

**First Quarter (January - March) 2007 Results**  
**Production and Shipments of Manipulators and Robots by Application Areas (based on Value)**  
**(JARA Member Companies)**

(Unit: million yen)

| Production | January - March 2006 | January - March 2007 | Change from 2006 |
|------------|----------------------|----------------------|------------------|
|            | 136,774              | 140,423              | 2.7%             |

| Shipments                 | January - March 2006 |                    |                | January - March 2007 |                    |                | Change from 2006 |                    |               | January - March 2006<br>(percentage distribution) |                    |               | January - March 2007<br>(percentage distribution) |                    |               |
|---------------------------|----------------------|--------------------|----------------|----------------------|--------------------|----------------|------------------|--------------------|---------------|---|--------------------|---------------|---|--------------------|---------------|
|                           | Application area     | Domestic shipments | Exports        | Total                | Domestic shipments | Exports        | Total            | Domestic shipments | Exports       | Total   | Domestic shipments | Exports       | Total   | Domestic shipments | Exports       |
| <b>Plastic moulding</b>   | <b>4,049</b>         | <b>2,444</b>       | <b>6,493</b>   | <b>3,596</b>         | <b>2,493</b>       | <b>6,089</b>   | <b>-11.2%</b>    | <b>2.0%</b>        | <b>-6.2%</b>  | <b>7.4%</b>                                       | <b>2.9%</b>        | <b>4.6%</b>   | <b>5.9%</b>                                       | <b>3.0%</b>        | <b>4.2%</b>   |
| Arc welding               | (6,516)              | (5,469)            | (11,985)       | (8,392)              | (6,159)            | (14,551)       | <b>28.8%</b>     | <b>12.6%</b>       | <b>21.4%</b>  | <b>11.9%</b>                                      | <b>6.4%</b>        | <b>8.5%</b>   | <b>13.7%</b>                                      | <b>7.5%</b>        | <b>10.1%</b>  |
| Spot welding              | (8,415)              | (6,068)            | (14,483)       | (8,307)              | (7,061)            | (15,367)       | <b>-1.3%</b>     | <b>16.4%</b>       | <b>6.1%</b>   | <b>15.4%</b>                                      | <b>7.1%</b>        | <b>10.3%</b>  | <b>13.6%</b>                                      | <b>8.6%</b>        | <b>10.7%</b>  |
| Gas welding               |                      |                    |                |                      |                    |                |                  |                    |               |   |                    |               |   |                    |               |
| Laser welding             | (116)                | (9)                | (125)          | (2)                  | (2)                | (4)            |                  |                    |               |   |                    |               |   |                    |               |
| Others                    |                      | (10)               | (10)           | (7)                  | (10)               | (17)           |                  |                    |               |   |                    |               |   |                    |               |
| <b>Welding</b>            | <b>15,047</b>        | <b>11,556</b>      | <b>26,603</b>  | <b>16,708</b>        | <b>13,232</b>      | <b>29,939</b>  | <b>11.0%</b>     | <b>14.5%</b>       | <b>12.5%</b>  | <b>27.5%</b>                                      | <b>13.5%</b>       | <b>19.0%</b>  | <b>27.4%</b>                                      | <b>16.1%</b>       | <b>20.9%</b>  |
| Loading/unloading         | (1,814)              | (1,038)            | (2,852)        | (1,725)              | (1,013)            | (2,738)        |                  |                    |               |   |                    |               |   |                    |               |
| Mechanical cutting        |                      |                    |                | (14)                 |                    | (14)           |                  |                    |               |   |                    |               |   |                    |               |
| Grinding/deburring        | (322)                | (21)               | (343)          | (196)                |                    | (196)          |                  |                    |               |   |                    |               |   |                    |               |
| Others                    | (83)                 |                    | (83)           | (81)                 | (32)               | (113)          |                  |                    |               |   |                    |               |   |                    |               |
| <b>Machining</b>          | <b>2,219</b>         | <b>1,059</b>       | <b>3,278</b>   | <b>2,015</b>         | <b>1,045</b>       | <b>3,060</b>   | <b>-9.2%</b>     | <b>-1.3%</b>       | <b>-6.6%</b>  | <b>4.1%</b>                                       | <b>1.2%</b>        | <b>2.3%</b>   | <b>3.3%</b>                                       | <b>1.3%</b>        | <b>2.1%</b>   |
