

The Current Condition of the Japanese Machine Tool Industry

Monthly Machine Tool Orders (January 2025)

The total value of machine tool orders in January was 116.15 billion yen. This decreased 18.8% compared to December 2024 and marked the first month of month-on-month decline in two months. However, this figure represented an increase of 4.7% compared to the same month of the previous year and marked the fourth consecutive year-on-year growth.

Total orders fell below 120 billion yen for the first time in two months, due to the domestic and foreign demand falling by just under 20% from the previous month.

Orders received in January were roughly the same as last year, but there were differences in the order-receiving industries and countries/regions, making the situation patchy. We will need to keep a close eye on the future situation.

Domestic orders fell by 19.9% from December to 32.00 billion yen. This marked the first months of month-on-month decline in three months. Nevertheless, this figure was an increase of 4.6% over the same month of the previous year and marked year-on-year growth for three consecutive months. Looking at major industries, orders compared to December fell by 21.4% in industrial machinery, by 30.9% in motor vehicles, by 10.7% in electrical & precision machinery, and by 29.8% in aircraft, shipbuilding & transport equipment.

Foreign orders fell by 18.4% from December to 84.15 billion yen, marked the first month of month-on-month decline in two months. On the other hand, foreign orders showed an increase of 4.7% over the same month of the previous year, and this marked the fourth consecutive month of year-on-year growth. By region, orders from Asia fell by 12.7% by December to 44.80 billion yen. This increased 21.7% from the same month of the previous year. Orders from Europe fell by 19.2% from December to 13.22 billion yen. This was a decrease of 21.0% from the same month of the previous year. Orders from North America fell by 24.5% from December, amounting to 24.16 billion yen. This figure was a decrease of 0.7% from the same month of the previous year.

