from June 2022 and were off 14.3% from July 2021. Manufacturing technology orders in 2022 have reached a total of \$3.22 billion, an 8.7% increase over the first seven months of 2021.

“While July 2022 is down compared to July 2021, orders in both years were quite above what would be seen in a typical year,” said Douglas K. Woods, president of AMT. “Last year was the best on record and was particularly fueled by strong orders in the last third of the year, so it will be hard to match. However, given that orders are already nearly 9% over 2021, and with the typical boost to orders from IMTS, it appears possible to come close.”

The transportation sector, typically a driver of manufacturing technology orders, led the retreat into July. Orders placed by most motor vehicle manufacturing industries pulled back significantly in July after an outsized June order. Machine orders for railroad, ship, and other transportation manufacturing also decreased. The one bright spot in transportation was in aerospace, led by space and defense sectors, where orders nearly doubled from June to July 2021.

Manufacturing technology orders have benefited greatly from recent foreign direct investment, particularly in the manufacture of chips and batteries. “Not only has foreign direct investment in the United States benefited manufacturing in recent months, but the trend of reshoring has also greatly increased the need for additional capacity,” said Woods. “Metal valve manufacturers, whom we have highlighted in previous months, continue to place orders for machinery at levels that would be unheard of just a few years ago.

“The ongoing desire to create more resilient supply chains will continue to require more parts to be made domestically,” said Woods. “That demand has pushed manufacturing capacity utilization to an over two-decade high. If these trends continue, it could create a sustained need for additional manufacturing technologies – and particularly automation, should manufacturers continue to grapple with a shortage of labor.”

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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

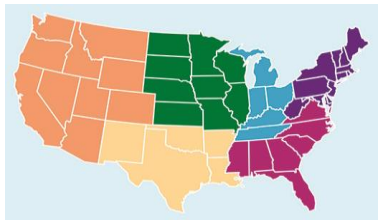
IMTS – International Manufacturing Technology Show - The largest and longest running manufacturing technology trade show in the United States is held every other year at McCormick Place in Chicago, Ill. IMTS 2022 will run Sept. 12-17. IMTS is ranked among the largest trade shows in the world. Recognized 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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Jul-22

	Jul 2022 (P)	Previous Month	% Change	Year Ago Month	% Change	YTD 22 (P)	YTD 21 (R)	% Change YTD
National								
Metal Cutting	381.82	407.50	-6.3%	449.49	-15.1%	3,160.32	2,875.10	9.9%
Metal Forming & Fabricating	10.10	10.04	0.7%	7.71	31.1%	63.60	90.11	-29.4%
Total	391.92	417.53	-6.1%	457.20	-14.3%	3,223.91	2,965.22	8.7%
Regional								
Northeast								
Metal Cutting	67.41	58.53	14.2%	80.59	-16.3%	498.59	502.15	-0.7%
Metal Forming & Fabricating	D	2.08	D	0.94	D	D	9.67	D
Total	D	60.62	D	81.53	D	D	511.82	D
Southeast								
Metal Cutting	54.05	54.55	-0.9%	51.63	4.7%	421.10	323.41	30.2%
Metal Forming & Fabricating	D	D	-39.9%	3.52	D	D	21.16	D
Total	D	D	-2.3%	55.15	D	D	344.57	D
North Central-East								
Metal Cutting	99.58	100.28	-2.4%	107.26	-7.2%	779.68	717.46	8.7%
Metal Forming & Fabricating	D	D	35.1%	1.60	D	D	27.74	D
Total	D	D	-1.9%	108.86	D	D	745.20	D
North Central-West								
Metal Cutting	56.09	70.32	-21.8%	92.53	-39.4%	583.26	597.97	-2.5%
Metal Forming & Fabricating	D	D	-67.8%	D	-57.1%	D	D	-46.6%
Total	D	D	-22.4%	D	-39.5%	D	D	-3.6%
South Central								
Metal Cutting	36.16	38.15	-3.3%	27.69	30.6%	275.88	203.69	35.4%
Metal Forming & Fabricating	D	D	-94.5%	D	-91.1%	D	D	-41.9%
Total	D	D	-6.8%	D	26.6%	D	D	31.6%
West								
Metal Cutting	68.52	81.69	-17.2%	89.80	-23.7%	601.81	530.42	13.5%
Metal Forming & Fabricating	D	D	156.2%	D	D	D	D	163.0%
Total	D	D	-13.1%	D	-18.0%	D	D	14.8%



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

Jul-22

Total National Orders (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2021 JUL	2,168	\$457,198	2,128	\$449,491	40	\$7,706
2021 AUG	2,428	\$537,081	2,393	\$529,328	35	\$7,753
2021 SEP	2,918	\$592,719	2,883	\$585,852	35	\$6,867
2021 OCT	2,825	\$570,109	2,791	\$564,214	34	\$5,895
2021 NOV	3,149	\$637,321	3,094	\$627,321	55	\$10,000
2021 DEC	2,635	\$593,676	2,604	\$585,005	31	\$8,671
2022 JAN	1,836	\$439,887	1,819	\$434,211	17	\$5,676
2022 FEB	2,142	\$477,776	2,114	\$461,703	28	\$16,073
2022 MAR	2,751	\$550,267	2,724	\$541,819	27	\$8,448
2022 APR	2,273	\$510,891	2,244	\$502,873	29	\$8,018
2022 MAY	2,080	\$440,175	2,045	\$434,932	35	\$5,243
2022 JUN	1,865	\$417,531	1,829	\$407,495	36	\$10,036
2022 JUL	1,745	\$391,923	1,730	\$381,819	15	\$10,104
Average	2,370	\$508,966	2,338	\$500,467	32	\$8,499

