



JMTBA NOTES

NEWS RELEASE

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The Current Condition of the Japanese Machine Tool Industry

Monthly Machine Tool Orders (September 2012)

The total value of machine tool orders in September was 107.4 billion yen. This was an increase of 11.6% compared to August and marked the first month-on-month growth in three months. However, this figure represented a decrease of 2.8% compared to the same month of the previous year, with September posting the fifth consecutive month of year-on-year decline.

Total orders exceeded 100 billion yen for the first time in the two months. The increase in total orders compared to the previous month was due to an increase in spot orders as well as the effects of a trade fair, etc. Currently we are keeping a close watch on the effects on the investment climate caused by instability in the European economy and the slowdown of China's economy.

Domestic orders rose by 5.3% over August, amounting to 31.0 billion yen. This marked the first month-on-month increase in three months. However, this figure was also a decrease by 12.7% from the same month of the previous year, marking four consecutive months of year-on-year decline. Looking at major industries, orders compared to August fell by 6.6% in industrial machinery and 15.2% in motor vehicles but rose by 47.3% in electrical and precision machinery and 132.9% in aircraft, shipbuilding and transport equipment.

Foreign orders rose by 14.4 % over August to 76.41 billion yen. This was a monthly record for foreign orders in 2012 and marked the first month-on-month growth in three months. In addition, foreign orders showed an increase of 1.9% over the same month of the previous year, with September posting the second consecutive month of year-on-year growth.

By region, orders from Asia rose by 9.0% over the previous month to 40.2 billion yen. This was an increase of 16.1% over the same month of the previous year. Orders from Europe rose by 21.6% over August to 9.54 billion yen. However, this was a decrease of 31.0% from the same month of the previous year. Orders from North America rose to 25.83 billion yen, an increase of 21.3% over August and 4.7% 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 No. of Persons	WHOLE-SALE PRICE INDEX
	Total	%	Domestic	%	Foreign	%	Sales	Order Backlog	Unites	Weight	Value	%	Unites	Value	Unites	Weight	Value	%	Value	%		
	Value		Value		Value		Value	Value		ton						ton						
C.Y. 1990	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
1991	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
1992	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
1993	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
1994	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
1995	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
1996	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
1997	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
1998	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
1999	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
2000	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	620,056	117.2	85,572	134.3	24,962	100.0
2001	788,898	80.9	411,125	78.8	377,773	83.3	874,107	313,370	74,752	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
2002	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
2003	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
2004	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
2005	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
2006	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
2007	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
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
F.Y. 2008	969,042	60.8	411,396	57.1	557,646	63.9	1,275,929	407,075	77,453	424,752	1,080,759	82.1	72,334	1,100,554	10,562	28,864	743,900	81.3	53,151	77.7	25,362	101.8
2009	547,149	56.5	189,013	45.9	358,136	64.2	556,418	391,021	34,932	172,191	476,318	44.1	33,993	492,459	9,142	19,841	333,805	44.9	28,317	53.3	24,123	99.4
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	907,645	132.1	45,940	133.6	24,776	103.1
2011 7-9	322,799	123.2	108,833	128.0	213,966	120.9	316,698	629,457	24,239	116,669	308,263	133.6	22,684	308,783	9,718	25,314	226,481	136.1	12,482	163.4	24,799	103.3
10-12	329,089	119.4	104,798	119.3	224,291	119.4	305,403	653,138	23,850	113,817	293,683	115.3	21,718	289,347	10,443	28,728	230,496	120.8	10,299	119.3	25,097	103.1
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	250,491	126.5	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	224,258	112.0	10,983	120.2	25,692	103.2
7-9	309,412	95.9	92,885	85.3	216,527	101.2	362,495	574,865														101.8
2011 3	113,486	149.6	32,037	166.1	81,449	144.0	136,217	540,050	8,352	42,540	115,348	164.4	8,808	131,708	9,531	21,282	83,555	148.2	4,321	171.2	23,550	101.4
4	106,943	132.3	33,332	150.1	73,611	125.6	68,590	574,355	7,453	31,827	81,672	138.5	6,598	79,349	9,467	22,613	65,928	155.5	2,754	136.8	23,805	101.5
5	108,061	134.0	32,297	112.7	75,764	145.8	83,553	602,741	7,617	33,599	91,424	162.6	6,653	86,363	9,710	24,353	60,491	144.1	3,154	151.2	24,038	102.8
6	128,581	153.5	41,688	142.5	86,893	159.4	105,352	623,352	8,597	40,507	105,084	153.1	7,832	103,823	9,741	24,675	73,758	155.1	3,226	130.1	24,173	102.3
7	113,363	134.8	35,763	122.2	77,600	141.4	93,816	642,900	8,380	36,924	97,666	138.2	7,230	94,399	10,053	25,876	79,292	150.4	4,605	190.7	24,214	102.3
8	98,929	115.2	37,574	131.3	61,355	107.2	96,229	645,603	7,482	37,412	96,920	133.0	7,349	97,422	9,889	26,907	65,962	120.6	3,528	148.8	25,069	104.5
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	103.1
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	84,527	121.8	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	76,370	115.8	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	70,814	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	3,621	112.2	25,882	102.7
7	105,																					

