

Press Release

November 14, 2022

Manufacturing Technology Orders Up 13% in September Despite Anticipated Economic Slowdown Ahead

McLean, Va. (November 14, 2022) – New orders of manufacturing technology totaled \$519.3 million in September 2022, according to the latest U.S. Manufacturing Technology Orders Report published by AMT – The Association For Manufacturing Technology. September 2022 orders were up just under 13% from August 2022 but down 12.4% from September 2021, marking the first time an IMTS September had a lower order value than the year prior. Total orders in 2022 reached \$4.2 billion, an increase of 2.7% over the first three quarters of 2021.

“We’re seeing the typical bump in orders brought on by IMTS and ‘the IMTS effect,’ but orders throughout 2022 are expected to fall short of 2021 order levels – the largest year in the program’s history,” said Pat McGibbon, chief knowledge officer at AMT. “The backlogs built over the last 18 months have lengthened delivery times and weigh on the decision to continue investing in additional equipment.”

Demand for additional domestic capacity and augmenting current production lines with automation has driven orders. In September 2022, that was particularly apparent in orders for forming and fabricating machinery. Appliance imports have fallen by nearly one-third but largely because of supply challenges, not a lack of demand. Appliance and HVAC manufacturers are increasing domestic capacity to bridge this gap, and that can be seen in the USMTO data. Supply chains for the aerospace sector are continuing to increase domestic capacity, particularly for cutting equipment, in an attempt to reduce reliance on foreign components. Likewise, manufacturers of agricultural equipment are continuing their investments in capital equipment. The agricultural sector has been feeling the brunt of recent labor shortages, which has necessitated the investment in more efficient, automated machinery. Additionally, with the growing unpredictability of Ukrainian grain exports, more reliance has been placed on expanded U.S. production.

Despite the anticipated slowing economy as 2022 closes and 2023 begins, the manufacturing sector remains humming at near-full capacity. “Quotations remain high,

and anecdotally, we're hearing that demand from our customer industries is not slowing," said McGibbon. "While signs are positive now, we do expect orders to be softer the remainder of the year for most production equipment – with the exception of advanced and automation technologies. These technologies are in high demand to address the tighter labor market and increasing productivity of existing capacity. Also, continued efforts by North American manufacturers to increase their regional supply chain will continue to mitigate the modest decline in demand for durable goods. The softer order levels will provide the opportunity for manufacturing technology providers to convert their backlogs into shipped orders."

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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, 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

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, 2024. 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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Sep-22

	Sep 2022 (P)	Previous Month	% Change	Year Ago Month	% Change	YTD 22 (P)	YTD 21 (R)	% Change YTD
National								
Metal Cutting	505.92	455.57	11.1%	585.85	-13.6%	4,127.69	3,992.06	3.4%
Metal Forming & Fabricating	13.34	4.55	193.0%	6.87	94.2%	81.48	104.73	-22.2%
Total	519.25	460.12	12.9%	592.72	-12.4%	4,209.17	4,096.80	2.7%
Regional								
Northeast								
Metal Cutting	80.86	71.51	13.1%	102.64	-21.2%	651.22	691.46	-5.8%
Metal Forming & Fabricating	D	D	-18.8%	D	25.2%	D	D	1.9%
Total	D	D	12.5%	D	-20.9%	D	D	-5.7%
Southeast								
Metal Cutting	70.04	55.59	26.0%	63.23	10.8%	545.84	450.38	21.2%
Metal Forming & Fabricating	1.44	D	D	D	D	16.07	D	D
Total	71.48	D	D	D	D	561.91	D	D
North Central-East								
Metal Cutting	120.27	111.34	8.0%	135.35	-11.1%	1,015.75	961.69	5.6%
Metal Forming & Fabricating	D	0.35	D	D	-33.5%	D	D	-57.1%
Total	D	111.69	D	D	-11.6%	D	D	3.4%
North Central-West								
Metal Cutting	104.51	86.10	21.4%	120.52	-13.3%	773.63	837.99	-7.7%
Metal Forming & Fabricating	D	1.85	D	0.45	D	D	16.81	D
Total	D	87.95	D	120.97	D	D	854.80	D
South Central								
Metal Cutting	38.62	44.42	-13.1%	59.39	-35.0%	359.67	301.63	19.2%
Metal Forming & Fabricating	D	D	348.1%	1.96	D	D	15.09	D
Total	D	D	-10.7%	61.36	D	D	316.73	D
West								
Metal Cutting	91.63	86.61	5.8%	104.72	-12.5%	781.57	748.91	4.4%
Metal Forming & Fabricating	D	D	936.5%	D	*	D	D	257.1%
Total	D	D	10.9%	D	-7.9%	D	D	6.1%



