Results for the Annual Survey of UK Robot Installations for 2006
Statistics for New Robots
2006
Industrial Robot Facts
Year on Year Number of Machines Installed for 2006
Industrial Robot Facts
Auto/Other Industry Comparison for 2006

[Bar chart showing the comparison between Auto and Other industries from 1996 to 2006]
Industrial Robot Facts
UK Robot Application Analysis to IFR Criteria for 2006

- Others: 11
- Training/education/research: 6
- Material handling: 6
- Bio chemistry and hazardous applications: 6
- Measurement/inspection/testing: 12
- Handling operations for palletising/packaging: 4
- Others/assembling: 17
- Handling for assembly operations: 1
- Soldering: 2
- Inserting/mounting/cutting (e.g. PCB): 3
- Mechanical assembling/attachment: 3
- Others/special processing: 6
- Water jet cutting: 2
- Mechanical cutting/grinding/deburring/polishing: 8
- Machine loading/unloading: 1
- Others/dispensing: 15
- Sealing/gluing: 31
- Painting: 1
- Others/welding: 3
- Laser welding: 1
- Spot welding: 1
- Arc welding: 164
- Handling operations for stamping/forging: 26
- Handling operations for heat treatment: 3
- Handling operations for plastic moulding: 21
- Others/Handling operations for casting: 2
- Moulding: 2
- Unspecified: 0

0 50 100 150 200 250 235
Industrial Robot Facts
UK Robot Cost Analysis for 2006

The diagram shows the distribution of robot costs in the UK for 2006. The costs are categorized into five ranges: `<10K`, `10K - 30K`, `30K - 50K`, `50K - 100K`, and `>100K`. The number of robots in each category is as follows:

- `<10K`: 4 robots
- `10K - 30K`: 659 robots
- `30K - 50K`: 214 robots
- `50K - 100K`: 11 robots
- `>100K`: 0 robots

The diagram visually represents the number of robots in each cost category.
Industrial Robot Facts
Country of Origin of Robots Installed in UK for 2006

- UK: 0
- Japan: 463
- European Community: 425
Mechanical Structure for 2006

- Cartesian/gantry: 61
- SCARA: 4
- Articulated: 15
- Parallel: 808

Total: 892
Number of Axes for 2006

- 3: 786
- 4: 97
- 5: 4
- 6: 1
Statistics for Refurbished Robots 2006
Industrial Robot Facts
UK Robot Industry Analysis to IFR Criteria for 2006
(Refurbished Robots)

- Unspecified: 21
- Textiles: 1
- Research and development: 1
- Plastic and rubber products: 2
- Parts and accessories for motor vehicles and their engines: 50
- Motor vehicles: 43
- Medical, precision and optical instruments, watches and clocks: 2
- Machinery and equipment not elsewhere classified (n.e.c): 1
- Fabricated metal products, except machinery and equipment: 1
- Electrical machinery and apparatus n.e.c: 1
- Construction: 4
- Basic metals: 1
- Aerospace: 1
Industrial Robot Facts
UK Robot Application Analysis to IFR Criteria for 2006 (Refurbished Robots)

- Unspecified: 20
- Arc welding: 53
- Spot welding: 41
- Laser welding: 1
- Others/dispensing: 1
- Mechanical cutting/grinding/deburring/polishing: 2
- Handling for assembly operations: 1
- Handling operations for palletising/packaging: 2
- Measurement/inspection/testing: 1
- Material handling: 2
- Training/education/research: 1

(BARA - The British Automation & Robotics Association)
Industrial Robot Facts
UK Robot Cost Analysis for 2006
(Refurbished Robots)
Industrial Robot Facts
Country of Origin of Robots Installed in UK for 2006 (Refurbished Robots)

- UK: 0 robots
- Japan: 4 robots
- European Community: 125 robots

The British Automation & Robotics Association
Mechanical Structure for 2006 (Refurbished Robots)

- Cartesian/gantry
- SCARA
- Articulated
- Parallel
Number of Axes for 2006
(Refurbished Robots)

0

129

3  4  5  6
Data provided by

• ABB
• Cloos
• Fanuc
• Kawasaki
• Kuka
• Motoman

• Naachi
• Olympus
• Staubli
• System Devices
• Toshiba