

**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
<b>Orders</b>	36,859 (158,234)	45,432 (209,133)	23.3% (32.2%)
<b>Production</b>	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
<b>Plastic moulding</b>	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%
<b>Welding</b> 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%)
<b>Painting</b>	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%
<b>Machining</b> 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%)
<b>Surface Mount Technology</b>	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%
<b>Assembly</b> 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%)
<b>Palletizing/depalletizing</b>	399	399	798	410	492	902	2.8%	23.3%	13.0%	3.7%	1.3%	2.0%	4.0%	1.4%	2.0%
<b>Material handling</b>	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%
<b>Cleanroom</b> 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%)
<b>Other applications</b>	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%
<b>Unspecified</b>	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%
<b>Total</b> 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
<b>Metal products</b>	<b>743</b>	<b>539</b>	<b>-27.5%</b>	<b>6.9%</b>	<b>5.3%</b>
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%
<b>Machinery and equipment</b> Units	<b>955</b>	<b>1,068</b>	<b>11.8%</b>	<b>8.9%</b>	<b>10.5%</b>
(million yen)	<b>(4,291)</b>	<b>(4,723)</b>	<b>(10.1%)</b>	<b>(8.1%)</b>	<b>(8.7%)</b>
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%
<b>Electrical machinery</b> Units	<b>3,508</b>	<b>3,350</b>	<b>-4.5%</b>	<b>32.6%</b>	<b>33.0%</b>
(million yen)	<b>(16,357)</b>	<b>(16,573)</b>	<b>(1.3%)</b>	<b>(30.9%)</b>	<b>(30.6%)</b>
<b>Precision instruments</b>	<b>47</b>	<b>53</b>	<b>12.8%</b>	<b>0.4%</b>	<b>0.5%</b>
Motor vehicles	965	866	-10.3%	9.0%	8.5%
Auto parts	2,408	2,293	-4.8%	22.4%	22.6%
<b>Motor vehicles and auto parts</b> Units	<b>3,373</b>	<b>3,159</b>	<b>-6.3%</b>	<b>31.3%</b>	<b>31.1%</b>
(million yen)	<b>(16,100)</b>	<b>(16,668)</b>	<b>(3.5%)</b>	<b>(30.4%)</b>	<b>(30.7%)</b>
<b>Other transport equipment</b>	<b>44</b>	<b>51</b>	<b>15.9%</b>	<b>0.4%</b>	<b>0.5%</b>
<b>Food products, beverages, and tobacco products</b>	<b>171</b>	<b>235</b>	<b>37.4%</b>	<b>1.6%</b>	<b>2.3%</b>
<b>Chemical products</b>	<b>97</b>	<b>101</b>	<b>4.1%</b>	<b>0.9%</b>	<b>1.0%</b>
<b>Plastic products</b>	<b>245</b>	<b>265</b>	<b>8.2%</b>	<b>2.3%</b>	<b>2.6%</b>
<b>Other industries</b>	<b>798</b>	<b>673</b>	<b>-15.7%</b>	<b>7.4%</b>	<b>6.6%</b>
<b>Non-manufacturing industry</b>	<b>86</b>	<b>77</b>	<b>-10.5%</b>	<b>0.8%</b>	<b>0.8%</b>
<b>Unspecified</b>	<b>696</b>	<b>588</b>	<b>-15.5%</b>	<b>6.5%</b>	<b>5.8%</b>
<b>Total domestic shipments</b> Units	<b>10,763</b>	<b>10,159</b>	<b>-5.6%</b>	<b>100.0%</b>	<b>100.0%</b>
(million yen)	<b>0</b>	<b>0</b>	<b>+0.0%</b>	<b>26.6%</b>	<b>22.7%</b>
	<b>(53,016)</b>	<b>(54,234)</b>	<b>(2.3%)</b>	<b>(100.0%)</b>	<b>(100.0%)</b>
	<b>0</b>	<b>0</b>	<b>+0.0%</b>	<b>(30.6%)</b>	<b>(26.9%)</b>
<b>Export</b> Units	<b>29,772</b>	<b>34,529</b>	<b>16.0%</b>	<b>73.4%</b>	<b>77.3%</b>
(million yen)	<b>(120,171)</b>	<b>(147,566)</b>	<b>(22.8%)</b>	<b>(69.4%)</b>	<b>(73.1%)</b>
<b>Grand total</b> Units	<b>40,535</b>	<b>44,688</b>	<b>10.2%</b>	<b>100.0%</b>	<b>100.0%</b>
(million yen)	<b>(173,186)</b>	<b>(201,799)</b>	<b>(16.5%)</b>	<b>(100.0%)</b>	<b>(100.0%)</b>

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