

## The Current Condition of the Japanese Machine Tool Industry

### Monthly Machine Tool Orders (March 2013)

The total value of machine tool orders in March was 90.49 billion yen. This was an increase of 11.9% compared to February and marked the second consecutive month of increase. However, this figure represented a decrease of 21.5% compared to the same month of the previous year, with March posting the eleventh consecutive month of year-on-year decline.

Total monthly orders exceeded 90 billion yen for the first time in 5 months. Although seasonal factors influenced the growth of March orders, recovery trends can be seen in both domestic and foreign markets. We look forward to a continuation of these favorable trends.

Domestic orders rose by 22.9% over February amounting to 33.6 billion yen. This marked the second consecutive month-on-month increase. However, this figure was a decrease of 14.0% from the same month of the previous year and marked ten consecutive months of year-on-year decline.

Looking at major industries, orders compared to February rose by 37.2% in industrial machinery, by 0.6% in motor vehicles, by 38.6% in electrical and precision machinery, and by 10.6% in aircraft, shipbuilding and transport equipment.

Foreign orders rose by 6.2% over February to 56.89 billion yen. This marked the second month of month-on-month growth. But at the same time, foreign orders showed a decrease of 25.3% from the same month of the previous year, with March posting the sixth consecutive year-on-year decline.

By region, orders from Asia rose by 13.6% over the previous month to 24.40 billion yen. This was a decrease of 43.4% from the same month of the previous year. Orders from Europe rose by 19.1% over February to 11.63 billion yen. This was a decrease of 8.1% from the same month of the previous year. Orders from North America fell by 7.3% from February, amounting to 19.89 billion yen. However, this was an increase of 4.4% over the same month of the previous year.

