

January - March 2025 Results
Production and Shipments of Manipulators and Robots by Applications
[JARA Member Companies]

Number of units, () : million yen

	January - March 2024	January - March 2025	Change from 2024
Orders	36,859 (158,234)	45,432 (209,133)	23.3% (32.2%)
Production	38,353 (162,607)	44,022 (198,642)	14.8% (22.2%)

Shipments Applications	January - March 2024			January - March 2025			Change from 2024			January - March 2024 (percentage distribution)			January - March 2025 (percentage distribution)		
	Domestic shipments	Exports	Total	Domestic shipments	Exports	Total	Domestic shipments	Exports	Total	Domestic shipments	Exports	Total	Domestic shipments	Exports	Total
Plastic moulding	709	592	1,301	734	587	1,321	3.5%	-0.8%	1.5%	6.6%	2.0%	3.2%	7.2%	1.7%	3.0%
Arc welding	1,032	3,724	4,756	732	4,928	5,660	-29.1%	32.3%	19.0%	9.6%	12.5%	11.7%	7.2%	14.3%	12.7%
Spot welding	577	2,984	3,561	617	4,241	4,858	6.9%	42.1%	36.4%	5.4%	10.0%	8.8%	6.1%	12.3%	10.9%
Laser welding	13	67	80	15	248	263	15.4%	270.1%	228.8%	0.1%	0.2%	0.2%	0.1%	0.7%	0.6%
Others	6	7	13	10	11	21	66.7%	57.1%	61.5%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%
Welding Units	1,628	6,782	8,410	1,374	9,428	10,802	-15.6%	39.0%	28.4%	15.1%	22.8%	20.7%	13.5%	27.3%	24.2%
(million yen)	(8,016)	(16,897)	(24,913)	(7,597)	(23,073)	(30,669)	(-5.2%)	(36.5%)	(23.1%)	(15.1%)	(14.1%)	(14.4%)	(14.0%)	(15.6%)	(15.2%)
Painting	165	440	605	213	420	633	29.1%	-4.5%	4.6%	1.5%	1.5%	1.5%	2.1%	1.2%	1.4%
Loading/unloading	319	1,830	2,149	285	3,735	4,020	-10.7%	104.1%	87.1%	3.0%	6.1%	5.3%	2.8%	10.8%	9.0%
Mechanical cutting	4	1	5	2	0	2	-50.0%	-100.0%	-60.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Grinding/deburring	41	84	125	38	207	245	-7.3%	146.4%	96.0%	0.4%	0.3%	0.3%	0.4%	0.6%	0.5%
Others	9	3	12	12	15	27	33.3%	400.0%	125.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.1%
Machining Units	373	1,918	2,291	337	3,957	4,294	-9.7%	106.3%	87.4%	3.5%	6.4%	5.7%	3.3%	11.5%	9.6%
(million yen)	(1,481)	(4,054)	(5,535)	(1,424)	(7,314)	(8,737)	(-3.9%)	(80.4%)	(57.9%)	(2.8%)	(3.4%)	(3.2%)	(2.6%)	(5.0%)	(4.3%)
Surface Mount Technology	302	2,419	2,721	288	3,135	3,423	-4.6%	29.6%	25.8%	2.8%	8.1%	6.7%	2.8%	9.1%	7.7%
General Assembly	1,769	4,705	6,474	1,410	3,588	4,998	-20.3%	-23.7%	-22.8%	16.4%	15.8%	16.0%	13.9%	10.4%	11.2%
Soldering	3	0	3	2	0	2	-33.3%		-33.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Sealing/glueing	65	290	355	42	159	201	-35.4%	-45.2%	-43.4%	0.6%	1.0%	0.9%	0.4%	0.5%	0.4%
Screwing	22	1	23	10	6	16	-54.5%	500.0%	-30.4%	0.2%	0.0%	0.1%	0.1%	0.0%	0.0%
Others	118	196	314	94	268	362	-20.3%	36.7%	15.3%	1.1%	0.7%	0.8%	0.9%	0.8%	0.8%
Assembly Units	1,977	5,192	7,169	1,558	4,021	5,579	-21.2%	-22.6%	-22.2%	18.4%	17.4%	17.7%	15.3%	11.6%	12.5%
(million yen)	(6,374)	(6,767)	(13,141)	(5,826)	(6,357)	(12,184)	(-8.6%)	(-6.1%)	(-7.3%)	(12.0%)	(5.6%)	(7.6%)	(10.7%)	(4.3%)	(6.0%)
Palletizing/depalletizing	399	399	798	410	492	902	2.8%	23.3%	13.0%	3.7%	1.3%	2.0%	4.0%	1.4%	2.0%
Material handling	2,159	6,257	8,416	2,089	7,430	9,519	-3.2%	18.7%	13.1%	20.1%	21.0%	20.8%	20.6%	21.5%	21.3%
FPD	28	41	69	22	70	92	-21.4%	70.7%	33.3%	0.3%	0.1%	0.2%	0.2%	0.2%	0.2%
Semiconductor	2,348	2,159	4,507	2,549	2,819	5,368	8.6%	30.6%	19.1%	21.8%	7.3%	11.1%	25.1%	8.2%	12.0%
Others	0	155	155	0	51	51		-67.1%	-67.1%	0.0%	0.5%	0.4%	0.0%	0.1%	0.1%
Cleanroom Units	2,376	2,355	4,731	2,571	2,940	5,511	8.2%	24.8%	16.5%	22.1%	7.9%	11.7%	25.3%	8.5%	12.3%
(million yen)	(7,549)	(7,908)	(15,458)	(8,399)	(11,143)	(19,542)	(11.3%)	(40.9%)	(26.4%)	(14.2%)	(6.6%)	(8.9%)	(15.5%)	(7.6%)	(9.7%)
Other applications	469	859	1,328	425	520	945	-9.4%	-39.5%	-28.8%	4.4%	2.9%	3.3%	4.2%	1.5%	2.1%
Unspecified	206	2,559	2,765	160	1,599	1,759	-22.3%	-37.5%	-36.4%	1.9%	8.6%	6.8%	1.6%	4.6%	3.9%
Total Units	10,763	29,772	40,535	10,159	34,529	44,688	-5.6%	16.0%	10.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
(million yen)	(53,016)	(120,171)	(173,186)	(54,234)	(147,566)	(201,799)	(2.3%)	(22.8%)	(16.5%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)	(100.0%)