JAPAN MACHINE TOOL BUILDERS' ASSOCIATION

Kikai Shinko Kaikan, 3-5-8, Shibakoen, Minato-ku Tokyo 105-0011, Japan

Tel : (03)3434-3961

URL : <http://www.jmtba.or.jp>

Main Statistics of Metal Cutting Machine Tools

Value in Millions of Yen

Period	ORDERS								PRODUCTION				SALES		INVENTORY		EXPORTS		IMPORTS		EMPLOYEES	WHOLE-SALE
	Total	%	Domestic	%	Foreign	%	Sales	Order Backlog	Unites	Weight	Value	%	Unites	Value	Unites	Weight	Value	%	Value	%	No. of	PRICE
	Value		Value	Value	Value	Value	Value	Value	ton	Value	Value	Value	Value	Value	ton	Value	Value	Value	Value	Value	Persons	INDEX
C.Y. 2008	1,301,147	81.8	566,820	78.0	734,327	85.0	1,472,029	574,383	95,310	492,188	1,249,184	95.9	88,319	1,267,372	11,436	31,685	874,723	98.1	60,226	83.0	25,323	101.5
2009	411,809	31.6	159,648	28.2	252,161	34.3	596,920	382,592	28,281	180,025	486,283	38.9	29,894	514,793	9,547	22,656	321,399	36.7	28,717	47.7	24,542	100.2
2010	978,622	237.6	307,527	192.6	671,095	266.1	851,272	508,446	67,607	302,376	813,002	167.2	67,954	820,517	10,464	24,489	608,551	189.3	30,579	106.5	23,380	100.0
2011	1,326,188	135.5	421,599	137.1	904,589	134.8	1,179,316	653,138	85,483	432,693	1,149,394	141.4	87,452	1,170,069	10,437	28,720	855,195	140.5	43,442	142.1	24,348	102.5
2012	1,212,445	91.4	375,822	89.1	836,623	92.5	1,329,650	543,736	93,649	429,207	1,151,980	100.2	95,824	1,173,114	9,894	34,483	945,594	110.6	51,080	117.6	25,524	102.7
2013	1,117,049	92.1	400,803	106.6	716,246	85.6	1,094,673	566,113	56,780	320,904	886,372	76.9	62,518	911,286	7,890	31,779	766,495	81.1	63,016	123.4	24,716	101.2
2014	1,509,397	135.1	496,391	123.8	1,013,006	141.4	1,422,184	652,213	99,407	454,866	1,186,293	133.8	102,231	1,221,172	9,924	34,308	961,862	125.5	78,087	123.9	25,188	104.0
2015	1,480,592	98.1	586,240	118.1	894,352	88.3	1,532,603	607,499	102,101	489,253	1,258,087	106.1	105,147	1,310,282	11,274	38,620	932,123	96.9	91,580	117.3	25,826	100.0
2016	1,250,003	84.4	530,545	90.5	719,458	80.4	1,280,584	522,527	67,991	374,124	1,012,810	80.5	73,443	1,058,471	9,321	35,371	666,519	71.5	78,249	85.4	26,252	100.5
2017	1,645,554	131.6	629,369	118.6	1,016,185	141.2	1,467,285	694,231	88,644	426,841	1,129,823	111.6	92,174	1,181,505	9,936	33,453	786,221	118.0	72,276	92.4	26,161	99.3
2018	1,815,771	110.3	750,343	119.2	1,065,428	104.8	1,684,768	826,197	84,803	454,619	1,236,790	109.5	90,160	1,297,087	9,167	31,553	881,700	112.1	90,574	125.3	27,348	101.1
2019	1,229,900	67.7	493,188	65.7	736,712	69.1	1,501,633	561,265	62,240	380,419	1,072,452	86.7	66,288	1,118,969	9,490	33,806	735,108	83.4	85,996	94.9	27,436	103.7
2020	901,835	73.3	324,455	65.8	577,380	78.4	1,033,616	430,794	45,569	244,973	723,994	67.5	49,457	762,032	8,145	28,075	529,567	72.0	55,530	64.6	27,249	100.0
2021	1,541,419	170.9	510,324	157.3	1,031,095	178.6	1,283,499	701,005	67,601	313,143	895,409	123.7	68,971	923,460	7,465	30,612	712,613	134.6	60,794	109.5	26,689	100.1
2022	1,759,601	114.2	603,231	118.2	1,156,370	112.1	1,568,350	896,813	70,004	375,672	1,078,833	120.5	72,456	1,143,899	7,421	33,180	857,072	120.3	84,031	138.2	26,671	104.4
2023	1,486,519	84.5	476,821	79.0	1,009,698	87.3	1,616,581	785,775	58,832	362,386	1,051,791	97.5	61,160	1,124,691	7,129	38,613	830,389	96.9	85,481	101.7	27,041	112.3
2024	1,485,109	99.9	441,538	92.6	1,043,571	103.4	1,526,187	767,825	50,447	298,089	901,301	85.7	52,436	982,743	6,521	37,392	761,769	91.7	75,624	88.5	26,485	116.3
F.Y. 2019	1,099,541	65.1	446,639	63.5	652,902	66.2	1,367,888	490,671	55,766	341,046	975,568	80.6	60,157	1,019,629	8,302	29,106	673,839	80.1	78,536	82.9	27,470	104.5
2020	988,483	89.9	325,988	73.0	662,495	101.5	1,032,575	446,582	50,683	248,838	728,004	74.6	53,627	757,915	6,581	25,927	546,956	81.2	52,435	66.8	27,108	99.2
2021	1,667,502	168.7	566,229	173.7	1,101,273	166.2	1,368,954	757,694	69,950	333,552	953,784	131.0	70,992	985,574	7,704	30,669	747,726	136.7	66,234	126.3	26,570	100.6