Regional

Northeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2021 JUL	365	\$81,530	358	\$80,586	7	\$944
2021 AUG	444	\$87,551	437	\$86,667	7	\$884
2021 SEP	535 D		532	\$102,636	3 D	
2021 OCT	499 D		496	\$91,219	3 D	
2021 NOV	530 D		521	\$112,499	9 D	
2021 DEC	454	D	451	\$89,447	3	D
2022 JAN	332	D	331	\$60,793	1	D
2022 FEB	339	D	332	\$66,187	7	D
2022 MAR	455	D	452	\$86,766	3	D
2022 APR	380	D	378	\$84,625	2	D
2022 MAY	347	\$76,180	338	\$74,269	9	\$1,911
2022 JUN	355	\$60,617	346	\$58,534	9	\$2,082
2022 JUL	325	D	321	\$67,412	4	D
Average	412	\$82,938	407	\$81,714	5	\$1,223

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Net New Orders for U.S. Consumption

Jul-22

Southeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2021 JUL	300	\$55,147	286	\$51,627	14	\$3,520
2021 AUG	319	D	318	\$63,737	1	D
2021 SEP	369	D	366	\$63,233	3	D
2021 OCT	475	\$82,919	469	\$82,161	6	\$758
2021 NOV	455	\$95,153	444	\$94,336	11	\$817
2021 DEC	364	D	357	\$87,222	7	D
2022 JAN	221	D	218	\$70,611	3	D
2022 FEB	296	D	293	\$67,635	3	D
2022 MAR	492	D	491	\$78,241	1	D
2022 APR	269	D	267	\$49,332	2	D
2022 MAY	212	D	208	\$46,678	4	D
2022 JUN	278	D	273	\$54,550	5	D
2022 JUL	263	D	261	\$54,054	2	D
Average	331	\$68,269	326	\$66,443	5	\$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
2021 JUL	476	\$108,862	467	\$107,259	9	\$1,602
2021 AUG	429	\$112,780	417	\$108,874	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	637	D	633	\$158,534	4	D
2022 JAN	452	\$124,383	446	\$122,678	6	\$1,704
2022 FEB	467	\$103,928	457	\$100,782	10	\$3,145
2022 MAR	523	D	518	\$111,802	5	D
2022 APR	518	D	510	\$120,947	8	D
2022 MAY	489	\$124,538	479	\$123,605	10	\$933
2022 JUN	356	D	350	\$100,278	6	D
2022 JUL	390	D	386	\$99,582	4	D
Average	506	\$121,570	498	\$119,590	8	\$1,980

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Net New Orders for U.S. Consumption

Jul-22

North Central-West Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2021 JUL	417	D	412	\$92,529	5	D
2021 AUG	551 D		546	\$119,510	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
2022 JAN	339	D	335	\$74,845	4	D
2022 FEB	396 D		392	\$91,896	4 D	
2022 MAR	496 D		489	\$103,923	7 D	
2022 APR	478	D	471	\$105,792	7	D
2022 MAY	396	\$81,150	390	\$80,388	6	\$762
2022 JUN	354	D	349	\$70,325	5	D
2022 JUL	266	D	264	\$56,091	2	D
Average	453	\$98,010	447	\$96,778	6	\$1,232

South Central Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2021 JUL	164	D	159	\$27,691	5	D
2021 AUG	222	D	213	\$38,550	9	D
2021 SEP	262	\$61,356	250	\$59,393	12	\$1,963
2021 OCT	233	D	225	\$42,455	8	D
2021 NOV	284	D	278	\$52,525	6	D
2021 DEC	175	D	170	\$30,599	5	D
2022 JAN	139	D	138	\$28,899	1	D
2022 FEB	176	D	174	\$40,192	2	D
2022 MAR	260	\$58,343	253	\$56,683	7	\$1,660
2022 APR	221	D	218	\$45,996	3	D
2022 MAY	201	D	196	\$29,804	5	D
2022 JUN	187	D	181	\$38,148	6	D
2022 JUL	176	D	175	\$36,159	1	D
Average	205	\$41,627	200	\$40,487	5	\$1,140

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Net New Orders for U.S. Consumption

Jul-22

West (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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
2022 JAN	354	D	352	\$76,510	2	D
2022 FEB	468	D	466	\$95,012	2	D
2022 MAR	526	D	522	\$104,764	4	D
2022 APR	407	D	400	\$96,182	7	D
2022 MAY	431	D	430	\$79,130	1	D
2022 JUN	405	D	400	\$81,694	5	D
2022 JUL	325	D	323	\$68,522	2	D
Average	464	\$96,552	461	\$95,455	3	\$1,097

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A statistical program by AMT

U.S. Manufacturing Technology Orders

Total U.S. Manufacturing Technology Orders Through July 2022



Total U.S. Machine Tool Orders

