

**April - June 2025 Results**  
**Production and Shipments of Manipulators and Robots by Applications**  
**[JARA Member Companies]**

Number of units, ( ) : million yen

	April - June 2024	April - June 2025	Change from 2024
<b>Orders</b>	<b>41,696</b> <b>(179,847)</b>	<b>48,353</b> <b>(223,408)</b>	<b>16.0%</b> <b>(24.2%)</b>
<b>Production</b>	<b>39,081</b> <b>(176,281)</b>	<b>46,156</b> <b>(202,800)</b>	<b>18.1%</b> <b>(15.0%)</b>

Shipments Applications	April - June 2024			April - June 2025			Change from 2024			April - June 2024 (percentage distribution)			April - June 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>	<b>461</b>	<b>701</b>	<b>1,162</b>	<b>500</b>	<b>717</b>	<b>1,217</b>	<b>8.5%</b>	<b>2.3%</b>	<b>4.7%</b>	<b>5.3%</b>	<b>2.4%</b>	<b>3.1%</b>	<b>6.9%</b>	<b>1.9%</b>	<b>2.7%</b>
Arc welding	464	2,651	3,115	394	3,629	4,023	-15.1%	36.9%	29.1%	5.4%	9.1%	8.2%	5.5%	9.5%	8.9%
Spot welding	591	2,219	2,810	301	4,583	4,884	-49.1%	106.5%	73.8%	6.8%	7.6%	7.4%	4.2%	12.0%	10.8%
Laser welding	15	92	107	21	126	147	40.0%	37.0%	37.4%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%
Others	9	14	23	6	11	17	-33.3%	-21.4%	-26.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%
<b>Welding</b> Units	<b>1,079</b>	<b>4,976</b>	<b>6,055</b>	<b>722</b>	<b>8,349</b>	<b>9,071</b>	<b>-33.1%</b>	<b>67.8%</b>	<b>49.8%</b>	<b>12.5%</b>	<b>17.1%</b>	<b>16.0%</b>	<b>10.0%</b>	<b>21.9%</b>	<b>20.1%</b>
(million yen)	<b>(5,849)</b>	<b>(12,595)</b>	<b>(18,444)</b>	<b>(3,861)</b>	<b>(21,582)</b>	<b>(25,444)</b>	<b>(-34.0%)</b>	<b>(71.4%)</b>	<b>(38.0%)</b>	<b>(14.0%)</b>	<b>(10.1%)</b>	<b>(11.1%)</b>	<b>(10.5%)</b>	<b>(12.6%)</b>	<b>(12.2%)</b>
<b>Painting</b>	<b>159</b>	<b>349</b>	<b>508</b>	<b>71</b>	<b>538</b>	<b>609</b>	<b>-55.3%</b>	<b>54.2%</b>	<b>19.9%</b>	<b>1.8%</b>	<b>1.2%</b>	<b>1.3%</b>	<b>1.0%</b>	<b>1.4%</b>	<b>1.3%</b>
Loading/unloading	323	2,021	2,344	235	4,546	4,781	-27.2%	124.9%	104.0%	3.7%	6.9%	6.2%	3.3%	12.0%	10.6%
Mechanical cutting	4		4	3		3	-25.0%		-25.0%	0.0%		0.0%	0.0%		0.0%
Grinding/deburring	34	56	90	34	491	525		776.8%	483.3%	0.4%	0.2%	0.2%	0.5%	1.3%	1.2%
Others	12	34	46	12	5	17		-85.3%	-63.0%	0.1%	0.1%	0.1%	0.2%	0.0%	0.0%
<b>Machining</b> Units	<b>373</b>	<b>2,111</b>	<b>2,484</b>	<b>284</b>	<b>5,042</b>	<b>5,326</b>	<b>-23.9%</b>	<b>138.8%</b>	<b>114.4%</b>	<b>4.3%</b>	<b>7.3%</b>	<b>6.6%</b>	<b>3.9%</b>	<b>13.3%</b>	<b>11.8%</b>
(million yen)	<b>(1,495)</b>	<b>(4,254)</b>	<b>(5,748)</b>	<b>(1,280)</b>	<b>(9,578)</b>	<b>(10,858)</b>	<b>(-14.4%)</b>	<b>(125.2%)</b>	<b>(88.9%)</b>	<b>(3.6%)</b>	<b>(3.4%)</b>	<b>(3.4%)</b>	<b>(3.5%)</b>	<b>(5.6%)</b>	<b>(5.2%)</b>
<b>Surface Mount Technology</b>	<b>229</b>	<b>3,327</b>	<b>3,556</b>	<b>179</b>	<b>4,469</b>	<b>4,648</b>	<b>-21.8%</b>	<b>34.3%</b>	<b>30.7%</b>	<b>2.6%</b>	<b>11.4%</b>	<b>9.4%</b>	<b>2.5%</b>	<b>11.7%</b>	<b>10.3%</b>