2022	1,705,623	102.3	581,667	102.7	1,123,956	102.1	1,618,780	849,094	67,788	376,846	1,089,727	114.3	70,956	1,166,617	7,104	32,820	875,478	117.1	85,224	128.7	26,800	106.3
2023	1,453,136	85.2	457,521	78.7	995,615	88.6	1,564,251	757,003	54,102	342,985	991,001	90.9	56,538	1,067,568	6,345	35,804	802,996	91.7	83,046	97.4	26,977	113.9
2022 1-3	448,179	139.1	153,267	157.4	294,912	131.2	391,490	757,694	19,425	95,939	277,686	126.6	19,760	293,109	7,704	30,669	197,087	121.7	19,118	139.8	26,375	100.7
4-6	463,043	121.9	161,313	141.6	301,730	113.4	362,729	858,008	17,481	87,843	246,409	110.1	18,470	256,607	7,230	32,142	198,031	112.3	20,674	150.9	26,572	103.9
7-9	432,587	106.7	156,164	105.9	276,423	107.2	402,230	888,365	17,014	97,737	281,353	125.8	17,417	298,698	7,451	33,353	222,335	119.3	21,387	149.1	26,719	106.5
10-12	415,792	95.8	132,487	87.5	283,305	100.3	411,901	896,813	16,084	94,153	273,385	119.5	16,809	295,485	7,421	33,180	239,619	127.5	22,852	119.8	27,017	106.7
2023 1-3	394,201	88.0	131,703	85.9	262,498	89.0	441,920	849,094	17,209	97,113	288,580	103.9	18,260	315,827	7,104	32,820	215,493	109.3	20,310	106.2	26,892	108.2
4-6	374,236	80.8	120,380	74.6	253,856	84.1	380,609	842,594	15,281	91,753	260,377	105.7	15,024	262,942	7,971	39,763	196,936	99.4	23,430	113.3	27,243	111.8
7-9	363,042	83.9	120,147	76.9	242,895	87.9	388,329	816,786	13,757	89,342	257,183	91.4	14,650	283,203	7,579	38,054	212,355	95.5	21,457	100.3	27,247	114.2
10-12	355,040	85.4	104,591	78.9	250,449	88.4	405,723	785,775	12,585	84,178	245,651	89.9	13,226	262,719	7,129	38,613	205,605	85.8	20,283	88.8	26,783	114.8
2024 1-3	360,818	91.5	112,403	85.3	248,415	94.6	389,590	757,003	12,479	77,712	227,790	78.9	13,638	258,704	6,345	35,804	188,100	87.3	17,875	88.0	26,635	114.7
4-6	379,248	101.3	112,019	93.1	267,229	105.3	329,117	807,134	11,227	68,729	201,413	77.4	11,408	210,721	6,441	38,802	171,758	87.2	18,494	78.9	26,507	116.6
7-9	360,072	99.2	109,424	91.1	250,648	103.2	399,490	767,716	12,864	74,329	232,409	90.4	13,244	252,096	6,496	38,433	191,765	90.3	19,211	89.5	26,530	117.7
10-12	384,971	108.4	107,692	103.0	277,279	110.7	407,990	767,825	13,877	77,319	239,689	97.6	14,146	261,222	6,521	37,392	210,147	102.2	20,045	98.8	26,267	116.1
2023 8	114,760	82.4	35,717	69.0	79,043	90.3	113,804	838,933	4,354	27,926	80,046	87.1	4,585	84,682	8,066	42,285	64,040	98.5	5,722	87.0	27,236	114.5
9	133,942	88.8	45,045	85.9	88,897	90.3	156,089	816,786	4,872	31,663	93,140	88.9	5,489	110,556	7,579	38,054	80,334	92.4	9,173	144.9	27,196	113.9
10	112,053	79.4	33,644	75.5	78,409	81.3	119,344	809,495	4,101	27,294	76,668	87.9	4,360	81,980	7,384	38,447	69,480	97.0	7,820	87.2	26,867	115.5
11	115,899	86.4	32,696	71.6	83,203	94.0	128,275	797,119	4,001	26,608	78,031	83.2	4,179	79,910	7,266	40,077	58,553	69.0	6,360	100.0	26,682	114.9
12	127,088	90.4	38,251	90.5	88,837	90.4	158,104	785,775	4,483	30,678	90,952	98.5	4,687	100,829	7,129	38,613	77,571	93.3	6,104	81.1	26,800	113.9
2024 1	110,960	86.0	30,603	70.5	80,357	93.8	107,998	788,737	3,781	23,384	66,483	79.5	3,864	69,943	7,160	39,812	50,645	96.0	5,735	66.9	26,686	113.6
2	114,208	92.0	32,543	83.6	81,665	95.9	117,730	785,215	4,214	26,376	76,268	82.0	4,270	81,143	7,216	40,660	63,995	86.9	6,508	110.6	26,619	115.1
3	135,650	96.2	49,257	99.8	86,393	94.3	163,862	757,003	4,484	27,952	85,039	75.9	5,504	107,618	6,345	35,804	73,460	82.5	5,631	96.2	26,600	115.5
4	120,902	91.1	36,372	87.2	84,530	92.9	96,612	781,293	3,557	21,979	62,817	72.3	3,388	60,685	6,631	38,189	59,506	94.2	5,963	85.5	26,432	115.9
5	124,530	104.2	34,837	92.1	89,693	109.8	113,085	792,738	3,709	22,723	65,757	81.5	3,707	69,753	6,736	38,991	53,530	87.2	7,165	86.6	26,514	116.6
6	133,816	109.7	40,810	99.9	93,006	114.6	119,420	807,134	3,961	24,027	72,839	78.5	4,313	80,283	6,441	38,802	58,722	81.1	5,366	65.5	26,574	117.2
7	123,942	108.4	35,703	90.7	88,239	117.7	117,361	813,715	4,232	24,029	72,409	86.2	4,113	74,319	6,704	40,801	60,701	89.3	6,796	103.6	26,576	118.0
8	110,770	96.5	32,192	90.1	78,578	99.4	123,952	800,533	4,062	23,241	73,632	92.0	3,995	76,48								