| General Assembly          | 3,661                | 1,749              | 5,410          | 4,162                | 1,898              | 6,059          | 13.7%            | 8.5%               | 12.0%         | 6.7%  | 2.0%               | 3.9%          | 6.8%  | 2.3%               | 4.2%          |
| Surface Mount Technology  | 12,380               | 53,135             | 65,514         | 12,659               | 43,945             | 56,604         | 2.3%             | -17.3%             | -13.6%        | 22.6%   | 62.1%              | 46.7%         | 20.7%   | 53.4%              | 39.5%         |
| Other Assembly            | 266                  | 48                 | 314            | 371                  | 358                | 729            | 39.5%            | 646.5%             | 132.4%        | 0.5%  | 0.1%               | 0.2%          | 0.6%  | 0.4%               | 0.5%          |
| (Bonding)                 |                      |                    |                |                      |                    |                |                  |                    |               |   |                    |               |   |                    |               |
| (Soldering)               |                      |                    |                |                      |                    |                |                  |                    |               |   |                    |               |   |                    |               |
| (Sealing/glueing)         | (128)                | (48)               | (176)          | (371)                | (353)              | (724)          |                  |                    |               |   |                    |               |   |                    |               |
| (Screwing)                | (2)                  |                    | (2)            |                      |                    |                |                  |                    |               |   |                    |               |   |                    |               |
| (Others)                  | (136)                |                    | (136)          |                      | (5)                | (5)            |                  |                    |               |   |                    |               |   |                    |               |
| <b>Assembly</b>           | <b>16,307</b>        | <b>54,931</b>      | <b>71,238</b>  | <b>17,192</b>        | <b>46,200</b>      | <b>63,392</b>  | <b>5.4%</b>      | <b>-15.9%</b>      | <b>-11.0%</b> | <b>29.8%</b>                                      | <b>64.2%</b>       | <b>50.8%</b>  | <b>28.1%</b>                                      | <b>56.1%</b>       | <b>44.2%</b>  |
| <b>Material handling</b>  | <b>4,081</b>         | <b>4,680</b>       | <b>8,761</b>   | <b>4,915</b>         | <b>4,483</b>       | <b>9,398</b>   | <b>20.4%</b>     | <b>-4.2%</b>       | <b>7.3%</b>   | <b>7.5%</b>                                       | <b>5.5%</b>        | <b>6.2%</b>   | <b>8.0%</b>                                       | <b>5.4%</b>        | <b>6.6%</b>   |
| <b>Painting</b>           | <b>1,963</b>         | <b>1,071</b>       | <b>3,034</b>   | <b>3,268</b>         | <b>5,551</b>       | <b>8,819</b>   | <b>66.5%</b>     | <b>418.2%</b>      | <b>190.7%</b> | <b>3.6%</b>                                       | <b>1.3%</b>        | <b>2.2%</b>   | <b>5.3%</b>                                       | <b>6.7%</b>        | <b>6.2%</b>   |
| (FPD)                     | (5,776)              | (5,788)            | (11,564)       | (6,426)              | (5,324)            | (11,750)       | 11.3%            | -8.0%              | 1.6%          | 10.6%   | 6.8%               | 8.2%          | 10.5%   | 6.5%               | 8.2%          |
| (Semiconductor)           | (1,238)              | (1,551)            | (2,789)        | (2,216)              | (1,614)            | (3,830)        | 79.0%            | 4.1%               | 37.3%         | 2.3%  | 1.8%               | 2.0%          | 3.6%  | 2.0%               | 2.7%          |
| (Others)                  | (7)                  |                    | (7)            |                      |                    |                |                  |                    |               |   |                    |               |   |                    |               |
| <b>Clean room</b>         | <b>7,021</b>         | <b>7,339</b>       | <b>14,360</b>  | <b>8,643</b>         | <b>6,938</b>       | <b>15,581</b>  | <b>23.1%</b>     | <b>-5.5%</b>       | <b>8.5%</b>   | <b>12.8%</b>                                      | <b>8.6%</b>        | <b>10.2%</b>  | <b>14.1%</b>                                      | <b>8.4%</b>        | <b>10.9%</b>  |
| <b>Other applications</b> | <b>3,992</b>         | <b>2,528</b>       | <b>6,521</b>   | <b>4,746</b>         | <b>2,366</b>       | <b>7,112</b>   | <b>18.9%</b>     | <b>-6.4%</b>       | <b>9.1%</b>   | <b>7.3%</b>                                       | <b>3.0%</b>        | <b>4.6%</b>   | <b>7.8%</b>                                       | <b>2.9%</b>        | <b>5.0%</b>   |
| <b>Total</b>              | <b>54,678</b>        | <b>85,609</b>      | <b>140,287</b> | <b>61,081</b>        | <b>82,308</b>      | <b>143,389</b> | <b>11.7%</b>     | <b>-3.9%</b>       | <b>2.2%</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)

These statistics include dedicated type (Surface Mount Technology / Bonding).

