



A statistical program by AMT

U.S. MANUFACTURING TECHNOLOGY ORDERS

Press Release

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FOR IMMEDIATE RELEASE

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March 2023 Orders Total \$543 Million, One of the Largest March Totals Since 2008

McLean, Va. (May 8, 2023) – New orders of manufacturing technology totaled \$543.2 million in March 2023, according to the latest U.S. Manufacturing Technology Orders Report published by AMT – The Association For Manufacturing Technology. March orders were up 16.5% over February 2023 orders and just under 2% below March 2022 orders. Orders through the first quarter of 2023 totaled \$1.36 billion, just 7.5% below the first quarter of 2022.

“Based on historical trends, we expected March to be an improvement over February,” said Douglas K. Woods, president of AMT. “In an upside surprise, March 2023 is the first month of orders of over half a billion dollars since IMTS and one of the largest March totals since 2008. While most industries we track increased orders in March 2023, several were particularly boosted, as they were the beneficiaries of last year’s infrastructure and chips bills that have begun to be implemented.”

Construction machinery manufacturers greatly increased their orders in March 2023, ordering the most machines in a single month since April 2008. Contract machine shops, which account for the largest share of orders in a month, nearly doubled their orders from February 2023 and placed the highest number of orders since IMTS in September 2022. The aerospace industry placed their highest level of orders this year, and manufacturers of motor vehicle transmissions placed their largest order since June 2022.

“Investments made by automakers show the need for additional internal combustion engine manufacturing capacity as a bridge during the transition to electric vehicles,” said Woods.

He continued: “Despite the optimistic tone of March orders, there are several headwinds that could result in a summer cooling for the manufacturing technology industry. Although many economists have been predicting a recession for months, the general thinking now points to a slowdown toward the end of the summer or early fall. Last week, Federal Reserve Chair Jerome Powell said he expects growth to remain below trend for some time, even if it doesn’t turn negative. Anecdotally, we have been hearing that quotation activity has already begun to slow, and given the typical sales cycle, that could translate into some softness in manufacturing technology orders later this year, in line with the economic predictions.”



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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.AMTOonline.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 2024 will run Sept. 9-14. 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 2022 had 86,307 registrants, 1,212,806 net square feet of exhibit space, 1,602 booths, and 1,816 exhibiting companies. IMTS is owned and produced by AMT – The Association For Manufacturing Technology.

(USMTO data is also available at www.AMTOonline.org.)

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	Mar 2023(P)	Previous Month	% Change	Year Ago Month	% Change	YTD 22 (P)	YTD 21 (R)	% Change YTD
National								
Metal Cutting	536.58	459.83	16.7%	544.48	-1.5%	1,339.09	1,440.93	-7.1%
Metal Forming & Fabricating	6.62	6.44	2.8%	8.45	-21.6%	20.99	30.20	-30.5%
Total	543.20	466.27	16.5%	552.93	-1.8%	1,360.07	1,471.13	-7.5%
Regional								
Northeast								
Metal Cutting	98.85	62.68	57.7%	86.66	14.1%	225.17	214.59	4.9%
Metal Forming & Fabricating	1.47	D	D	D	D	3.23	D	D
Total	100.31	D	D	D	D	228.40	D	D
Southeast								
Metal Cutting	70.77	35.73	98.1%	78.07	-9.3%	139.50	215.71	-35.3%
Metal Forming & Fabricating	D	D	213.1%	D	580.7%	D	D	-53.0%
Total	D	D	100.1%	D	-7.2%	D	D	-36.2%
North Central-East								
Metal Cutting	142.61	182.41	-21.8%	112.17	27.1%	404.51	335.47	20.6%
Metal Forming & Fabricating	D	D	-57.1%	D	-54.7%	D	D	-44.1%
Total	D	D	-22.1%	D	26.3%	D	D	19.4%
North Central-West								
Metal Cutting	106.52	91.22	16.8%	105.21	1.2%	275.53	270.82	1.7%
Metal Forming & Fabricating	D	D	*	D	-1.1%	D	D	27.0%
Total	D	D	18.6%	D	1.2%	D	D	2.1%
South Central								
Metal Cutting	43.48	39.81	9.2%	57.07	-23.8%	125.46	126.65	-0.9%
Metal Forming & Fabricating	0.88	D	D	1.66	-47.1%	1.69	2.93	-42.3%
Total	44.36	D	D	58.73	-24.5%	127.15	129.58	-1.9%
West								
Metal Cutting	74.34	47.98	54.9%	105.29	-29.4%	168.92	277.68	-39.2%
Metal Forming & Fabricating	D	D	D	D	D	D	D	-21.8%
Total	D	D	48.3%	D	-30.8%	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

Mar-23

Total National Orders (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2022 MAR	2,770	\$552,926	2,743	\$544,477	27	\$8,448
2022 APR	2,281	\$512,958	2,252	\$504,940	29	\$8,018
2022 MAY	2,079	\$439,331	2,044	\$434,089	35	\$5,243
2022 JUN	1,966	\$418,533	1,930	\$408,497	36	\$10,036
2022 JUL	1,751	\$395,663	1,736	\$385,559	15	\$10,104
2022 AUG	2,227	\$460,449	2,198	\$455,898	29	\$4,551
2022 SEP	2,409	\$516,665	2,375	\$503,329	34	\$13,336
2022 OCT	2,250	\$458,155	2,226	\$450,455	24	\$7,700
2022 NOV	1,969	\$441,083	1,945	\$429,866	24	\$11,217
2022 DEC	2,089	\$436,103	2,045	\$421,169	44	\$14,934
2023 JAN	1,674	\$350,603	1,638	\$342,674	36	\$7,929
2023 FEB	1,615	\$466,272	1,589	\$459,833	26	\$6,439
2023 MAR	2,275	\$543,199	2,243	\$536,578	32	\$6,620
Average	2,104	\$460,918	2,074	\$452,105	30	\$8,814