NET NEW ORDERS – METAL CUTTING MACHINE TOOLS IN JAPAN

(Value: in Millions of Yen)

Industry	Period	Total 2024	24/23 (%)	24/07–24/09	24/10–24/12	Previous Quarter (%)	year-to-year (%)	25/01–25/01	year-to-year (%)	Jan. ' 25	Jan. 25/Dec. 24 (%)	Jan. 25/Jan. 24 (%)
1. Primary Metals		15,172	92.8	3,265	4,254	130.3	153.2	849	103.4	849	38.6	103.4
2. Fabricated Metal Products		37,200	101.1	10,721	9,411	87.8	134.3	3,377	140.2	3,377	110.7	140.2
Machinery & Equipment Industries	3. Industrial Machinery	181,041	88.9	46,676	44,717	95.8	109.0	11,854	96.5	11,854	78.6	96.5
	(of which construction machinery)	8,449	67.9	1,608	1,688	105.0	66.9	744	59.9	744	274.5	59.9
	(of which dies and molds)	15,761	55.9	3,358	3,037	90.4	59.4	896	44.7	896	107.2	44.7
	4. Motor Vehicles	91,025	90.5	20,978	21,034	100.3	80.6	5,973	85.2	5,973	69.1	85.2
	(of which auto parts)	62,400	84.9	14,600	13,255	90.8	69.6	3,675	69.3	3,675	69.9	69.3
	5. Electrical Machinery	31,506	86.9	8,853	7,011	79.2	124.8	1,919	80.2	1,919	70.6	80.2
	6. Precision Machinery	23,227	108.4	4,937	6,103	123.6	105.4	2,411	143.7	2,411	113.1	143.7
	5 – 6. Electrical & Precision Machinery (Sub Total)	54,733	94.9	13,790	13,114	95.1	114.9	4,330	106.4	4,330	89.3	106.4
	7. Aircraft, Shipbuilding & Transport equipment	24,218	120.1	5,364	6,433	119.9	106.7	2,038	150.2	2,038	70.2	150.2
	(of which aircraft)	13,183	154.9	2,399	4,106	171.2	156.1	682	103.8	682	37.3	103.8
3 – 7. Sub total	351,017	91.9	86,808	85,298	98.3	100.8	24,195	97.9	24,195	76.9	97.9	
8. Other Machinery & Equipment	18,793	82.2	4,234	4,733	111.8	84.4	2,513	199.1	2,513	138.6	199.1	
9. Government, Public Agencies & Schools	2,532	128.1	1,119	418	37.4	78.0	48	30.6	48	37.2	30.6	
10. Others	11,917	98.0	2,591	2,738	105.7	99.5	709	82.5	709	78.4	82.5	
11. Trading Companies	4,907	105.9	686	840	122.4	63.1	305	81.3	305	85.9	81.3	
1–11. Domestic Total	441,538	92.6	109,424	107,692	98.4	103.0	31,996	104.6	31,996	80.1	104.6	
12. Foreign	1,043,571	103.4	250,648	277,279	110.6	110.7	84,150	104.7	84,150	81.6	104.7	
1–12. Grand Total	1,485,109	99.9	360,072	384,971	106.9	108.4	116,146	104.7	116,146	81.2	104.7	
(of which: NC machines)	1,461,592	99.9	354,947	378,755	106.7	108.3	113,797	104.4	113,797	80.8	104.4	
Sales		1,526,187	94.4	399,490	407,990	102.1	100.6	111,314	103.1	111,314	66.1	103.1
(of which: NC machines)		1,503,335	94.5	393,475	402,999	102.4	100.9	109,921	103.4	109,921	66.0	103.4
Order Backlog		767,825	97.7	767,716	767,825	100.0	97.7	772,657	98.0	772,657	100.6	98.0
(of which: NC machines)		746,270	98.1	743,032	746,270	100.4	98.1	750,146	98.3	750,146	100.5	98.3