NET NEW ORDERS—METAL CUTTING MACHINE TOOLS IN JAPAN

(Value in Millions of Yen)

Industry \ Period		Total 2011	11/10 (%)	12/04-12/06	12/07-12/09	Previous Quarter (%)	year-to-year (%)	12/01-12/09	year-to-year (%)	Sept. '12	Sept. 12/Aug. 12 (%)	Sept. 12/Sept. 11 (%)
1.	Primary Metals	8,766	144.6	1,917	1,756	91.6	99.4	5,224	92.2	487	69.7	63.0
2.	Fabricated Metal Products	16,595	147.9	3,250	4,180	128.6	104.3	10,706	81.7	1,690	161.9	93.7
Machinery & Equipment Industries	3. Industrial Machinery	188,942	150.5	45,152	40,229	89.1	84.4	128,027	88.8	12,294	93.4	85.3
	(of which dies and molds)	21,803	133.3	5,792	5,633	97.3	90.9	17,108	106.9	1,654	93.8	90.1
	4. Motor Vehicles	122,256	136.8	31,801	26,613	83.7	79.8	89,136	99.3	7,662	84.8	78.6
	(of which auto parts)	83,748	140.2	19,654	16,102	81.9	70.0	55,404	91.2	4,541	78.8	71.5
	5. Electrical Machinery	23,613	122.8	5,690	5,232	92.0	90.4	15,570	83.6	2,515	172.5	99.5
	6. Precision Machinery	22,858	106.5	4,171	4,110	98.5	69.2	12,880	76.5	1,440	117.4	66.5
	5-6. Electrical & Precision Machinery (Sub Total)	46,471	114.2	9,861	9,342	94.7	79.6	28,450	80.2	3,955	147.3	84.3
	7. Aircraft, Shipbuilding & Transport equipment	13,662	97.2	4,786	4,060	84.8	109.2	13,884	130.8	1,805	232.9	131.2
3-7 Machinery & Equipment Industries (Sub Total)	371,331	137.7	91,600	80,244	87.6	83.2	259,497	92.6	25,716	100.2	85.1	
8.	Other Machinery & Equipment	13,969	133.2	2,672	3,063	114.6	79.9	7,998	76.4	1,558	210.8	87.4
9.	Government, Public Agencies & Schools	3,247	98.6	203	1,372	675.9	348.2	2,060	111.5	729	144.1	305.0
10.	Others	5,287	106.7	1,426	1,492	104.6	103.5	4,579	120.6	547	96.0	109.0
11.	Trading Companies	2,404	132.0	678	778	114.7	83.4	2,472	135.7	276	119.5	160.5
1-11.	Domestic Total	421,599	137.1	101,746	92,885	91.3	85.3	292,536	92.3	31,003	105.3	87.3
12.	Foreign	904,589	134.8	219,067	216,527	98.8	101.2	653,316	96.0	76,413	114.4	101.9
1-12.	Grand Total	1,326,188	135.5	320,813	309,412	96.4	95.9	945,852	94.9	107,416	111.6	97.2
	(of which: NC machines)	1,290,606	138.1	313,492	302,844	96.6	96.4	922,981	95.1	104,910	111.3	97.5