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

Sep-22

Total National Orders (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2021 SEP	2,918	\$592,719	2,883	\$585,852	35	\$6,867
2021 OCT	2,825	\$570,109	2,791	\$564,214	34	\$5,895
2021 NOV	3,149	\$637,321	3,094	\$627,321	55	\$10,000
2021 DEC	2,635	\$593,676	2,604	\$585,005	31	\$8,671
2022 JAN	1,848	\$441,669	1,831	\$435,993	17	\$5,676
2022 FEB	2,131	\$475,646	2,103	\$459,573	28	\$16,073
2022 MAR	2,765	\$551,914	2,738	\$543,466	27	\$8,448
2022 APR	2,281	\$512,045	2,252	\$504,026	29	\$8,018
2022 MAY	2,078	\$439,250	2,043	\$434,008	35	\$5,243
2022 JUN	1,932	\$413,611	1,896	\$403,575	36	\$10,036
2022 JUL	1,751	\$395,669	1,736	\$385,564	15	\$10,104
2022 AUG	2,220	\$460,118	2,191	\$455,566	29	\$4,551
2022 SEP	2,417	\$519,251	2,383	\$505,916	34	\$13,336
Average	2,381	\$507,923	2,350	\$499,237	31	\$8,686

Regional

Northeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	341 D		340	\$62,058	1 D	
2022 FEB	337	D	330	\$65,765	7	D
2022 MAR	455	D	452	\$86,659	3	D
2022 APR	378	D	376	\$84,322	2	D
2022 MAY	347	\$76,180	338	\$74,269	9	\$1,911
2022 JUN	351	\$60,597	342	\$58,514	9	\$2,082
2022 JUL	325	D	321	\$67,270	4	D
2022 AUG	375	D	371	\$71,510	4	D
2022 SEP	435	D	430	\$80,857	5	D
Average	412	\$81,795	408	\$80,540	5	\$1,255

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Net New Orders for U.S. Consumption

Sep-22

Southeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2021 SEP	369	D	366	\$63,233	3	D
2021 OCT	475	\$82,919	469	\$82,161	6	\$758
2021 NOV	455	\$95,153	444	\$94,336	11	\$817
2021 DEC	364	D	357	\$87,222	7	D
2022 JAN	223	D	220	\$70,886	3	D
2022 FEB	293	D	290	\$66,754	3	D
2022 MAR	491	D	490	\$78,073	1	D
2022 APR	268	D	266	\$49,216	2	D
2022 MAY	212	D	208	\$46,678	4	D
2022 JUN	278	D	273	\$54,550	5	D
2022 JUL	263	D	261	\$54,054	2	D
2022 AUG	251	D	249	\$55,587	2	D
2022 SEP	338	\$71,476	332	\$70,041	6	\$1,435
Average	329	\$68,818	325	\$67,138	4	\$1,680

North Central-East Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	452	\$124,329	446	\$122,624	6	\$1,704
2022 FEB	466	\$103,824	456	\$100,679	10	\$3,145
2022 MAR	526	D	521	\$112,169	5	D
2022 APR	522	D	514	\$121,468	8	D
2022 MAY	490	\$124,615	480	\$123,682	10	\$933
2022 JUN	357	D	351	\$100,343	6	D
2022 JUL	394	D	390	\$103,182	4	D
2022 AUG	541	\$111,688	534	\$111,337	7	\$351
2022 SEP	523	D	519	\$120,267	4	D
Average	520	\$122,705	512	\$120,968	7	\$1,737

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Net New Orders for U.S. Consumption

Sep-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 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	338	D	334	\$74,665	4	D
2022 FEB	388 D		384	\$90,682	4 D	
2022 MAR	503	D	496	\$104,855	7	D
2022 APR	481 D		474	\$106,319	7 D	
2022 MAY	396	\$81,150	390	\$80,388	6	\$762
2022 JUN	354	D	349	\$70,325	5	D
2022 JUL	264	D	262	\$55,789	2	D
2022 AUG	394	\$87,946	382	\$86,099	12	\$1,847
2022 SEP	476	D	469	\$104,510	7	D
Average	447	\$96,624	440	\$95,126	7	\$1,498

South Central Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2021 SEP	262	\$61,356	250	\$59,393	12	\$1,963
2021 OCT	233	D	225	\$42,455	8	D
2021 NOV	284	D	278	\$52,525	6	D
2021 DEC	175	D	170	\$30,599	5	D
2022 JAN	138	D	137	\$29,017	1	D
2022 FEB	177	D	175	\$40,043	2	D
2022 MAR	262	\$58,638	255	\$56,977	7	\$1,660
2022 APR	221	D	218	\$46,012	3	D
2022 MAY	202	D	197	\$29,861	5	D
2022 JUN	187	D	181	\$38,148	6	D
2022 JUL	179	D	178	\$36,574	1	D
2022 AUG	218	D	216	\$44,421	2	D
2022 SEP	220	D	216	\$38,616	4	D
Average	212	\$42,897	207	\$41,895	5	\$1,002

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Net New Orders for U.S. Consumption

Sep-22

West (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	356	D	354	\$76,743	2	D
2022 FEB	470	D	468	\$95,651	2	D
2022 MAR	528	D	524	\$104,732	4	D
2022 APR	411	D	404	\$96,689	7	D
2022 MAY	431	D	430	\$79,130	1	D
2022 JUN	405	D	400	\$81,694	5	D
2022 JUL	326	D	324	\$68,696	2	D
2022 AUG	441	D	439	\$86,611	2	D
2022 SEP	425	D	417	\$91,625	8	D
Average	461	\$95,084	457	\$93,570	3	\$1,514

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U.S. Manufacturing Technology Orders

Total U.S. Manufacturing Technology Orders Through September 2022