NET NEW ORDERS BY DESTINATION

(Value in Millions of yen)

2025		Jan.		Feb.		Mar.		Apr.		May		June		July		Aug.		Sep.		Oct.		Nov.		Dec.		Total 2025			
			%		%		%		%		%		%		%		%		%		%		%		%		%		
Asia	East Asia	Korea	2,629	106.4																						2,629	106.4		
		Taiwan	1,285	76.9																							1,285	76.9	
		China	27,600	121.7																							27,600	121.7	
		Other	42	-																							42	-	
	East Asia Total		31,556	117.6																							31,556	117.6	
	Other Asia	Thailand	1,057	47.0																							1,057	47.0	
		Malaysia	334	33.8																							334	33.8	
		Sigapore	542	59.6																							542	59.6	
		Philippine	370	445.8																							370	445.8	
		Indonesia	632	123.4																							632	123.4	
Vietnam		1,743	171.9																							1,743	171.9		
India		8,387	198.1																							8,387	198.1		
Other		178	8900.0																							178	8900.0		
Other Asia Total		13,243	132.6																							13,243	132.6		
Sub Total		44,799	121.7																							44,799	121.7		
Europe	EU	Germany	3,042	83.0																						3,042	83.0		
		Italy	1,508	60.8																						1,508	60.8		
		France	1,923	143.7																							1,923	143.7	
		Central Europe	851	64.9																							851	64.9	
		Other	2,098	51.5																							2,098	51.5	
	Sub Total		9,422	73.2																							9,422	73.2	
	Other West Europe	U.K.	1,592	123.3																							1,592	123.3	
		Turkey	980	57.7																							980	57.7	
		Switzerland	536	66.0																							536	66.0	
		East Europe	169	241.4																							169	241.4	
		Russia - Other	10	250.0																							10	250.0	
		Sub Total		13,218	79.0																							13,218	79.0
		Sub Total		44,799	121.7																							44,799	121.7
North America	U.S.A.	20,768	98.7																							20,768	98.7		
	Canada	1,839	105.2																							1,839	105.2		
	Mexico	1,551	101.7																							1,551	101.7		
	Sub Total		24,158	99.3																							24,158	99.3	
S & C America	Brazil	699	153.6																							699	153.6		
	Other	29	13.6																							29	13.6		
	Sub Total		728	109.0																							728	109.0	
Oceania	Australia	701	114.7																							701	114.7		
	Other	2	1.4																							2	1.4		
Sub Total		703	93.9																							703	93.9		
Middle East		376	37.5																							376	37.5		
Africa		168	305.5																							168	305.5		
Grand Total		84,150	104.7																							84,150	104.7		
Of which NC		83,878	105.6																							83,878	105.6		

(Note) It will be described as “-”, if the actual value is “negative” or “0” or no actual value.
From January 2021, the UK was moved from the “EU” to “other Western Europe”.

Japan Machine Tool Builders' Association