Sales	1,179,316	138.5	303,000	362,495	119.6	114.5	1,031,925	118.1	139,892	129.4	110.5
(of which: NC machines)	1,143,920	140.4	296,485	354,050	119.4	115.0	1,004,706	118.6	136,291	129.1	110.5
Order Backlog	653,138	128.5	621,623	574,865	92.5	91.3	574,865	91.3	574,865	94.7	91.3
(of which: NC machines)	623,263	130.2	593,940	549,009	92.4	91.5	549,009	91.5	549,009	94.6	91.5

NET NEW ORDERS BY DESTINATION

(Value in Millions of Yen)

2012		Jan.		Feb.		Mar.		Apr.		May		Jun.		Jul.		Aug.		Sep.		Oct.		Nov.		Dec.		Total 2012			
			%		%		%		%		%		%		%		%		%		%		%		%		%		
Asia	East Asia	Korea	1,381	49.1	1,573	41.8	1,796	28.2	1,599	50.7	1,954	59.0	2,012	68.8	1,863	67.5	2,682	105.7	1,585	59.8							16,445	54.3	
		Taiwan	1,818	150.1	1,294	91.2	1,460	81.0	1,111	71.4	826	60.7	854	61.0	1,093	98.2	1,127	152.5	1,497	186.4							11,080	97.2	
		China	22,956	69.8	28,065	87.8	27,443	103.2	29,432	104.2	28,919	109.1	29,207	81.5	30,377	105.8	23,640	119.5	27,064	107.8							247,103	96.7	
		Other	493	594.0	526	26300.0	137	119.1	73	1042.9	7	21.2	-2	-	1	8.3	34	425.0	-2	-							1,267	406.1	
		East Asia Total	26,648	72.0	31,458	84.7	30,836	88.4	32,215	97.7	31,706	101.6	32,071	79.8	33,334	102.3	27,483	119.1	30,144	105.5							275,895	92.7	
	Other Asia	Thailand	7,766	225.8	5,189	117.0	5,496	121.9	5,756	281.5	3,903	89.2	4,038	104.4	3,099	84.7	4,623	244.7	4,602	167.8							44,472	143.6	
		Malaysia	400	92.0	1,976	1197.6	548	192.3	394	102.6	250	22.2	491	99.8	630	157.1	142	50.7	98	77.8							4,929	133.5	
		Singapore	1,576	374.3	1,028	211.5	379	86.1	804	167.5	335	73.8	384	50.5	378	60.4	247	45.2	364	78.6							5,495	117.5	
		India	3,832	189.6	3,356	189.9	2,332	80.3	2,349	101.1	882	23.7	1,806	36.3	3,471	153.2	2,484	55.0	1,795	108.5							22,307	85.3	
		Other	2,363	148.4	2,291	157.7	3,530	229.5	1,574	124.0	3,257	213.4	3,538	172.2	3,527	117.6	1,916	114.7	3,209	297.1							25,205	166.0	
		Other Asia Total	15,937	201.5	13,840	166.6	12,285	127.0	10,877	167.3	8,627	77.0	10,257	84.4	11,105	111.6	9,412	105.7	10,068	166.0							102,408	126.9	
	Sub Total		42,585	94.9	45,298	99.6	43,121	96.8	43,092	109.2	40,333	95.1	42,328	80.8	44,439	104.4	36,895	115.4	40,212	116.1							378,303	100.0	
	Europe	E U	Germany	3,587	88.4	2,559	59.4	4,945	98.4	3,579	85.3	3,128	67.4	3,591	69.7	2,988	58.7	2,864	57.9	3,055	86.7							30,296	74.0
			U. Kingdom	1,292	89.0	1,879	159.2	1,682	131.7	1,503	127.8	1,133	94.1	799	60.3	1,076	84.7	663	39.2	738	60.1							10,765	91.2
