

Press Release

Manufacturing Technology Orders Reach \$560 Million in August 2021, Highest Value Since September 2018

McLean, Va. (October 11, 2021) – Orders for manufacturing technology in August 2021 totaled \$560 million, according to the latest U.S. Manufacturing Technology Orders report published by AMT – The Association For Manufacturing Technology. August 2021 showed an increase of nearly 20% over July 2021 and 89% over August 2020. The year-to-date total reached \$3.55 billion, the highest value through the first eight months of any year since 1998.

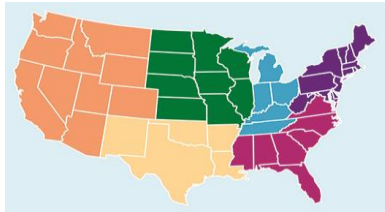
“The August numbers highlight the dramatic rebound from sales in 2020,” said Douglas K. Woods, president of AMT. “It was the highest level of orders since September 2018 and the sixth highest in the history of USMTO. The uniform growth in orders across industries seen earlier this year was reversed in August, when monthly growth across industries ranged from a decline of 16% to growth in excess of 400%.

“The value of orders placed by machine shops was the highest monthly total since September 2014, reflecting OEMs placing more off-shore component business onto their floor in addition to the expansion of their traditional customer base. Computer and peripheral equipment manufacturing had a massive increase in orders. Orders from the aerospace sector increased modestly over July 2021 but still lagged behind their pre-pandemic spending. Forecasts expect output from the aerospace sector to increase steadily through 2024, requiring an eventual increase in the volume of orders.”

AMT analysts have been following the steady downward trend in consumer confidence since its peak in April 2021. Their research indicates the abnormal summer surge in manufacturing technology orders could serve as an economy-wide stabilizer. Capital investment can alleviate the bottlenecks producers are experiencing due to labor supply issues. This can, in turn, reduce the pressure of inflation consumers are feeling by bringing supply and demand closer to alignment. Assuaging the fears of consumers would lead to more demand and could sustain the tidal wave the manufacturing technology industry is currently riding.

Aug-21

	Aug 2021 (P)	Previous Month	% Change	Year Ago Month	% Change	YTD 21 (P)	YTD 20 (R)	% Change YTD
National								
Metal Cutting	552.31	462.68	19.4%	287.93	91.8%	3,456.24	2,266.19	52.5%
Metal Forming & Fabricating	7.69	7.71	-0.2%	8.35	-7.9%	97.68	49.09	99.0%
Total	560.00	470.39	19.1%	296.29	89.0%	3,553.92	2,315.28	53.5%
Regional								
Northeast								
Metal Cutting	86.66	80.82	7.2%	39.76	118.0%	585.85	388.70	50.7%
Metal Forming & Fabricating	0.82	0.94	-13.2%	1.63	-49.6%	10.37	10.67	-2.8%
Total	87.48	81.76	7.0%	41.39	111.4%	596.22	399.37	49.3%
Southeast								
Metal Cutting	65.24	52.64	23.9%	42.92	52.0%	391.33	337.93	15.8%
Metal Forming & Fabricating	D	3.52	D	D	-78.2%	D	D	156.9%
Total	D	56.16	D	D	49.7%	D	D	19.2%
North Central-East								
Metal Cutting	112.30	110.88	1.3%	60.76	84.8%	833.87	553.79	50.6%
Metal Forming & Fabricating	3.91	1.60	143.8%	D	D	D	D	121.2%
Total	116.21	112.48	3.3%	D	D	D	D	52.4%
North Central-West								
Metal Cutting	124.72	95.05	31.2%	59.44	109.8%	724.52	358.52	102.1%
Metal Forming & Fabricating	D	D	-59.9%	D	-73.3%	D	D	95.8%
Total	D	D	30.5%	D	106.6%	D	D	101.9%
South Central								
Metal Cutting	45.84	30.26	51.5%	27.05	69.5%	264.14	167.11	58.1%
Metal Forming & Fabricating	D	D	167.9%	D	862.8%	D	D	267.7%
Total	D	D	55.0%	D	77.0%	D	D	62.5%
West								
Metal Cutting	117.54	93.04	26.3%	58.01	102.6%	656.53	460.14	42.7%
Metal Forming & Fabricating	D	D	D	D	-91.1%	D	D	24.9%
Total	D	D	26.4%	D	101.5%	D	D	42.5%