These statistics are 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.

**First Quarter (January - March) 2007 Results**  
**Shipments of Manipulators and Robots by Industrial Branches (based on Value)**  
**(JARA Member Companies)**

| Industrial branches                                   | 2006           | 2007           | Change<br>from 2006 | Percentage distribution |                 |
|---|----------------|----------------|---------------------|-------------------------|-----------------|
|   | million yen    | million yen    |                     | 2006                    | 2007            |
| <b>Metal products</b>                                 | <b>1,573</b>   | <b>1,586</b>   | <b>0.8%</b>         | <b>2.9%</b>             | <b>2.6%</b>     |
| Construction Machinery                                | (693)          | (784)          | 13.1%               | 1.3%                    | <b>1.3%</b>     |
| Metalworking machinery                                | (291)          | (497)          | 70.7%               | 0.5%                    | 0.8%            |
| Other machinery and equipment                         | (1,235)        | (1,657)        | 34.1%               | 2.3%                    | 2.7%            |
| <b>Machinery and equipment</b>                        | <b>2,220</b>   | <b>2,938</b>   | <b>32.4%</b>        | <b>4.1%</b>             | <b>4.8%</b>     |
| Computers   | (747)          | (1,285)        | 71.9%               | 1.4%                    | 2.1%            |
| Consumer electrical machinery                         | (196)          | (266)          | 35.7%               | 0.4%                    | 0.4%            |
| Industrial electrical machinery                       | (1,319)        | (2,329)        | 76.6%               | 2.4%                    | 3.8%            |
| Info-communications equipment                         | (9,188)        | (7,535)        | -18.0%              | 16.8%                   | 12.3%           |
| VTR   | (129)          | (11)           | -91.5%              | 0.2%                    | 0.0%            |
| Electronic components/devices                         | (2,110)        | (4,378)        | 107.5%              | 3.9%                    | 7.2%            |
| Other electrical machinery                            | (5,184)        | (5,118)        | -1.3%               | 9.5%                    | 8.4%            |
| <b>Electrical machinery</b>                           | <b>18,873</b>  | <b>20,921</b>  | <b>10.9%</b>        | <b>34.5%</b>            | <b>34.3%</b>    |
| <b>Precision and optical instruments</b>              | <b>710</b>     | <b>651</b>     | <b>-8.2%</b>        | <b>1.3%</b>             | <b>1.1%</b>     |
| Motor vehicles  | (9,158)        | (12,758)       | 39.3%               | 16.7%                   | 20.9%           |
| Auto parts  | (12,722)       | (13,802)       | 8.5%                | 23.3%                   | 22.6%           |
| <b>Motor vehicles and auto parts</b>                  | <b>21,880</b>  | <b>26,561</b>  | <b>21.4%</b>        | <b>40.0%</b>            | <b>43.5%</b>    |
| <b>Food products, beverages, and tobacco products</b> | <b>570</b>     | <b>534</b>     | <b>-6.3%</b>        | <b>1.0%</b>             | <b>0.9%</b>     |
| <b>Plastic products</b>                               | <b>3,903</b>   | <b>3,374</b>   | <b>-13.6%</b>       | <b>7.1%</b>             | <b>5.5%</b>     |
| <b>EMS companies (Subconstructors)</b>                | <b>326</b>     | <b>222</b>     | <b>-31.9%</b>       | <b>0.6%</b>             | <b>0.4%</b>     |
| <b>Non-manufacturing</b>                              | <b>968</b>     | <b>504</b>     | <b>-47.9%</b>       | <b>1.8%</b>             | <b>0.8%</b>     |
| <b>Other industries</b>                               | <b>3,656</b>   | <b>3,790</b>   | <b>3.7%</b>         | <b>6.7%</b>             | <b>6.2%</b>     |
| <b>Total domestic shipments</b>                       | <b>54,678</b>  | <b>61,081</b>  | <b>11.7%</b>        | <b>100.0%</b>           | <b>100.0%</b>   |
|   |                |                |                     | <b>(39.0%)</b>          | <b>(42.6%)</b>  |
| <b>Export</b>   | <b>85,609</b>  | <b>82,308</b>  | <b>-3.9%</b>        | <b>(61.0%)</b>          | <b>(57.4%)</b>  |
| <b>Grand total</b>                                    | <b>140,287</b> | <b>143,389</b> | <b>2.2%</b>         | <b>(100.0%)</b>         | <b>(100.0%)</b> |

Note) These statistics include dedicated type (Surface Mount Technology / Bonding).  
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