Italy			506	45.5	452	35.5	433	26.1	1,088	79.7	729	74.3	613	45.2	601	37.8	277	24.7	472	34.1							5,171	43.7	
France			961	102.1	984	98.0	1,318	76.3	1,070	96.1	702	50.7	1,140	83.1	902	69.9	692	84.8	817	95.0							8,586	81.7	
Central Europe			202	22.4	402	42.3	875	77.8	636	54.6	623	89.0	925	72.2	804	78.1	1,165	79.2	1,074	89.1							6,706	68.2	
Other West Europe			794	78.9	993	90.5	1,694	128.1	862	46.3	1,041	74.5	1,118	111.8	1,015	79.2	607	70.9	867	43.4							8,991	76.1	
Other East Europe			178	147.1	140	127.3	204	313.8	161	110.3	202	102.5	133	45.2	116	64.1	357	266.4	575	164.8							2,066	129.4	
Russia			425	77.7	753	133.3	200	208.3	123	30.8	441	47.3	680	138.2	354	51.6	448	-	395	32.4							3,819	77.8	
Sub Total		8,936	77.6	9,044	77.1	12,651	91.9	10,110	71.1	8,877	67.8	10,234	73.1	8,785	63.3	7,841	64.1	9,535	69.0							86,013	72.7		
North America		USA	15,577	121.3	14,918	98.4	16,621	90.3	16,498	101.7	18,326	123.4	16,551	101.7	16,391	94.2	18,005	125.6	23,171	101.9							156,058	105.3	
	Canada	980	158.3	822	79.7	935	83.3	851	71.9	714	61.2	1,208	110.0	682	88.9	490	100.8	1,154	141.9							7,836	94.6		
	Mexico	673	39.3	791	59.2	1,506	73.5	1,414	185.1	2,614	152.4	2,026	177.6	1,762	128.1	2,797	428.3	1,507	136.9							15,090	127.4		
	Sub Total		17,230	113.5	16,531	94.3	19,062	88.3	18,763	103.2	21,654	122.1	19,785	106.9	18,835	96.4	21,292	137.6	25,832	104.7							178,984	106.3	
S.&C. America	Brazil	465	63.0	822	107.2	446	49.5	570	77.2	599	87.8	458	32.6	630	61.8	393	31.9	398	33.6							4,781	55.2		
	Other	3	2.7	13	108.3	48	77.4	10	21.7	61	30.2	0	-	0	-	29	30.2	16	44.4							180	22.8		
	Sub Total		468	55.1	835	107.2	494	51.3	580	74.0	660	74.7	458	30.7	630	54.6	422	31.8	414	34.0							4,961	52.5	
Other	Australia	83	18.9	272	264.1	382	105.8	307	39.0	369	23.1	461	113.3	434	136.1	192	114.3	300	58.4							2,800	59.6		
	Other	206	228.9	39	63.9	485	218.5	142	82.1	341	1002.9	573	458.4	172	113.9	177	93.7	120	74.1							2,255	186.8		
	Sub Total		289	54.7	311	189.6	867	148.7	449	46.8	710	43.5	1,034	194.4	606	128.9	369	103.4	420	62.1							5,055	85.6	
Grand Total		69,508	95.3	72,019	95.2	76,195	93.5	72,994	99.2	72,234	95.3	73,839	85.0	73,295	94.5	66,819	108.9	76,413	101.9							653,316	96.0		
Of which:NC Machines		68,479	94.8	70,828	95.3	75,098	94.8	72,412	100.7	72,027	96.9	73,074	86.0	72,589	95.6	66,328	110.3	75,818	102.4							646,653	96.9		

(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