



A statistical program by AMT

U.S. MANUFACTURING TECHNOLOGY ORDERS

AMT CONTACT

KRISTIN BARTSCHI

DIRECTOR, MARKETING & COMMUNICATIONS

703-827-5267 | kbartschi@AMTonline.org

Press Release

FOR IMMEDIATE RELEASE

August 14, 2023

June 2023 Orders of Manufacturing Technology Reach \$411.3 Million; Slide From Peak Continues, but Orders Remain Above Historical Average

McLean, Va. (August 14, 2023) — New orders of manufacturing technology totaled \$411.3 million in June 2023, according to the latest U.S. Manufacturing Technology Orders Report published by AMT – The Association For Manufacturing Technology. June 2023 orders increased 12.6% over May 2023 but fell 1.7% below orders in June 2022. This brings total orders through the first half of 2023 to nearly \$2.5 billion, about 13% below the total for the first half of 2022.

“Orders of manufacturing technology have continued their downward trend since peaking in the second half of 2021; however, for perspective, they remain above historical averages,” said Douglas K. Woods, president of AMT. “Even in non-IMTS years, the majority of orders tend to come in the second half of the year. Despite some headwinds, including fears of a recession, it would seem reasonable that manufacturing technology orders could outperform some of the more pessimistic expectations if we return to that historical trend.”

Job shops, the largest customer segment, only increased spending by 4.2%, well under the industry growth of 12.6% from May to June 2023. They also decreased the number of units ordered, while the industry remained about flat.

“Job shops tend to be smaller to medium-sized businesses, and the effects of economic uncertainty, coupled with higher interest rates, have begun to take a toll, causing some to delay capital investments,” said Woods.

There was one surprising bright spot despite high interest rates and the ever-looming fear of a coming recession: Manufacturers of automotive transmissions have been noticeably increasing investment in manufacturing technology.

“Investments on this scale show how manufacturers are preparing for a prolonged transitional period from internal combustion engines to electric vehicles,” said Woods. “Moving toward electrification means facing numerous supply and logistical hurdles, from the sourcing of elements to grid reliability. Auto manufacturers recognize that until these challenges are overcome, demand for internal combustion engines will justify further investment.”

Year-to-date orders for manufacturing technology from the automotive transmission and powertrain parts manufacturing sector are at the second-highest level since the first half of 2015.

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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 2024 will run Sept. 9-14. IMTS is ranked among the largest trade shows in the world. IMTS is 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.AMTonline.org.)

ISSN# 07082019

	June 2023(P)	Previous Month	% Change	Year Ago Month	% Change	YTD 23 (P)	YTD 22 (R)	% Change YTD
National								
Metal Cutting	401.99	362.21	11.0%	408.50	-1.6%	2,440.01	2,788.46	-12.5%
Metal Forming & Fabricating	9.33	3.22	189.9%	10.04	-7.0%	40.66	53.49	-24.0%
Total	411.33	365.43	12.6%	418.53	-1.7%	2,480.67	2,841.95	-12.7%
Regional								
Northeast								
Metal Cutting	82.08	66.81	22.9%	59.87	37.1%	422.05	432.72	-2.5%
Metal Forming & Fabricating	D	D	-71.3%	2.08	D	D	7.96	D
Total	D	D	22.2%	61.95	D	D	440.68	D
Southeast								
Metal Cutting	41.67	52.40	-20.5%	55.00	-24.2%	273.12	366.96	-25.6%
Metal Forming & Fabricating	D	D	331.7%	D	-2.4%	D	D	-43.5%
Total	D	D	-17.4%	D	-23.5%	D	D	-26.2%
North Central-East								
Metal Cutting	117.01	72.62	61.1%	101.23	15.6%	673.40	683.29	-1.4%
Metal Forming & Fabricating	3.72	D	D	D	D	9.93	D	D
Total	120.73	D	D	D	D	683.33	D	D
North Central-West								
Metal Cutting	60.33	65.57	-8.0%	71.71	-15.9%	475.65	528.86	-10.1%
Metal Forming & Fabricating	2.40	D	D	D	D	9.27	D	D
Total	62.72	D	D	D	D	484.92	D	D
South Central								
Metal Cutting	32.85	41.31	-20.5%	38.27	-14.2%	241.30	241.02	0.1%
Metal Forming & Fabricating	D	D	49.3%	D	-53.9%	D	D	-47.7%
Total	D	D	-19.7%	D	-15.7%	D	D	-1.1%
West								
Metal Cutting	68.06	63.51	7.2%	82.42	-17.4%	354.50	535.61	-33.8%
Metal Forming & Fabricating	D	D	-51.1%	D	-79.9%	D	D	-40.5%
Total	D	D	6.4%	D	-18.9%	D	D	-33.9%



■ 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

Jun-23

Total National Orders (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	1,675	\$350,997	1,639	\$343,068	36	\$7,929
2023 FEB	1,612	\$465,753	1,586	\$459,314	26	\$6,439
2023 MAR	2,301	\$550,309	2,269	\$543,689	32	\$6,620
2023 APR	1,473	\$336,848	1,449	\$329,734	24	\$7,114
2023 MAY	1,674	\$365,433	1,658	\$362,213	16	\$3,219
2023 JUN	1,673	\$411,327	1,642	\$401,994	31	\$9,333
Average	1,928	\$431,332	1,900	\$422,676	29	\$8,656

Regional
Northeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	271	D	267	\$62,165	4	D
2023 MAR	427	\$100,718	420	\$99,252	7	\$1,466
2023 APR	266	D	260	\$48,097	6	D
2023 MAY	305	D	302	\$66,815	3	D
2023 JUN	339	D	337	\$82,083	2	D
Average	350	\$74,256	345	\$72,807	5	\$1,449

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Net New Orders for U.S. Consumption

Jun-23

Southeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	330	D	320	\$71,854	10	D
2023 APR	181	D	180	\$38,469	1	D
2023 MAY	249	D	248	\$52,401	1	D
2023 JUN	201	D	194	\$41,671	7	D
Average	268	\$53,342	264	\$52,255	4	\$1,087

North Central-East Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	534	D	532	\$144,006	2	D
2023 APR	288	\$80,299	282	\$77,875	6	\$2,424
2023 MAY	315	D	312	\$72,615	3	D
2023 JUN	406	\$120,727	399	\$117,009	7	\$3,718
Average	417	\$110,556	411	\$109,015	5	\$1,541

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Net New Orders for U.S. Consumption

Jun-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 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	436	D	430	\$109,349	6	D
2023 APR	318	D	310	\$71,404	8	D
2023 MAY	274	D	268	\$65,566	6	D
2023 JUN	264	\$62,725	255	\$60,326	9	\$2,399
Average	349	\$80,038	342	\$78,271	7	\$1,767

South Central Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	\$44,138	191	\$43,260	7	\$879
2023 APR	189	D	187	\$41,904	2	D
2023 MAY	215	D	213	\$41,310	2	D
2023 JUN	193	D	189	\$32,846	4	D
Average	199	\$40,480	195	\$39,270	4	\$1,210

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Net New Orders for U.S. Consumption

Jun-23

West (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	274	D	266	\$46,993	8	D
2023 FEB	262	D	259	\$47,983	3	D
2023 MAR	376	D	376	\$75,968	0	D
2023 APR	231	D	230	\$51,984	1	D
2023 MAY	316	D	315	\$63,507	1	D
2023 JUN	270	D	268	\$68,060	2	D
Average	346	\$72,660	342	\$71,058	4	\$1,603

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Total U.S. Manufacturing Technology Orders Through June 2023

