

## The Current Condition of the Japanese Machine Tool Industry

### Monthly Machine Tool Orders (November 2022)

The total value of machine tool orders in November was 134.19 billion yen. This was a decrease of 4.9% compared to October 2022 and marked the second consecutive month of month-on-month decline. Moreover, this figure represented a decrease of 7.7% compared to the same month of the previous year and marked the second consecutive month of year-on-year decline. The total amount of orders fell below 140 billion yen for the first time in three months but exceeded 100 billion yen for twenty-second consecutive months.

Orders in November show signs of calming down, but still remain at a high level. We will continue to pay close attention to financial trends and the outlook for the global economy.

Domestic orders rose by 2.5% over October, amounting to 45.67 billion yen. This marked the first month of month-on-month growth in two months. However, this figure was a decrease of 8.7% from the same month of the previous year and marked the third consecutive month of year-on-year decline. Looking at major industries, orders compared to October rose by 8.3% in industrial machinery, fell by 23.2% in motor vehicles, rose by 4.6% in electrical & precision machinery, and by 15.6% in aircraft, shipbuilding & transport equipment.

Foreign orders fell by 8.3% from October to 88.52 billion yen, marked the second consecutive month of month-on-month decline. In addition, foreign orders showed a decrease of 7.2% from the same month of the previous year, and this marked the second consecutive month of year-on-year decline. By region, orders from Asia fell by 6.6% from October to 41.70 billion yen. This was a decrease of 4.6% from the same month of the previous year. Orders from Europe rose by 10.4% over October to 21.19 billion yen. This was an increase of 3.6% over the same month of the previous year. Orders from North America fell by 18.9% from October, amounting to 24.34 billion yen. This figure was a decrease of 17.0% from the same month of the previous year.



## NET NEW ORDERS – METAL CUTTING MACHINE TOOLS IN JAPAN

(Value: in Millions of Yen)

Period		Total 2021	21/20 (%)	22/04–22/06	22/07–22/09	Previous Quarter (%)	year-to-year (%)	22/01–22/11	year-to-year (%)	Nov. '22	Nov. 22/Oct. 22 (%)	Nov. 22/Nov. 21 (%)
1. Primary Metals		17,981	159.6	5,133	4,327	84.3	67.1	17,685	106.4	1,927	153.5	122.3
2. Fabricated Metal Products		40,274	171.4	13,597	13,337	98.1	95.6	47,866	131.2	5,063	136.4	138.2
Machinery & Equipment Industries	3. Industrial Machinery	200,489	150.6	67,123	61,626	91.8	104.9	227,673	126.6	18,999	108.3	94.4
	(of which construction machinery)	11,166	159.2	4,517	2,749	60.9	73.8	12,544	127.0	979	118.1	68.7
	(of which dies and molds )	26,785	201.6	9,599	9,286	96.7	108.6	32,779	139.1	2,376	105.6	76.6
	4. Motor Vehicles	115,123	138.0	36,655	38,949	106.3	137.1	124,585	119.8	8,057	76.8	84.6
	(of which auto parts)	84,015	151.2	25,045	26,651	106.4	125.9	86,025	111.9	5,567	68.6	70.5
	5. Electrical Machinery	45,020	212.0	13,600	13,490	99.2	94.2	52,863	130.4	4,217	131.9	78.0
	6. Precision Machinery	24,423	186.8	7,201	7,048	97.9	110.8	27,300	126.9	1,627	68.1	60.9
	5 – 6. Electrical & Precision Machinery (Sub Total)	69,443	202.4	20,801	20,538	98.7	99.3	80,163	129.2	5,844	104.6	72.3
	7. Aircraft, Shipbuilding & Transport equipment	16,026	144.5	4,502	3,742	83.1	95.5	17,386	123.4	2,253	115.6	196.8
	(of which aircraft)	4,791	133.2	1,180	1,434	121.5	110.2	5,318	124.7	901	153.5	272.2
3 – 7. Sub total		401,081	153.1	129,081	124,855	96.7	111.7	449,807	124.9	35,153	98.8	90.4
8. Other Machinery & Equipment		26,774	219.7	8,058	6,885	85.4	81.4	24,566	101.1	1,772	84.1	68.9
9. Government, Public Agencies & Schools		7,349	247.0	270	878	325.2	31.2	2,004	29.9	137	58.3	10.6
10. Others		10,582	125.3	3,332	3,900	117.0	147.2	12,844	136.0	1,289	121.1	105.0
11. Trading Companies		6,283	151.9	1,842	1,982	107.6	140.0	6,197	111.4	324	51.8	41.2
1–11. Domestic Total		510,324	157.3	161,313	156,164	96.8	105.9	560,969	122.2	45,665	102.5	91.3
12. Foreign		1,031,095	178.6	301,730	276,423	91.6	107.2	1,058,088	112.2	88,521	91.7	92.8
1–12. Grand Total		1,541,419	170.9	463,043	432,587	93.4	106.7	1,619,057	115.5	134,186	95.1	92.3
(of which: NC machines)		1,514,935	171.2	454,924	424,103	93.2	106.3	1,589,192	115.3	131,788	95.1	92.4
Sales		1,283,499	124.2	362,729	402,230	110.9	121.2	1,414,332	122.5	148,545	135.9	141.4
(of which: NC machines)		1,261,733	124.9	357,717	395,524	110.6	121.1	1,392,933	122.7	146,737	136.4	142.2
Order Backlog		701,005	162.7	858,008	888,365	103.5	150.2	905,730	133.6	905,730	98.4	133.6
(of which: NC machines)		681,753	164.1	833,380	861,959	103.4	149.8	878,012	133.1	878,012	98.3	133.1