# 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		ton						ton					Persons	INDEX
90年	1,412,123	111.2	1,038,791	111.5	373,332	110.5	1,323,494	612,728	196,131	459,814	1,303,442	114.4	196,966	1,336,812	9,723	25,170	455,809	106.4	68,645	135.9	36,849	100.0
91年	1,141,209	80.8	848,219	81.7	292,990	78.5	1,257,208	489,427	172,034	428,691	1,265,587	97.1	169,496	1,288,204	15,122	31,239	411,948	90.4	58,496	85.2	37,965	101.8
92年	710,221	62.2	474,561	55.9	235,660	80.4	826,975	354,933	116,649	283,840	831,087	65.7	118,591	850,528	14,408	28,126	330,291	80.2	41,027	70.1	38,265	101.2
93年	531,783	74.9	322,570	68.0	209,213	88.8	594,359	266,959	88,930	213,731	592,727	71.3	92,321	619,656	12,252	24,718	306,094	92.7	25,230	61.5	34,512	97.7
94年	573,083	107.8	315,493	97.8	257,590	123.1	562,809	273,172	88,109	215,620	554,080	93.5	89,860	575,984	11,016	20,842	328,786	107.4	25,226	100.0	29,340	96.2
95年	775,538	135.3	407,238	129.1	368,300	143.0	716,330	330,125	100,293	278,759	699,351	126.2	101,019	710,628	10,831	19,606	478,054	145.4	41,032	162.7	28,394	100.0
96年	938,194	121.0	509,777	125.2	428,417	116.3	866,418	400,399	106,813	316,732	837,453	119.7	108,124	850,630	10,378	21,546	591,653	123.8	64,384	156.9	27,678	98.4
97年	1,130,609	120.5	635,136	124.6	495,473	115.7	1,062,001	470,117	115,149	410,045	1,017,129	121.5	116,160	1,070,158	11,125	19,657	649,395	109.8	71,443	111.0	27,487	100.1
98年	989,200	87.5	457,214	72.0	531,986	107.4	1,093,216	381,690	96,805	397,333	1,010,541	99.4	96,649	1,060,603	11,296	24,964	657,055	101.2	65,843	92.2	28,354	99.3
99年	756,616	76.5	361,922	79.2	394,694	74.2	814,406	322,337	71,710	280,409	739,461	73.2	73,659	775,298	7,215	19,025	529,222	80.5	63,711	96.8	27,793	95.8
00年	975,046	128.9	521,686	144.1	453,360	114.9	887,942	402,721	90,916	313,842	814,636	110.2	91,797	816,123	7,004	17,697	622,056	117.2	85,572	134.3	24,962	100.0
01年	788,898	80.9	411,125	78.8	377,773	83.3	874,107	313,370	74,572	300,527	776,453	95.3	74,911	781,440	6,922	18,320	558,403	90.1	69,619	81.4	23,848	100.3
02年	675,837	85.7	350,322	85.2	325,515	86.2	670,714	308,372	55,807	227,217	585,098	75.4	58,144	594,957	4,483	16,083	484,668	86.8	50,904	73.1	22,545	98.8
03年	851,101	125.9	441,587	126.1	409,514	125.8	792,356	348,947	65,673	272,171	690,205	118.0	64,013	692,463	3,851	14,687	564,105	116.4	53,163	104.4	22,130	99.2
04年	1,236,192	145.2	672,839	152.4	563,353	137.6	1,025,726	555,840	79,500	361,935	878,082	127.2	76,091	879,589	4,092	17,384	683,066	121.1	88,245	166.0	22,141	101.6
05年	1,363,203	110.3	746,709	111.0	616,494	109.4	1,275,637	644,180	92,385	453,038	1,110,257	126.4	88,719	1,125,758	5,049	23,025	815,110	119.3	107,453	121.8	22,907	100.0
06年	1,436,970	105.4	733,009	98.2	703,961	114.2	1,407,258	684,266	100,171	492,096	1,211,230	109.1	94,383	1,232,261	6,963	26,930	921,456	113.0	135,649	126.2	23,503	101.1
07年	1,589,991	110.6	726,424	99.1	863,567	122.7	1,522,632	758,815	106,282	515,268	1,303,164	107.6	98,752	1,317,226	9,662	32,006	892,032	96.8	72,601	53.5	24,624	100.6
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	29,459	181,556	490,275	39.2	29,894	514,793	9,567	22,682	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	74,718	311,621	834,109	170.1	67,954	820,517	10,486	24,518	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	94,282	444,133	1,172,930	140.6	87,452	1,170,069	10,443	28,728	855,195	140.5	43,442	142.1	24,355	102.5
2012	1,212,445	91.4	375,822	89.1	836,623	92.5	1,329,650	543,736	94,872	431,043	1,155,121	98.5	95,817	1,172,853	9,854	34,446	945,594	110.6	51,080	117.6	25,514	102.5
F.Y. 2010	1,113,604	203.5	353,591	187.1	760,013	212.2	963,307	540,050	82,342	360,679	961,957	202.0	75,789	955,583	9,531	21,282	687,264	205.9	34,378	121.4	23,401	100.6
2011	1,311,100	117.7	418,853	118.5	892,247	117.4	1,246,026	603,683	96,907	457,193	1,198,670	124.6	90,937	1,193,202	9,363	28,367	907,842	132.1	45,940	133.6	24,776	103.1
2012	1,139,843	86.9	362,870	86.6	776,973	87.1	1,273,978	476,008														101.8
2012 1-3	315,627	95.4	97,905	97.3	217,722	94.6	366,430	603,683	25,151	120,774	318,544	108.8	25,452	325,537	9,363	28,367	250,688	126.6	14,025	121.7	25,205	103.7
4-6	320,813	93.4	101,746	94.8	219,067	92.7	303,000	621,623	23,726	102,518	274,247	98.6	23,252	269,911	10,333	32,869	224,314	112.1	10,987	120.3	25,692	103.2
7-9	309,412	95.9	92,885	85.3	216,527	101.2	362,495	574,865	25,583	111,644	302,182	98.0	25,940	312,513	10,375	33,906	249,413	110.1	12,701	101.8	25,743	101.8
10-12	266,593	81.0	83,286	79.5	183,307	81.7	297,725	543,736	20,412	96,107	260,148	88.6	21,173	264,892	9,854	34,446	221,180	96.0	13,367	129.8	25,414	101.4
2013 1-3	243,025	77.0	84,953	86.8	158,072	72.6	310,758	476,008														100.8
2011 9	110,507	120.1	35,496	130.9	75,011	115.6	126,653	629,457	8,377	42,333	113,677	130.5	8,105	116,962	9,718	25,314	81,227	137.7	4,348	152.5	25,115	103.1
10	101,110	126.0	31,709	125.0	69,401	126.5	84,482	646,080	7,331	34,225	87,154	107.8	6,633	85,908	9,997	26,198	67,016	120.3	3,041	103.1	25,222	103.0
11	111,998	115.8	37,732	122.0	74,266	112.9	102,661	655,414	7,995	39,056	101,511	121.2	7,191	96,214	10,313	28,693	75,235	116.8	3,360	124.6	25,053	103.0
12	115,981	117.4	35,357	112.2	80,624	119.9	118,260	653,138	8,524	40,536	105,018	116.6	7,894	107,225	10,443	28,728	88,245	124.7	3,898	130.5	25,015	103.2
2012 1	97,404	93.1	27,896	88.2	69,508	95.3	90,541	660,008	7,741	35,627	91,152	115.9	7,274	85,794	10,489	31,580	59,918	132.9	5,021	128.9	25,212	103.8
2	102,969	91.4	30,950	83.7	72,019	95.2	107,618	656,777	8,523	37,806	101,054	102.2	7,693	96,620	10,786	33,340	84,723	122.1	3,648	110.2	25,223	103.9
3	115,254	101.6	39,059	121.9	76,195	93.5	168,271	603,683	8,887	47,341	126,338	109.5	10,485	143,123	9,363	28,367	106,047	126.9	5,356	123.9	25,179	103.5
4	107,318	100.4	34,324	103.0	72,994	99.2	88,730	622,397	7,716	34,277	90,103	110.3	7,588	88,922	9,638	30,479	76,399	115.9	3,178	115.4	25,603	104.0
5	104,841	97.0	32,607	101.0	72,234	95.3	99,452	627,786	7,659	31,799	86,961	95.1	7,748	85,077	9,812	31,681	70,842	117.1	4,183	132.6	25,592	102.8
6	108,654	84.5	34,815	83.5	73,839	85.0	114,818	621,623	8,351	36,442	97,183	92.5	7,916	95,912	10,333	32,869	77,073	104.5	3,626	112.4	25,882	102.7
7	105,732	93.3	32,437	90.7	73,295	94.5	114,455	612,897	8,629	36,622	96,361	98.7	8,558	97,218	10,505	33,730	87,678	110.6	3,601	78.2	25,981	102.3
8	96,264	97.3	29,445	78.4	66,819	108.9	108,148	607,336	8,441	34,996	96,592	99.7	8,562	99,736	10,494	34,985	85,727	130.0	4,712	133.5	25,670	101.8
9	107,416	97.2	31,003	87.3	76,413	101.9	139,892	574,865	8,513	40,026	109,229	96.1	8,820	115,559	10,375	33,906	76,007	93.6	4,388	100.9	25,579	101.2
10	94,310	93.3	27,521	86.8	66,789	96.2	90,487	578,692	7,246	31,299	86,642	99.4	7,487	86,748	10,173	34,505	76,733	114.5	5,260	172.9	25,514	101.1
11	88,170	78.7	29,863	79.1	58,307	78.5	95,487	571,375	6,650	31,531	84,226	83.0	7,047	86,091	9,877	35,358	71,114	94.5	4,235	126.0	25,394	100.5
12	84,113	72.5	25,902	73.3	58,211	72.2	111,751	543,736	6,516	33,277	89,280	85.0	6,639	92,053	9,854	34,446	73,333	83.1	3,873	99.4	25,333	102.6
2013 1	71,663	73.6	24,025	86.1	47,638	68.5	79,448	535,953	5,601	25,834	74,036	81.2										