Note)

Data includes dedicated type (Surface Mount Technology / Bonding).

Data is collected in unit of 10,000 yen. However, the results are shown in unit of million yen by rounding the figures of 100,000 yen.

January - March 2025 Results
Shipments of Manipulators and Robots by Industries
[JARA Member Companies]

Number of units, () : million yen

Industries	2024 Jan. - Mar.	2025 Jan. - Mar.	Change from 2024	Percentage distribution	
				2024	2025
Metal products	743	539	-27.5%	6.9%	5.3%
Construction and mining machinery	45	29	-35.6%	0.4%	0.3%
Metalworking machinery	130	151	16.2%	1.2%	1.5%
Other machinery and equipment	780	888	13.8%	7.2%	8.7%
Machinery and equipment Units	955	1,068	11.8%	8.9%	10.5%
(million yen)	(4,291)	(4,723)	(10.1%)	(8.1%)	(8.7%)
Electronic computers	2	3	50.0%	0.0%	0.0%
Consumer electrical machinery	217	155	-28.6%	2.0%	1.5%
Industrial electrical machinery	290	201	-30.7%	2.7%	2.0%
Communication equipment	363	303	-16.5%	3.4%	3.0%
Video and audio equipment	17	14	-17.6%	0.2%	0.1%
Electronic components/devices/circuits	1,971	2,086	5.8%	18.3%	20.5%
Other electrical machinery	648	588	-9.3%	6.0%	5.8%
Electrical machinery Units	3,508	3,350	-4.5%	32.6%	33.0%
(million yen)	(16,357)	(16,573)	(1.3%)	(30.9%)	(30.6%)
Precision instruments	47	53	12.8%	0.4%	0.5%
Motor vehicles	965	866	-10.3%	9.0%	8.5%
Auto parts	2,408	2,293	-4.8%	22.4%	22.6%
Motor vehicles and auto parts Units	3,373	3,159	-6.3%	31.3%	31.1%
(million yen)	(16,100)	(16,668)	(3.5%)	(30.4%)	(30.7%)
Other transport equipment	44	51	15.9%	0.4%	0.5%
Food products, beverages, and tobacco products	171	235	37.4%	1.6%	2.3%
Chemical products	97	101	4.1%	0.9%	1.0%
Plastic products	245	265	8.2%	2.3%	2.6%
Other industries	798	673	-15.7%	7.4%	6.6%
Non-manufacturing industry	86	77	-10.5%	0.8%	0.8%
Unspecified	696	588	-15.5%	6.5%	5.8%
Total domestic shipments Units	10,763	10,159	-5.6%	100.0%	100.0%
(million yen)	0	0	+0.0%	26.6%	22.7%
	(53,016)	(54,234)	(2.3%)	(100.0%)	(100.0%)
	0	0	+0.0%	(30.6%)	(26.9%)
Export Units	29,772	34,529	16.0%	73.4%	77.3%
(million yen)	(120,171)	(147,566)	(22.8%)	(69.4%)	(73.1%)
Grand total Units	40,535	44,688	10.2%	100.0%	100.0%
(million yen)	(173,186)	(201,799)	(16.5%)	(100.0%)	(100.0%)

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