

## Press Release

# US Manufacturing Technology Orders total \$448 million in May 2021, an increase of 11% from April, pushing the 2021 total over the \$2 billion mark

McLean, Va. (July 12, 2021) – U.S. Manufacturing Technology Orders totaled \$448 million in May 2021, according to the latest U.S. Manufacturing Technology Orders report published by AMT – The Association For Manufacturing Technology. May 2021 orders increased 11% over April orders and were nearly double that of May 2020. Total orders for 2021 topped \$2 billion two months before that milestone was reached in 2020.

“Given the state of the economy last year, orders were expected to be up, but so far, 2021 is shaping up to be a historic year,” said Douglas K. Woods, president of AMT. “In only three other years since 1998 have orders surpassed \$2 billion by May. Manufacturers across the industry have expressed broadly positive sentiment, so we would expect the remainder of the year not only to return to the pre-pandemic trend but also to exceed previous forecasts.

“Despite the general optimism felt across manufacturing sectors, one common impediment to growth is the inability to find sufficient labor. Manufacturing employment is still about half a million jobs below pre-pandemic levels, and the current number of open positions in the manufacturing industry is double the February 2020 level. Growth with fewer employees occurs regularly during manufacturing recessions, according to work done by the Brookings Institution. Studies have found that manufacturers in a position to do so will leverage a slowdown to invest in greater automation and more sophisticated production equipment. The result is a more productive in-place workforce, but continued growth is dependent on a larger, more skilled manufacturing labor pool.

“Now, and during the recession, our members have reported that automation and new-tech sales continued to grow or barely saw a pause in order levels. Without these investments, growth in recovery would have been more susceptible to supply chain disruptions. We have seen industries with modest domestic capacity increase investments in production capacity by multiples of pre-2020 levels. Metal valve manufacturers, whose products are used as components in nearly every corner of manufacturing, increased orders by staggering margins in May 2021, suggesting that U.S. manufacturers are shoring up supply chain risks by looking to domestic sources.”

# # #

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)

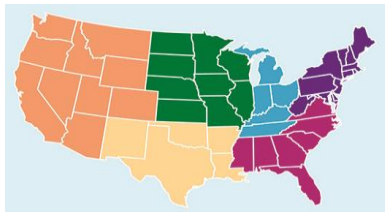
IMTS – International Manufacturing Technology Show - The largest and longest running manufacturing technology trade show in the United States is held every other year at McCormick Place in Chicago, Ill. IMTS 2022 will run Sept. 12-17. IMTS is ranked among the largest trade shows in the world. Recognized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

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May-21

	May 2021 (P)	Previous Month	% Change	Year Ago Month	% Change	YTD 21 (P)	YTD 20 (R)	% Change YTD
<b>National</b>								
Metal Cutting	440.47	398.56	10.5%	218.00	102.1%	1,955.07	1,311.23	49.1%
Metal Forming & Fabricating	7.66	5.52	38.7%	6.73	13.9%	62.02	31.59	96.3%
Total	448.13	404.08	10.9%	224.73	99.4%	2,017.09	1,342.82	50.2%
<b>Regional</b>								
<b>Northeast</b>								
Metal Cutting	72.88	73.96	-1.5%	34.99	108.3%	332.14	237.70	39.7%
Metal Forming & Fabricating	D	D	-30.3%	0.29	D	D	8.20	D
Total	D	D	-2.1%	35.27	D	D	245.90	D
<b>Southeast</b>								
Metal Cutting	51.54	42.47	21.3%	36.70	40.4%	217.52	203.82	6.7%
Metal Forming & Fabricating	3.26	D	D	D	D	10.80	D D	
Total	54.80	D	D	D	D	228.32	D D	
<b>North Central-East</b>								
Metal Cutting	93.41	101.01	-7.5%	49.50	88.7%	507.39	304.56	66.6%
Metal Forming & Fabricating	D	1.61	D	0.82	D	D	D	201.0%
Total	D	102.63	D	50.32	D	D	D	70.1%
<b>North Central-West</b>								
Metal Cutting	98.23	81.70	20.2%	33.99	189.0%	399.98	213.53	87.3%
Metal Forming & Fabricating	2.41	D	D	D	D	12.12	D	D
Total	100.64	D	D	D	D	412.09	D	D
<b>South Central</b>								
Metal Cutting	37.98	33.16	14.6%	16.95	124.0%	148.59	99.63	49.1%
Metal Forming & Fabricating	D	D	173.0%	D	-92.0%	D	D	65.0%
Total	D	D	14.9%	D	97.4%	D	D	49.6%
<b>West</b>								
Metal Cutting	86.44	66.25	30.5%	45.87	88.4%	349.45	251.99	38.7%
Metal Forming & Fabricating	D	D	-76.4%	D	-64.8%	D	D	62.3%
Total	D	D	29.3%	D	86.7%	D	D	38.9%