NET NEW ORDERS—METAL CUTTING MACHINE TOOLS IN JAPAN

(Value in Millions of Yen)

Industry \ Period		Total 2012	12/11 (%)	12/10-12/12	13/01-13/03	Previous Quarter (%)	year-to-year (%)	13/01-13/03	year-to-year (%)	Mar. '13	Mar. 13/Feb. 13 (%)	Mar. 13/Mar. 12 (%)
1.	Primary Metals	7,308	83.4	2,084	2,023	97.1	130.4	2,023	130.4	840	113.5	131.0
2.	Fabricated Metal Products	14,272	86.0	3,566	4,642	130.2	141.7	4,642	141.7	2,212	155.6	171.2
Machinery & Equipment Industries	3. Industrial Machinery	160,076	84.7	32,049	34,986	109.2	82.0	34,986	82.0	14,359	137.2	89.5
	(of which dies and molds)	21,897	100.4	4,789	5,506	115.0	96.9	5,506	96.9	2,126	169.8	91.6
	4. Motor Vehicles	116,527	95.3	27,391	25,591	93.4	83.3	25,591	83.3	9,264	100.6	70.9
	(of which auto parts)	72,989	87.2	17,585	16,224	92.3	82.6	16,224	82.6	6,575	122.1	90.6
	5. Electrical Machinery	20,034	84.8	4,464	5,154	115.5	110.9	5,154	110.9	1,974	131.2	120.2
	6. Precision Machinery	16,008	70.0	3,128	3,309	105.8	72.0	3,309	72.0	1,314	151.6	84.2
	5-6. Electrical & Precision Machinery (Sub Total)	36,042	77.6	7,592	8,463	111.5	91.5	8,463	91.5	3,288	138.6	102.7
	7. Aircraft, Shipbuilding & Transport equipment	18,986	139.0	5,102	3,856	75.6	76.5	3,856	76.5	1,479	110.6	52.4
3-7 Machinery & Equipment Industries (Sub Total)	331,631	89.3	72,134	72,896	101.1	83.2	72,896	83.2	28,390	121.4	80.8	
8.	Other Machinery & Equipment	10,311	73.8	2,313	2,913	125.9	128.7	2,913	128.7	1,193	129.4	138.1
9.	Government, Public Agencies & Schools	3,222	99.2	1,162	410	35.3	84.5	410	84.5	93	56.4	145.3
10.	Others	5,824	110.2	1,245	1,439	115.6	86.6	1,439	86.6	657	149.0	96.5
11.	Trading Companies	3,254	135.4	782	630	80.6	62.0	630	62.0	213	83.2	56.6
1-11.	Domestic Total	375,822	89.1	83,286	84,953	102.0	86.8	84,953	86.8	33,598	122.9	86.0
12.	Foreign	836,623	92.5	183,307	158,072	86.2	72.6	158,072	72.6	56,890	106.2	74.7
1-12.	Grand Total	1,212,445	91.4	266,593	243,025	91.2	77.0	243,025	77.0	90,488	111.9	78.5
	(of which: NC machines)	1,182,157	91.6	259,176	236,525	91.3	77.1	236,525	77.1	88,049	112.1	78.6

