

The Current Condition of the Japanese Machine Tool Industry

Monthly Machine Tool Orders (October 2022)

The total value of machine tool orders in October was 141.06 billion yen. This was a decrease of 6.5% compared to September 2022 and marked the first month of month-on-month decline in two months. Moreover, this figure represented a decrease of 5.5% compared to the same month of the previous year and marked the first month of year-on-year decline in twenty-four months.

The total amount of orders decreased from the same month of the previous year for the first time in 24 months but exceeded 140 billion yen for two consecutive months.

Orders in October continued to be at a high level for both domestic and foreign demand. We would like to keep a close watch on the outlook for the world economy in line with trends in monetary policy.

Domestic orders fell by 15.0% from September, amounting to 44.56 billion yen. This marked the first month of month-on-month decline in two months. Furthermore, this figure was a decrease of 11.4% from the same month of the previous year and marked the second consecutive year-on-year decline. Looking at major industries, orders compared to September fell by 14.2% in industrial machinery, by 12.9% in motor vehicles, by 17.4% in electrical & precision machinery, and rose by 26.5% in aircraft, shipbuilding & transport equipment.

Foreign orders fell by 2.0% from September to 96.50 billion yen, marked the first month of month-on-month decline in two months. In addition, foreign orders showed a decrease of 2.5% from the same month of the previous year, and this marked the first month of year-on-year decline in 24 months. By region, orders from Asia fell by 6.0% from September to 44.65 billion yen. This was an increase of 8.4% over the same month of the previous year. Orders from Europe rose by 1.2% over September to 19.20 billion yen. This was a decrease of 24.6% from the same month of the previous year. Orders from North America fell by 0.4% from September, amounting to 30.01 billion yen. This figure was a decrease of 1.3% 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 (%)	22/01-22/10	year-to-year (%)	Oct. '22	Oct. 22/Sept. 22 (%)	Oct. 22/Oct. 21 (%)
1. Primary Metals		17,981	159.6	5,133	4,327	84.3	67.1	15,758	104.8	1,255	60.4	123.8
2. Fabricated Metal Products		40,274	171.4	13,597	13,337	98.1	95.6	42,803	130.4	3,712	76.4	103.5
Machinery & Equipment Industries	3. Industrial Machinery	200,489	150.6	67,123	61,626	91.8	104.9	208,674	130.6	17,536	85.8	87.9
	(of which construction machinery)	11,166	159.2	4,517	2,749	60.9	73.8	11,565	136.8	829	119.1	78.1
	(of which dies and molds)	26,785	201.6	9,599	9,286	96.7	108.6	30,403	148.5	2,250	104.5	86.0
	4. Motor Vehicles	115,123	138.0	36,655	38,949	106.3	137.1	116,528	123.3	10,492	87.1	108.4
	(of which auto parts)	84,015	151.2	25,045	26,651	106.4	125.9	80,458	116.7	8,117	97.4	128.7
	5. Electrical Machinery	45,020	212.0	13,600	13,490	99.2	94.2	48,646	138.5	3,196	76.3	60.2
	6. Precision Machinery	24,423	186.8	7,201	7,048	97.9	110.8	25,673	136.2	2,389	92.9	102.0
	5-6. Electrical & Precision Machinery (Sub Total)	69,443	202.4	20,801	20,538	98.7	99.3	74,319	137.7	5,585	82.6	73.0
	7. Aircraft, Shipbuilding & Transport equipment	16,026	144.5	4,502	3,742	83.1	95.5	15,133	116.9	1,949	126.5	61.2
	(of which aircraft)	4,791	133.2	1,180	1,434	121.5	110.2	4,417	112.3	587	114.2	67.2
3-7. Sub total		401,081	153.1	129,081	124,855	96.7	111.7	414,654	129.1	35,562	87.2	87.9
8. Other Machinery & Equipment		26,774	219.7	8,058	6,885	85.4	81.4	22,794	104.9	2,107	101.9	87.4
9. Government, Public Agencies & Schools		7,349	247.0	270	878	325.2	31.2	1,867	34.5	235	63.5	18.9
10. Others		10,582	125.3	3,332	3,900	117.0	147.2	11,555	140.7	1,064	64.6	102.2
11. Trading Companies		6,283	151.9	1,842	1,982	107.6	140.0	5,873	123.0	625	101.8	116.2
1-11. Domestic Total		510,324	157.3	161,313	156,164	96.8	105.9	515,304	126.0	44,560	85.0	88.6
12. Foreign		1,031,095	178.6	301,730	276,423	91.6	107.2	969,567	114.4	96,502	98.0	97.5
1-12. Grand Total		1,541,419	170.9	463,043	432,587	93.4	106.7	1,484,871	118.1	141,062	93.5	94.5
(of which: NC machines)		1,514,935	171.2	454,924	424,103	93.2	106.3	1,457,404	117.9	138,569	93.5	95.0
Sales		1,283,499	124.2	362,729	402,230	110.9	121.2	1,265,787	120.6	109,338	67.0	106.3
(of which: NC machines)		1,261,733	124.9	357,717	395,524	110.6	121.1	1,246,196	120.8	107,567	67.0	106.1
Order Backlog		701,005	162.7	858,008	888,365	103.5	150.2	920,089	144.3	920,089	103.6	144.3
(of which: NC machines)		681,753	164.1	833,380	861,959	103.4	149.8	892,961	144.0	892,961	103.6	144.0

