

## Press Release

May 9, 2022

# Manufacturing Technology Orders in 2022 had Strongest Q1 in Over Two Decades

McLean, Va. (May 9, 2022) – Monthly orders of manufacturing technology surpassed half a billion dollars for the first time in 2022, totaling \$552.3 million in March, according to the latest U.S. Manufacturing Technology Orders Report published by AMT – The Association For Manufacturing Technology. March 2022 orders were 15.2% higher than February 2022 orders and 20.4% higher than March 2021. The first quarter of 2022 had orders totaling \$1.47 billion, 26.5% higher than the first quarter of 2021 and the highest Q1 of any year since 1998.

“The first quarter of 2022 has been extremely impressive for manufacturing technology orders,” said Pat McGibbon, Chief Knowledge Officer at AMT. “Previous forecasts had predicted a strong beginning to 2022 and a soft summer which would rebound by IMTS in September, as summer orders are often delayed in anticipation of new products being exhibited at IMTS. However, inflation, the war, and saber-rattling in the east are creating a level of uncertainty and risk that businesses must consider. Despite these challenges, we see the manufacturing sector continuing to invest in additional capacity.”

According to the ISM® Report On Business® – Manufacturing (PMI®), the manufacturing sector grew in March but at a slower rate than in previous months. Growing backlogs at all levels of the manufacturing sector have been expanding in the last several months. “The rebound of demand for manufactured goods overwhelmed supply chains and created a backlog of orders,” said McGibbon. “This backlog is now propping up a floor on the demand for manufacturing technology. As consumer demand varies from month to month, tackling these backlogs necessitate additional machinery capacity.”

Despite the near-record orders for manufacturing technology, the first quarter of 2022 had the first negative GDP growth since the onset of COVID. The contraction was primarily due to a widening trade imbalance that masks the underlying strength of the consumer. “To have one of the best quarters in manufacturing technology orders and then find out GDP was contracting over the same time almost defies logic,” said McGibbon. “However, there have been many instances over the past several months where orders have been up, despite some headwind that would have been a major issue for the industry prior to COVID.”

Economists had predicted consumer demand would soon shift back to services, but this shift has been happening at a slower rate than anticipated. McGibbon said, “Supply-side issues continue to conceal the true potential of consumer demand for manufactured goods, where expenditures have been slipping the past few months. While these issues result in shortages for industries that manufacture final consumer goods, manufacturers of components farther from the consumer are amassing backlogs. Assuming demand for the final good persists despite growing delivery times and rising prices, these growing backlogs for components could fuel demand for manufacturing technology well into the summer months.”

**# # #**

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).)

ISSN# 07082019

	Mar 2022 (P)	Previous Month	% Change	Year Ago Month	% Change	YTD 22 (P)	YTD 21 (R)	% Change YTD
<b>National</b>								
Metal Cutting	543.81	463.14	17.4%	441.65	23.1%	1,441.58	1,114.82	29.3%
Metal Forming & Fabricating	8.45	16.07	-47.4%	17.09	-50.6%	30.20	48.96	-38.3%
<b>Total</b>	<b>552.26</b>	<b>479.22</b>	<b>15.2%</b>	<b>458.73</b>	<b>20.4%</b>	<b>1,471.78</b>	<b>1,163.77</b>	<b>26.5%</b>
<b>Regional</b>								
<b>Northeast</b>								
Metal Cutting	88.01	66.75	31.8%	80.69	9.1%	215.64	187.38	15.1%
Metal Forming & Fabricating	D	D	-15.5%	#DIV/0!	D	D	D	-22.0%
<b>Total</b>	<b>D</b>	<b>D</b>	<b>30.7%</b>	<b>D</b>	<b>10.8%</b>	<b>D</b>	<b>D</b>	<b>14.3%</b>
<b>Southeast</b>								
Metal Cutting	78.11	67.86	15.1%	46.91	66.5%	216.73	122.78	76.5%
Metal Forming & Fabricating	D	D	-97.1%	5.00	D	D	D	50.5%
<b>Total</b>	<b>D</b>	<b>D</b>	<b>1.1%</b>	<b>51.91</b>	<b>D</b>	<b>D</b>	<b>D</b>	<b>75.1%</b>
<b>North Central-East</b>								
Metal Cutting	112.23	100.78	11.4%	117.46	-4.5%	335.57	315.30	6.4%
Metal Forming & Fabricating	D	3.15	D	1.66	D	D	22.33	D
<b>Total</b>	<b>D</b>	<b>103.93</b>	<b>D</b>	<b>119.12</b>	<b>D</b>	<b>D</b>	<b>337.63</b>	<b>D</b>
<b>North Central-West</b>								
Metal Cutting	104.05	91.98	13.1%	90.27	15.3%	270.88	220.15	23.0%
Metal Forming & Fabricating	D	D	861.5%	D	-69.5%	D	D	-57.1%
<b>Total</b>	<b>D</b>	<b>D</b>	<b>14.9%</b>	<b>D</b>	<b>10.0%</b>	<b>D</b>	<b>D</b>	<b>19.9%</b>
<b>South Central</b>								
Metal Cutting	56.68	40.75	39.1%	29.73	90.6%	126.51	74.16	70.6%
Metal Forming & Fabricating	1.66	D	D	3.92	-57.7%	2.93	4.08	-28.4%
<b>Total</b>	<b>58.34</b>	<b>D</b>	<b>D</b>	<b>33.65</b>	<b>73.4%</b>	<b>129.43</b>	<b>78.25</b>	<b>65.4%</b>
<b>West</b>								
Metal Cutting	95.01	76.51	24.2%	61.65	54.1%	276.25	195.04	41.6%
Metal Forming & Fabricating	D	D	-87.9%	D	D	D	D	47.1%
<b>Total</b>	<b>D</b>	<b>D</b>	<b>22.2%</b>	<b>D</b>	<b>54.4%</b>	<b>D</b>	<b>D</b>	<b>41.7%</b>