Sales	1,329,650	112.7	297,725	310,758	104.4	84.8	310,758	84.8	141,580	157.8	84.1
(of which: NC machines)	1,293,883	113.1	289,177	302,493	104.6	85.4	302,493	85.4	137,684	156.6	83.8
Order Backlog	543,736	83.2	543,736	476,008	87.5	78.9	476,008	78.9	476,008	90.3	78.9
(of which: NC machines)	519,224	83.3	519,224	453,252	87.3	78.6	453,252	78.6	453,252	90.1	78.6

# NET NEW ORDERS BY DESTINATION

(Value in Millions of Yen)

2013		Jan.		Feb.		Mar.		Apr.		May		Jun.		Jul.		Aug.		Sep.		Oct.		Nov.		Dec.		Total			
			%		%		%		%		%		%		%		%		%		%		%		%	2013	%		
Asia	East Asia	Korea	2,951	213.7	2,276	144.7	1,986	110.6																			7,213	151.9	
		Taiwan	1,179	64.9	938	72.5	1,805	123.6																			3,922	85.8	
		China	7,945	34.6	10,498	37.4	12,720	46.4																				31,163	39.7
		Other	31	6.3	0	-	6	4.4																				37	3.2
		East Asia Total	12,106	45.4	13,712	43.6	16,517	53.6																				42,335	47.6
	Other Asia	Thailand	2,210	28.5	3,502	67.5	2,421	44.1																				8,133	44.1
		Malaysia	226	56.5	195	9.9	220	40.1																				641	21.9
		Singapore	275	17.4	240	23.3	372	98.2																				887	29.7
		India	800	20.9	691	20.6	1,781	76.4																				3,272	34.4
		Other	1,604	67.9	3,127	136.5	3,085	87.4																				7,816	95.5
	Other Asia Total	5,115	32.1	7,755	56.0	7,879	64.1																				20,749	49.3	
Sub Total		17,221	40.4	21,467	47.4	24,396	56.6																				63,084	48.2	
Europe	E U	Germany	2,303	64.2	2,441	95.4	3,836	77.6																			8,580	77.4	
		U. Kingdom	1,426	110.4	963	51.3	1,396	83.0																			3,785	78.0	
		Italy	1,051	207.7	715	158.2	1,082	249.9																			2,848	204.7	
		France	1,174	122.2	1,214	123.4	1,166	88.5																				3,554	108.9
		Central Europe	1,031	510.4	1,144	284.6	994	113.6																				3,169	214.3
		Other West Europe	1,064	134.0	977	98.4	866	51.1																				2,907	83.5
		Other East Europe	135	75.8	138	98.6	171	83.8																				444	85.1
		Russia	776	182.6	746	99.1	446	223.0																				1,968	142.8
	Sub Total		10,072	112.7	9,763	108.0	11,626	91.9																				31,461	102.7
	North America	USA	17,610	113.1	20,097	134.7	16,576	99.7																				54,283	115.2
Canada		861	87.9	888	108.0	1,478	158.1																				3,227	117.9	
Mexico		1,529	227.2	476	60.2	1,840	122.2																				3,845	129.5	
Sub Total		20,000	116.1	21,461	129.8	19,894	104.4																				61,355	116.2	
S.&C. America	Brazil	234	50.3	267	32.5	300	67.3																				801	46.2	
	Other	1	33.3	137	1053.8	149	310.4																				287	448.4	
	Sub Total		235	50.2	404	48.4	449	90.9																				1,088	60.5
Other	Australia	37	44.6	268	98.5	404	105.8																				709	96.2	
	Other	73	35.4	181	464.1	121	24.9																				375	51.4	
	Sub Total		110	38.1	449	144.4	525	60.6																				1,084	73.9
Grand Total		47,638	68.5	53,544	74.3	56,890	74.7																				158,072	72.6	
Of which:NC Machines		47,079	68.7	52,825	74.6	55,941	74.5																				155,845	72.7	

(Note) 1. The countries newly joined EU are included in "Central Europe" since May, 2004. 2. Oceania, Middle East and Africa are included in "Other" region. 3. % previous year

Japan Machine Tool Builders' Association