

How Robots can be used

- Service robot (repair, maintenance, deep-sea robots)
- Collaborative robots working in teams
- General-purpose autonomous robots
- Factory robots:
 - welding, assembling, lifting heavy loads
 - precision cutting, oxygen cutting, lasers, etc.,
 - Mounting circuits on electronic devices (i.e. mobile phones)
 - Working where there might be danger (i.e nuclear leaks, bomb disposal)
 - Dirty, dangerous, dull or inaccessible tasks
 - Other manufacturing, such as certain repetitive steps in assembly lines or for painting products so humans don't breathe the over spray, working in the heat of drying and treating ovens
- Mining robots
- Military robots - bomb disposal, identifying targets
 - To assist police and SWAT teams in dangerous situations, such as with hostages or in shoot outs and stand offs. They can be sent to the scene to draw fire, open doors, "see" the environment from a closer view point, or look in windows with cameras, etc.
- Healthcare - nursery / (medical) orderly, personal diet trainer
 - surgeons are performing robotic-assisted surgeries that, among other things, can equalize little movements of a surgeon's hands when doing delicate procedures, such as microscopically aided surgery or brain surgery
 - remote procedures by a surgeon or other doctor who is unable to be there to perform the surgery in person (such as at an ice-bound Antarctic research center) or where there is a shortage of surgeons in a specific specialty (Alaskan Tundra) and the remote surgeon does or guides the procedure from far away via robotic "hands"
 - neuroarm
- Research robots – dangerous lab work
- Robonaut in Space
- mowing machine
- vacuum cleaning
- rescue robots
- Robot replaces pets