General Assembly	1,554	4,580	6,134	939	4,905	5,844	-39.6%	7.1%	-4.7%	17.9%	15.7%	16.2%	13.0%	12.9%	12.9%
Soldering		1	1					-100.0%	-100.0%		0.0%	0.0%			
Sealing/glueing	35	109	144	48	298	346	37.1%	173.4%	140.3%	0.4%	0.4%	0.4%	0.7%	0.8%	0.8%
Screwing	13	10	23	3	16	19	-76.9%	60.0%	-17.4%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%
Others	113	107	220	67	73	140	-40.7%	-31.8%	-36.4%	1.3%	0.4%	0.6%	0.9%	0.2%	0.3%
<b>Assembly</b> Units	<b>1,715</b>	<b>4,807</b>	<b>6,522</b>	<b>1,057</b>	<b>5,292</b>	<b>6,349</b>	<b>-38.4%</b>	<b>10.1%</b>	<b>-2.7%</b>	<b>19.8%</b>	<b>16.5%</b>	<b>17.3%</b>	<b>14.7%</b>	<b>13.9%</b>	<b>14.0%</b>
(million yen)	<b>(5,952)</b>	<b>(6,468)</b>	<b>(12,420)</b>	<b>(4,410)</b>	<b>(6,672)</b>	<b>(11,082)</b>	<b>(-25.9%)</b>	<b>(3.2%)</b>	<b>(-10.8%)</b>	<b>(14.3%)</b>	<b>(5.2%)</b>	<b>(7.4%)</b>	<b>(11.9%)</b>	<b>(3.9%)</b>	<b>(5.3%)</b>
<b>Palletizing/depalletizing</b>	<b>311</b>	<b>480</b>	<b>791</b>	<b>272</b>	<b>637</b>	<b>909</b>	<b>-12.5%</b>	<b>32.7%</b>	<b>14.9%</b>	<b>3.6%</b>	<b>1.6%</b>	<b>2.1%</b>	<b>3.8%</b>	<b>1.7%</b>	<b>2.0%</b>
<b>Material handling</b>	<b>2,019</b>	<b>7,271</b>	<b>9,290</b>	<b>1,424</b>	<b>7,997</b>	<b>9,421</b>	<b>-29.5%</b>	<b>10.0%</b>	<b>1.4%</b>	<b>23.3%</b>	<b>25.0%</b>	<b>24.6%</b>	<b>19.8%</b>	<b>21.0%</b>	<b>20.8%</b>
FPD	5	50	55	7	80	87	40.0%	60.0%	58.2%	0.1%	0.2%	0.1%	0.1%	0.2%	0.2%
Semiconductor	1,850	2,026	3,876	2,132	2,884	5,016	15.2%	42.3%	29.4%	21.4%	7.0%	10.3%	29.6%	7.6%	11.1%
Others		74	74		27	27		-63.5%	-63.5%		0.3%	0.2%		0.1%	0.1%
<b>Cleanroom</b> Units	<b>1,855</b>	<b>2,150</b>	<b>4,005</b>	<b>2,139</b>	<b>2,991</b>	<b>5,130</b>	<b>15.3%</b>	<b>39.1%</b>	<b>28.1%</b>	<b>21.4%</b>	<b>7.4%</b>	<b>10.6%</b>	<b>29.7%</b>	<b>7.9%</b>	<b>11.3%</b>
(million yen)	<b>(5,669)</b>	<b>(8,114)</b>	<b>(13,783)</b>	<b>(6,634)</b>	<b>(10,639)</b>	<b>(17,273)</b>	<b>(17.0%)</b>	<b>(31.1%)</b>	<b>(25.3%)</b>	<b>(13.6%)</b>	<b>(6.5%)</b>	<b>(8.3%)</b>	<b>(18.0%)</b>	<b>(6.2%)</b>	<b>(8.3%)</b>
<b>Other applications</b>	<b>323</b>	<b>610</b>	<b>933</b>	<b>418</b>	<b>547</b>	<b>965</b>	<b>29.4%</b>	<b>-10.3%</b>	<b>3.4%</b>	<b>3.7%</b>	<b>2.1%</b>	<b>2.5%</b>	<b>5.8%</b>	<b>1.4%</b>	<b>2.1%</b>
<b>Unspecified</b>	<b>141</b>	<b>2,330</b>	<b>2,471</b>	<b>133</b>	<b>1,462</b>	<b>1,595</b>	<b>-5.7%</b>	<b>-37.3%</b>	<b>-35.5%</b>	<b>1.6%</b>	<b>8.0%</b>	<b>6.5%</b>	<b>1.8%</b>	<b>3.8%</b>	<b>3.5%</b>
<b>Total</b> Units	<b>8,665</b>	<b>29,112</b>	<b>37,777</b>	<b>7,199</b>	<b>38,041</b>	<b>45,240</b>	<b>-16.9%</b>	<b>30.7%</b>	<b>19.8%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>
(million yen)	<b>(41,648)</b>	<b>(125,264)</b>	<b>(166,912)</b>	<b>(36,940)</b>	<b>(170,825)</b>	<b>(207,765)</b>	<b>(-11.3%)</b>	<b>(36.4%)</b>	<b>(24.5%)</b>	<b>(100.0%)</b>	<b>(100.0%)</b>	<b>(100.0%)</b>	<b>(100.0%)</b>	<b>(100.0%)</b>	<b>(100.0%)</b>