- 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

Mar-22

Total National Orders (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2021 MAR	2,451	\$458,733	2,412	\$441,647	39	\$17,086
2021 APR	2,325	\$403,805	2,294	\$398,282	31	\$5,524
2021 MAY	2,434	\$445,581	2,401	\$437,918	33	\$7,663
2021 JUN	2,627	\$498,481	2,578	\$478,215	49	\$20,266
2021 JUL	2,178	\$457,983	2,138	\$450,276	40	\$7,706
2021 AUG	2,437	\$538,241	2,402	\$530,488	35	\$7,753
2021 SEP	2,925	\$593,346	2,890	\$586,479	35	\$6,867
2021 OCT	2,835	\$571,235	2,801	\$565,340	34	\$5,895
2021 NOV	3,159	\$638,133	3,104	\$628,133	55	\$10,000
2021 DEC	2,642	\$594,300	2,611	\$585,629	31	\$8,671
2022 JAN	1,841	\$440,304	1,824	\$434,628	17	\$5,676
2022 FEB	2,152	\$479,215	2,124	\$463,143	28	\$16,073
2022 MAR	2,758	\$552,257	2,731	\$543,809	27	\$8,448
Average	2,520	\$513,201	2,485	\$503,384	35	\$9,817

Regional

Northeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2021 MAR	430 D		430	\$80,687	0 D	
2021 APR	404 D		400	\$73,941	4 D	
2021 MAY	368 D		363	\$74,004	5 D	
2021 JUN	461	\$87,933	448	\$86,243	13	\$1,691
2021 JUL	365	\$81,530	358	\$80,586	7	\$944
2021 AUG	445	\$87,709	438	\$86,825	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	333 D		332	\$60,879	1 D	
2022 FEB	340 D		333	\$66,754	7 D	
2022 MAR	459 D		456	\$88,005	3 D	
Average	433	\$85,239	428	\$84,133	5	\$1,107

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Net New Orders for U.S. Consumption

Mar-22

Southeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	459	\$95,501	448	\$94,684	11	\$817
2021 DEC	366	D	359	\$87,360	7	D
2022 JAN	223	D	220	\$70,765	3	D
2022 FEB	299	D	296	\$67,861	3	D
2022 MAR	492	D	491	\$78,107	1	D
Average	361	\$68,800	355	\$66,061	6	\$2,740

North Central-East Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	525	D	520	\$99,125	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	635	\$137,037	624	\$134,484	11	\$2,553
2021 DEC	637	D	633	\$158,534	4	D
2022 JAN	451	\$124,257	445	\$122,553	6	\$1,704
2022 FEB	467	\$103,928	457	\$100,782	10	\$3,145
2022 MAR	524	D	519	\$112,230	5	D
Average	533	\$118,881	525	\$116,981	8	\$1,901

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*Net New Orders for U.S. Consumption*

Mar-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 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	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	397	D	393	\$91,984	4	D
2022 MAR	497	D	490	\$104,051	7	D
Average	493	\$103,305	485	\$101,483	8	\$1,821

South Central Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	290	D	284	\$52,989	6	D
2021 DEC	180	D	175	\$31,085	5	D
2022 JAN	141	D	140	\$29,077	1	D
2022 FEB	181	D	179	\$40,749	2	D
2022 MAR	260	\$58,343	253	\$56,683	7	\$1,660
Average	214	\$41,211	208	\$39,585	5	\$1,625

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*Net New Orders for U.S. Consumption*

Mar-22

West (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	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	\$104,731	4	D
Average	487	\$95,765	485	\$95,141	2	\$624

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U.S. Manufacturing Technology Orders

# Total U.S. Manufacturing Technology Orders Through March 2022