Regional

Northeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2022 MAR	455	D	452	\$86,659	3	D
2022 APR	378	D	376	\$84,284	2	D
2022 MAY	346	\$75,883	337	\$73,973	9	\$1,911
2022 JUN	358	\$61,952	349	\$59,870	9	\$2,082
2022 JUL	325 D		321	\$67,270	4 D	
2022 AUG	378	D	374	\$72,173	4	D
2022 SEP	431	D	426	\$80,447	5	D
2022 OCT	369	D	365	\$72,214	4	D
2022 NOV	335	D	333	\$81,139	2	D
2022 DEC	429	\$96,117	419	\$91,326	10	\$4,791
2023 JAN	318	D	317	\$63,637	1	D
2023 FEB	274	D	270	\$62,684	4	D
2023 MAR	428	\$100,314	421	\$98,848	7	\$1,466
Average	371	\$78,018	366	\$76,502	5	\$1,516

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Net New Orders for U.S. Consumption

Mar-23

Southeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2022 MAR	491	D	490	\$78,073	1	D
2022 APR	268	D	266	\$49,216	2	D
2022 MAY	215	D	211	\$47,032	4	D
2022 JUN	280	D	275	\$55,004	5	D
2022 JUL	263	D	261	\$54,054	2	D
2022 AUG	251	D	249	\$55,479	2	D
2022 SEP	338	\$71,610	332	\$70,175	6	\$1,435
2022 OCT	418	D	416	\$55,946	2	D
2022 NOV	267	D	265	\$51,708	2	D
2022 DEC	299	D	296	\$63,831	3	D
2023 JAN	206	\$35,358	201	\$32,994	5	\$2,363
2023 FEB	201	D	197	\$35,727	4	D
2023 MAR	324	D	314	\$70,775	10	D
Average	294	\$56,348	290	\$55,386	4	\$963

North Central-East Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2022 MAR	526	D	521	\$112,169	5	D
2022 APR	523	D	515	\$122,005	8	D
2022 MAY	495	\$125,517	485	\$124,584	10	\$933
2022 JUN	366	D	360	\$101,230	6	D
2022 JUL	398	D	394	\$104,019	4	D
2022 AUG	542	\$111,291	535	\$110,941	7	\$351
2022 SEP	520	D	516	\$118,494	4	D
2022 OCT	485	\$105,312	480	\$104,429	5	\$883
2022 NOV	432	D	428	\$124,854	4	D
2022 DEC	383	\$82,607	374	\$79,824	9	\$2,782
2023 JAN	349	\$81,094	342	\$79,488	7	\$1,606
2023 FEB	398	D	393	\$182,409	5	D
2023 MAR	528	D	526	\$142,610	2	D
Average	457	\$117,287	451	\$115,927	6	\$1,360

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Net New Orders for U.S. Consumption

Mar-23

North Central-West Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2022 MAR	505	D	498	\$105,211	7	D
2022 APR	479	D	472	\$106,448	7	D
2022 MAY	392	\$80,646	386	\$79,884	6	\$762
2022 JUN	363	D	358	\$71,706	5	D
2022 JUL	260	D	258	\$54,969	2	D
2022 AUG	394	\$87,946	382	\$86,099	12	\$1,847
2022 SEP	475	D	468	\$103,976	7	D
2022 OCT	348	D	343	\$81,729	5	D
2022 NOV	346	\$70,985	341	\$66,254	5	\$4,731
2022 DEC	422	\$79,043	412	\$77,141	10	\$1,902
2023 JAN	345	\$80,730	335	\$77,780	10	\$2,950
2023 FEB	296	D	289	\$91,224	7	D
2023 MAR	426	D	420	\$106,525	6	D
Average	389	\$87,141	382	\$85,304	7	\$1,837

South Central Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2022 MAR	263	\$58,735	256	\$57,075	7	\$1,660
2022 APR	222	D	219	\$46,298	3	D
2022 MAY	202	D	197	\$29,793	5	D
2022 JUN	188	D	182	\$38,271	6	D
2022 JUL	179	D	178	\$36,551	1	D
2022 AUG	217	D	215	\$44,246	2	D
2022 SEP	222	D	218	\$38,854	4	D
2022 OCT	198	D	193	\$39,859	5	D
2022 NOV	206	\$40,621	199	\$36,234	7	\$4,387
2022 DEC	210	D	206	\$35,199	4	D
2023 JAN	183	D	178	\$42,176	5	D
2023 FEB	184	D	181	\$39,805	3	D
2023 MAR	198	\$44,357	191	\$43,479	7	\$879
Average	206	\$41,954	201	\$40,603	5	\$1,351

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Net New Orders for U.S. Consumption

Mar-23

West (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2022 MAR	530	D	526	\$105,290	4	D
2022 APR	411	D	404	\$96,689	7	D
2022 MAY	429	D	428	\$78,824	1	D
2022 JUN	411	D	406	\$82,417	5	D
2022 JUL	326	D	324	\$68,696	2	D
2022 AUG	445	D	443	\$86,960	2	D
2022 SEP	423	D	415	\$91,384	8	D
2022 OCT	432	D	429	\$96,276	3	D
2022 NOV	383	D	379	\$69,677	4	D
2022 DEC	346	\$75,755	338	\$73,847	8	\$1,909
2023 JAN	273	D	265	\$46,599	8	D
2023 FEB	262	D	259	\$47,983	3	D
2023 MAR	371	D	371	\$74,341	0	D
Average	388	\$80,170	384	\$78,383	4	\$1,787

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Total U.S. Manufacturing Technology Orders Through March 2023