Note)

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

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## [JARA Member Companies]

Number of units, ( ) : million yen

Industries	2024	2025	Change	Percentage distribution	
	Apr. - Jun.	Apr. - Jun.	from 2024	2024	2025
<b>Metal products</b>	<b>553</b>	<b>366</b>	<b>-33.8%</b>	<b>6.4%</b>	<b>5.1%</b>
Construction and mining machinery	39	31	-20.5%	0.5%	0.4%
Metalworking machinery	190	137	-27.9%	2.2%	1.9%
Other machinery and equipment	548	749	36.7%	6.3%	10.4%
<b>Machinery and equipment</b> Units	<b>777</b>	<b>917</b>	<b>18.0%</b>	<b>9.0%</b>	<b>12.7%</b>
(million yen)	<b>(3,599)</b>	<b>(3,760)</b>	<b>(4.5%)</b>	<b>(8.6%)</b>	<b>(10.2%)</b>
Electronic computers	4	11	175.0%	0.0%	0.2%
Consumer electrical machinery	208	115	-44.7%	2.4%	1.6%
Industrial electrical machinery	214	209	-2.3%	2.5%	2.9%
Communication equipment	305	202	-33.8%	3.5%	2.8%
Video and audio equipment	7	9	28.6%	0.1%	0.1%
Electronic components/devices/circuits	1,571	1,610	2.5%	18.1%	22.4%
Other electrical machinery	522	353	-32.4%	6.0%	4.9%
<b>Electrical machinery</b> Units	<b>2,831</b>	<b>2,509</b>	<b>-11.4%</b>	<b>32.7%</b>	<b>34.9%</b>
(million yen)	<b>(13,289)</b>	<b>(11,960)</b>	<b>(-10.0%)</b>	<b>(31.9%)</b>	<b>(32.4%)</b>
<b>Precision instruments</b>	<b>66</b>	<b>29</b>	<b>-56.1%</b>	<b>0.8%</b>	<b>0.4%</b>
Motor vehicles	856	338	-60.5%	9.9%	4.7%
Auto parts	1,903	1,553	-18.4%	22.0%	21.6%
<b>Motor vehicles and auto parts</b> Units	<b>2,759</b>	<b>1,891</b>	<b>-31.5%</b>	<b>31.8%</b>	<b>26.3%</b>
(million yen)	<b>(12,911)</b>	<b>(9,854)</b>	<b>(-23.7%)</b>	<b>(31.0%)</b>	<b>(26.7%)</b>
<b>Other transport equipment</b>	<b>36</b>	<b>25</b>	<b>-30.6%</b>	<b>0.4%</b>	<b>0.3%</b>
<b>Food products, beverages, and tobacco products</b>	<b>137</b>	<b>235</b>	<b>71.5%</b>	<b>1.6%</b>	<b>3.3%</b>
<b>Chemical products</b>	<b>93</b>	<b>96</b>	<b>3.2%</b>	<b>1.1%</b>	<b>1.3%</b>
<b>Plastic products</b>	<b>181</b>	<b>169</b>	<b>-6.6%</b>	<b>2.1%</b>	<b>2.3%</b>
<b>Other industries</b>	<b>655</b>	<b>492</b>	<b>-24.9%</b>	<b>7.6%</b>	<b>6.8%</b>
<b>Non-manufacturing industry</b>	<b>40</b>	<b>37</b>	<b>-7.5%</b>	<b>0.5%</b>	<b>0.5%</b>
<b>Unspecified</b>	<b>537</b>	<b>433</b>	<b>-19.4%</b>	<b>6.2%</b>	<b>6.0%</b>
<b>Total domestic shipments</b> Units	<b>8,665</b>	<b>7,199</b>	<b>-16.9%</b>	<b>100.0%</b>	<b>100.0%</b>
(million yen)	<b>(41,648)</b>	<b>(36,940)</b>	<b>(-11.3%)</b>	<b>22.9%</b>	<b>15.9%</b>
				<b>(100.0%)</b>	<b>(100.0%)</b>
				<b>(25.0%)</b>	<b>(17.8%)</b>
<b>Export</b> Units	<b>29,112</b>	<b>38,041</b>	<b>30.7%</b>	<b>77.1%</b>	<b>84.1%</b>
(million yen)	<b>(125,264)</b>	<b>(170,825)</b>	<b>(36.4%)</b>	<b>(75.0%)</b>	<b>(82.2%)</b>
<b>Grand total</b> Units	<b>37,777</b>	<b>45,240</b>	<b>19.8%</b>	<b>100.0%</b>	<b>100.0%</b>
(million yen)	<b>(166,912)</b>	<b>(207,765)</b>	<b>(24.5%)</b>	<b>(100.0%)</b>	<b>(100.0%)</b>

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