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

Aug-21

Total National Orders (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 AUG	1,669	\$296,286	1,650	\$287,935	19	\$8,351
2020 SEP	2,327	\$373,143	2,284	\$358,227	43	\$14,915
2020 OCT	2,243	\$382,754	2,196	\$375,168	47	\$7,586
2020 NOV	1,918	\$309,957	1,887	\$299,650	31	\$10,307
2020 DEC	2,782	\$451,994	2,734	\$444,287	48	\$7,707
2021 JAN	1,881	\$328,724	1,854	\$311,521	27	\$17,203
2021 FEB	2,028	\$378,577	1,988	\$364,027	40	\$14,550
2021 MAR	2,465	\$459,236	2,426	\$442,150	39	\$17,086
2021 APR	2,342	\$405,405	2,311	\$399,881	31	\$5,524
2021 MAY	2,487	\$449,632	2,454	\$441,970	33	\$7,663
2021 JUN	2,663	\$501,963	2,614	\$481,697	49	\$20,266
2021 JUL	2,274	\$470,387	2,234	\$462,681	40	\$7,706
2021 AUG	2,605	\$559,999	2,571	\$552,311	34	\$7,688
Average	2,283	\$412,928	2,246	\$401,654	37	\$11,273

Regional

Northeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 AUG	283	\$41,385	278	\$39,759	5	\$1,626
2020 SEP	422	D	408	\$61,472	14	D
2020 OCT	411	\$70,081	401	\$68,075	10	\$2,006
2020 NOV	382	\$69,177	372	\$65,954	10	\$3,223
2020 DEC	481	D	478	\$100,172	3	D
2021 JAN	337	D	337	\$54,820	0	D
2021 FEB	302	\$54,493	295	\$50,537	7	\$3,956
2021 MAR	428	D	428	\$80,166	0	D
2021 APR	403	D	399	\$73,650	4	D
2021 MAY	366	D	361	\$73,322	5	D
2021 JUN	462	\$87,568	449	\$85,877	13	\$1,691
2021 JUL	370	\$81,760	363	\$80,816	7	\$944
2021 AUG	453	\$87,481	447	\$86,663	6	\$819
Average	392	\$72,710	386	\$70,868	6	\$1,842

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Net New Orders for U.S. Consumption

Aug-21

Southeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 AUG	238	D	236	\$42,922	2	D
2020 SEP	330	\$49,169	326	\$48,413	4	\$756
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	311	\$56,164	297	\$52,643	14	\$3,520
2021 AUG	333	D	332	\$65,241	1	D
Average	316	\$47,886	309	\$45,866	6	\$2,020

North Central-East Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 AUG	326	D	323	\$60,759	3	D
2020 SEP	502	\$82,754	491	\$78,022	11	\$4,732
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	500	\$112,480	491	\$110,878	9	\$1,602
2021 AUG	452	\$116,210	440	\$112,304	12	\$3,906
Average	482	\$99,115	472	\$95,684	10	\$3,431

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Net New Orders for U.S. Consumption

Aug-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 AUG	329	D	325	\$59,444	4	D
2020 SEP	447	\$78,004	442	\$75,942	5	\$2,062
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	460	D	456	\$81,759	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	436	D	431	\$95,048	5	D
2021 AUG	580	D	575	\$124,725	5	D
Average	454	\$86,011	446	\$84,025	8	\$1,986

South Central Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 AUG	157	D	153	\$27,045	4	D
2020 SEP	169	D	164	\$22,690	5	D
2020 OCT	132	D	129	\$17,327	3	D
2020 NOV	162	D	161	\$21,869	1	D
2020 DEC	265	D	262	\$36,451	3	D
2021 JAN	193	D	189	\$26,463	4	D
2021 FEB	147	D	147	\$20,181	0	D
2021 MAR	209	\$34,289	203	\$30,368	6	\$3,921
2021 APR	216	D	214	\$32,633	2	D
2021 MAY	257	D	254	\$38,316	3	D
2021 JUN	231	D	226	\$40,076	5	D
2021 JUL	188	D	183	\$30,259	5	D
2021 AUG	277	D	268	\$45,842	9	D
Average	200	\$31,412	196	\$29,963	4	\$1,449

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Net New Orders for U.S. Consumption

