

The Current Condition of the Japanese Machine Tool Industry

Monthly Machine Tool Orders (November 2021)

The total value of machine tool orders in November was 145.40 billion yen. This was a decrease of 2.6% compared to October 2021 and marked the first month of month-on-month decline in three months. However, this figure represented an increase of 64.0% compared to the same month of the previous year and marked the thirteenth consecutive month of year-on-year growth.

The total amount of orders topped 140 billion yen for three consecutive months.

In November, the trend has not changed significantly, and both domestic and foreign demand have continued to recover.

On the other hand, we would like to continue to pay close attention to the effects of material shortages and soaring material prices and transportation costs.

Domestic orders fell by 0.6% from October, amounting to 50.00 billion yen. This marked the first month of month-on-month decline in two months. In contrast, this figure was an increase of 84.9% over the same month of the previous year and marked the year-on-year growth in nine consecutive months. Looking at major industries, orders compared to October rose by 0.9% in industrial machinery, fell by 1.5% in motor vehicles, rose by 5.7% in electrical & precision machinery, and fell by 64.1% in aircraft, shipbuilding & transport equipment.

Foreign orders fell by 3.6% from October to 95.40 billion yen, marked the first month of month-on-month decline in three months. On the other hand, foreign orders showed an increase of 54.8% over the same month of the previous year, and this marked the thirteenth consecutive month of year-on-year growth. By region, orders from Asia rose by 6.1% over October to 43.72 billion yen. This was an increase of 32.5% over the same month of the previous year. Orders from Europe fell by 19.6% from October to 20.46 billion yen. This was an increase of 101.1% over the same month of the previous year. Orders from North America fell by 3.6% from October, amounting to 29.33 billion yen. This figure was an increase of 74.0% over the same month of the previous year.

NET NEW ORDERS – METAL CUTTING MACHINE TOOLS IN JAPAN

(Value: in Millions of Yen)

Period		Total 2020	20/19 (%)	21/04–21/06	21/07–21/09	Previous Quarter (%)	year-to-year (%)	21/01–21/11	year-to-year (%)	Nov. '21	Nov. 21/Oct. 21 (%)	Nov. 21/Nov. 20 (%)	
Industry	Period												
1. Primary Metals		11,265	74.7	3,671	6,450	175.7	340.2	16,616	169.6	1,576	155.4	270.8	
2. Fabricated Metal Products		23,498	73.4	8,328	13,951	167.5	222.8	36,476	172.1	3,664	102.1	164.6	
Machinery & Equipment Industries	3. Industrial Machinery	133,112	65.8	44,072	58,763	133.3	178.2	179,856	149.0	20,123	100.9	188.2	
	(of which construction machinery)	7,013	60.8	2,157	3,727	172.8	166.3	9,879	150.4	1,426	134.4	342.0	
	(of which dies and molds)	13,283	63.3	5,060	8,553	169.0	267.3	23,568	193.7	3,100	118.5	280.0	
	4. Motor Vehicles	83,437	59.7	29,052	28,417	97.8	161.8	104,029	141.0	9,528	98.5	122.0	
	(of which auto parts)	55,580	54.9	21,831	21,173	97.0	179.2	76,843	157.6	7,891	125.1	139.4	
	5. Electrical Machinery		21,239	90.2	8,470	14,318	169.0	254.1	40,527	212.5	5,408	101.9	408.8
	6. Precision Machinery		13,076	67.1	6,496	6,359	97.9	180.9	21,518	178.1	2,673	114.1	261.8
	5 – 6. Electrical & Precision Machinery (Sub Total)		34,315	79.8	14,966	20,677	138.2	226.0	62,045	199.2	8,081	105.7	344.8
	7. Aircraft, Shipbuilding & Transport equipment		11,089	45.4	2,630	3,918	149.0	136.0	14,093	136.1	1,145	35.9	221.0
	(of which aircraft)	3,598	30.0	619	1,301	210.2	267.7	4,265	129.6	331	37.9	–	
3 – 7. Sub total		261,953	64.0	90,720	111,775	123.2	178.6	360,023	152.5	38,877	96.1	182.0	
8. Other Machinery & Equipment		12,185	77.2	5,992	8,462	141.2	338.8	24,307	220.9	2,572	106.7	169.8	
9. Government, Public Agencies & Schools		2,975	118.5	1,072	2,817	262.8	177.5	6,703	235.9	1,298	104.6	447.6	
10. Others		8,444	70.1	2,327	2,649	113.8	120.9	9,442	119.9	1,228	118.0	151.4	
11. Trading Companies		4,135	65.4	1,847	1,416	76.7	124.8	5,562	143.3	786	146.1	304.7	
1–11. Domestic Total		324,455	65.8	113,957	147,520	129.5	188.8	459,129	156.9	50,001	99.4	184.9	
12. Foreign		577,380	78.4	266,034	257,962	97.0	179.5	943,063	184.9	95,400	96.4	154.8	
1–12. Grand Total		901,835	73.3	379,991	405,482	106.7	182.8	1,402,192	174.7	145,401	97.4	164.0	
(of which: NC machines)		884,770	73.3	374,264	398,939	106.6	183.7	1,378,896	175.1	142,624	97.8	163.5	
Sales		1,033,616	68.8	308,866	331,779	107.4	132.9	1,154,577	124.0	105,037	102.1	128.4	
(of which: NC machines)		1,010,596	68.5	303,691	326,517	107.5	133.8	1,134,987	124.6	103,157	101.8	128.6	
Order Backlog		430,794	76.8	517,707	591,410	114.2	141.0	678,136	156.3	678,136	106.3	156.3	
(of which: NC machines)		415,568	76.6	503,054	575,476	114.4	142.1	659,477	157.1	659,477	106.4	157.1	