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

May-21

## Total National Orders (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 MAY	1,602	\$224,727	1,570	\$217,998	32	\$6,730
2020 JUN	2,126	\$346,102	2,092	\$341,552	34	\$4,550
2020 JUL	1,836	\$336,035	1,807	\$331,441	29	\$4,594
2020 AUG	1,687	\$297,586	1,668	\$289,234	19	\$8,351
2020 SEP	2,334	\$373,711	2,291	\$358,795	43	\$14,915
2020 OCT	2,247	\$382,962	2,200	\$375,376	47	\$7,586
2020 NOV	1,922	\$310,365	1,891	\$300,058	31	\$10,307
2020 DEC	2,794	\$453,097	2,746	\$445,389	48	\$7,707
2021 JAN	1,876	\$329,262	1,849	\$312,060	27	\$17,203
2021 FEB	2,012	\$377,458	1,972	\$362,908	40	\$14,550
2021 MAR	2,441	\$458,151	2,402	\$441,065	39	\$17,086
2021 APR	2,319	\$404,084	2,288	\$398,560	31	\$5,524
2021 MAY	2,435	\$448,135	2,402	\$440,472	33	\$7,663
Average	2,125	\$364,744	2,091	\$354,993	35	\$9,751

## Regional

### Northeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 MAY	242	\$35,272	239	\$34,985	3	\$287
2020 JUN	429	D	423	\$64,997	6	D
2020 JUL	307	D	306	\$46,249	1	D
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	332	D	332	\$54,696	0	D
2021 FEB	301	\$54,484	294	\$50,527	7	\$3,956
2021 MAR	423	D	423	\$80,082	0	D
2021 APR	402	D	398	\$73,960	4	D
2021 MAY	356	D	351	\$72,878	5	D
Average	367	\$64,264	362	\$62,601	5	\$1,663

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# Net New Orders for U.S. Consumption

May-21

## Southeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 MAY	239	D	232	\$36,696	7	D
2020 JUN	310	D	306	\$46,200	4	D
2020 JUL	330	\$51,011	321	\$49,096	9	\$1,915
2020 AUG	252	D	250	\$44,015	2	D
2020 SEP	337	\$49,737	333	\$48,982	4	\$756
2020 OCT	320	\$45,538	313	\$44,547	7	\$990
2020 NOV	254	D	247	\$20,404	7	D
2020 DEC	439	\$50,106	432	\$49,400	7	\$706
2021 JAN	247	\$42,290	241	\$40,896	6	\$1,395
2021 FEB	272	D	268	\$35,286	4	D
2021 MAR	333	\$52,317	325	\$47,322	8	\$4,995
2021 APR	271	D	264	\$42,474	7	D
2021 MAY	308	\$54,796	301	\$51,538	7	\$3,259
Average	301	\$44,409	295	\$42,835	6	\$1,574

## North Central-East Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 MAY	338	\$50,324	329	\$49,504	9	\$820
2020 JUN	389	D	383	\$71,087	6	D
2020 JUL	419	\$118,673	410	\$117,385	9	\$1,288
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	396	\$88,749	385	\$76,153	11	\$12,596
2021 FEB	539	\$128,680	524	\$120,607	15	\$8,073
2021 MAR	539	\$117,871	530	\$116,211	9	\$1,660
2021 APR	531	\$102,626	521	\$101,011	10	\$1,615
2021 MAY	470	D	466	\$93,406	4	D
Average	452	\$91,957	443	\$88,875	9	\$3,082

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*Net New Orders for U.S. Consumption*

May-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 MAY	243	D	240	\$33,985	3	D
2020 JUN	326	\$49,933	322	\$49,087	4	\$846
2020 JUL	247	D	238	\$36,458	9	D
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	356	D	354	\$56,496	2	D
2021 FEB	387	\$75,213	373	\$73,280	14	\$1,933
2021 MAR	459	D	445	\$90,267	14	D
2021 APR	458	D	454	\$81,704	4	D
2021 MAY	575	\$100,642	562	\$98,229	13	\$2,413
Average	399	\$70,091	392	\$68,255	8	\$1,836

## South Central Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 MAY	155	D	151	\$16,953	4	D
2020 JUN	201	D	198	\$23,380	3	D
2020 JUL	160	D	160	\$18,913	0	D
2020 AUG	161	D	157	\$27,251	4	D
2020 SEP	169	D	164	\$22,690	5	D
2020 OCT	135	D	132	\$17,475	3	D
2020 NOV	165	D	164	\$22,160	1	D
2020 DEC	270	D	267	\$36,971	3	D
2021 JAN	198	D	194	\$26,918	4	D
2021 FEB	146	D	146	\$20,203	0	D
2021 MAR	206	\$34,256	200	\$30,335	6	\$3,921
2021 APR	222	D	220	\$33,157	2	D
2021 MAY	247	D	244	\$37,982	3	D
Average	187	\$26,731	184	\$25,722	3	\$1,009

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*Net New Orders for U.S. Consumption*

May-21

West (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2020 MAY	385	D	379	\$45,874	6	D
2020 JUN	471	D	460	\$86,801	11	D
2020 JUL	373	D	372	\$63,339	1	D
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	347	D	343	\$56,902	4	D
2021 FEB	367	D	367	\$63,005	0	D
2021 MAR	481	D	479	\$76,849	2	D
2021 APR	435	D	431	\$66,253	4	D
2021 MAY	479	D	478	\$86,440	1	D
Average	418	\$67,292	415	\$66,705	4	\$587

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A statistical program by AMT

U.S. Manufacturing Technology Orders

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