Aug-21

West (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 AUG	336	D	335	\$58,006	1	D
2020 SEP	457	D	453	\$71,687	4	D
2020 OCT	436	D	428	\$59,547	8	D
2020 NOV	363	D	363	\$48,089	0	D
2020 DEC	510	D	506	\$84,374	4	D
2021 JAN	349	D	345	\$56,942	4	D
2021 FEB	369	D	369	\$63,012	0	D
2021 MAR	485	D	483	\$76,979	2	D
2021 APR	437	D	433	\$66,264	4	D
2021 MAY	493	D	492	\$86,204	1	D
2021 JUN	493	D	489	\$96,553	4	D
2021 JUL	469	D	469	\$93,037	0	D
2021 AUG	510	D	509	\$117,537	1	D
Average	439	\$75,794	436	\$75,249	3	\$545

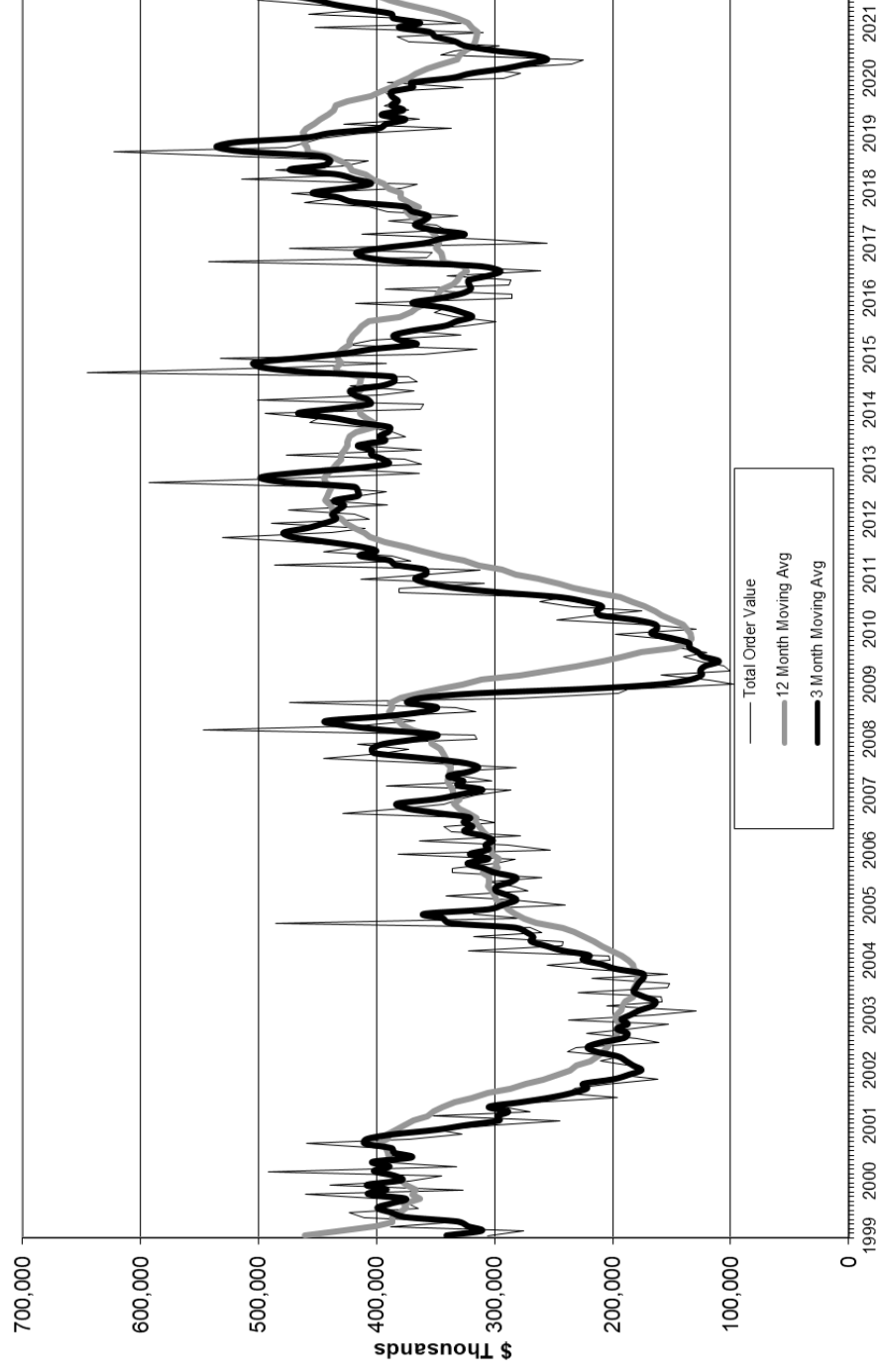
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A statistical program by AMT

U.S. Manufacturing Technology Orders

Total U.S. Manufacturing Technology Orders Through August 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, Virginia, 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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