

The Current Condition of the Japanese Machine Tool Industry

Monthly Machine Tool Orders (November 2024)

The total value of machine tool orders in November was 119.33 billion yen. This decreased 2.6% compared to October 2024 and marked the second consecutive month of month-on-month decline. However, this figure represented an increase of 3.0% compared to the same month of the previous year and marked the second consecutive year-on-year growth.

Although total orders increased from the previous month due to domestic demand, large orders from overseas contracted, resulting in the total falling just short of 120 billion yen, falling below 120 billion yen for the first time in three months.

Despite orders in November remaining at a solid level due to continued large orders, the momentum is not strong enough to indicate a real recovery in orders, so we will continue to monitor future trends.

Domestic orders rose by 2.7% over October to 34.33 billion yen. This marked the first month of month-on-month growth in two months. Moreover, this figure was an increase of 5.0% over the same month of the previous year and marked year-on-year growth for the first time in twenty-seventh month. Looking at major industries, orders compared to October rose by 19.2% in industrial machinery, fell by 18.5% in motor vehicles, by 3.2% in electrical & precision machinery, and by 56.8% in aircraft, shipbuilding & transport equipment.

Foreign orders fell by 4.6% from October to 85.00 billion yen, marked the first month of month-on-month decline in three months. Nevertheless, foreign orders showed an increase of 2.2% over the same month of the previous year, and this marked the second consecutive month of year-on-year growth. By region, orders from Asia fell by 14.9% from October to 42.45 billion yen. This increased 26.0% over the same month of the previous year. Orders from Europe fell by 12.7% from October to 14.42 billion yen. This was a decrease of 28.6% from the same month of the previous year. Orders from North America rose by 23.7% over October, amounting to 26.24 billion yen. This figure was a decrease of 1.7% from the same month of the previous year.

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NET NEW ORDERS – METAL CUTTING MACHINE TOOLS IN JAPAN

(Value: in Millions of Yen)

Period		Total 2023	23/22 (%)	24/04–24/06	24/07–24/09	Previous Quarter (%)	year-to-year (%)	24/01–24/11	year-to-year (%)	Nov. '24	Nov. 24/Oct. 24 (%)	Nov. 24/Nov. 23 (%)
Industry												
1. Primary Metals		16,345	83.1	3,905	3,265	83.6	71.2	12,975	83.8	1,643	396.9	181.9
2. Fabricated Metal Products		36,813	72.8	7,624	10,721	140.6	108.1	34,149	99.1	2,823	79.8	114.2
Machinery & Equipment Industries	3. Industrial Machinery	203,557	83.6	43,656	46,676	106.9	94.3	165,967	87.6	16,119	119.2	126.4
	(of which construction machinery)	12,442	91.1	2,238	1,608	71.8	57.0	8,178	69.4	950	203.4	224.1
	(of which dies and molds)	28,189	81.8	4,045	3,358	83.0	55.8	14,925	57.2	1,050	91.2	61.4
	4. Motor Vehicles	100,588	74.7	25,805	20,978	81.3	78.6	82,378	90.9	5,561	81.5	68.0
	(of which auto parts)	73,519	79.1	17,447	14,600	83.7	73.9	57,144	86.9	3,512	78.3	56.2
	5. Electrical Machinery	36,272	63.7	6,060	8,853	146.1	87.6	28,787	82.7	2,140	99.4	113.6
	6. Precision Machinery	21,430	72.6	6,681	4,937	73.9	114.4	21,095	118.1	1,924	94.0	179.0
	5–6. Electrical & Precision Machinery (Sub Total)	57,702	66.7	12,741	13,790	108.2	95.6	49,882	94.7	4,064	96.8	137.3
	7. Aircraft, Shipbuilding & Transport equipment	20,172	107.0	7,447	5,364	72.0	131.9	21,316	121.8	1,066	43.2	49.9
	(of which aircraft)	8,509	146.9	4,368	2,399	54.9	156.3	11,354	168.0	671	41.8	114.9
3–7. Sub total	382,019	79.0	89,649	86,808	96.8	91.7	319,543	91.2	26,810	99.2	103.0	
8. Other Machinery & Equipment		22,867	87.1	4,756	4,234	89.0	71.3	16,980	80.6	1,646	129.2	90.1
9. Government, Public Agencies & Schools		1,977	89.7	576	1,119	194.3	139.7	2,403	129.5	155	115.7	166.7
10. Others		12,165	86.3	3,376	2,591	76.7	95.2	11,013	97.0	933	103.6	97.2
11. Trading Companies		4,635	67.2	2,133	686	32.2	45.3	4,552	109.5	318	190.4	75.2
1–11. Domestic Total		476,821	79.0	112,019	109,424	97.7	91.1	401,615	91.6	34,328	102.7	105.0
12. Foreign		1,009,698	87.3	267,229	250,648	93.8	103.2	940,400	102.1	84,999	95.4	102.2
1–12. Grand Total		1,486,519	84.5	379,248	360,072	94.9	99.2	1,342,015	98.7	119,327	97.4	103.0
(of which: NC machines)		1,463,024	84.7	372,199	354,947	95.4	99.8	1,320,807	98.7	117,388	97.4	103.3
Sales		1,616,581	103.1	329,117	399,490	121.4	102.9	1,357,788	93.1	124,510	108.2	97.1
(of which: NC machines)		1,591,253	103.0	324,633	393,475	121.2	103.1	1,336,738	93.1	122,784	108.1	97.0
Order Backlog		785,775	87.6	807,134	767,716	95.1	94.0	770,002	96.6	770,002	99.3	96.6
(of which: NC machines)		760,531	87.5	781,560	743,032	95.1	94.0	744,600	96.7	744,600	99.3	96.7

