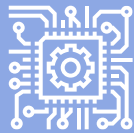


What are physical robots?

| 1

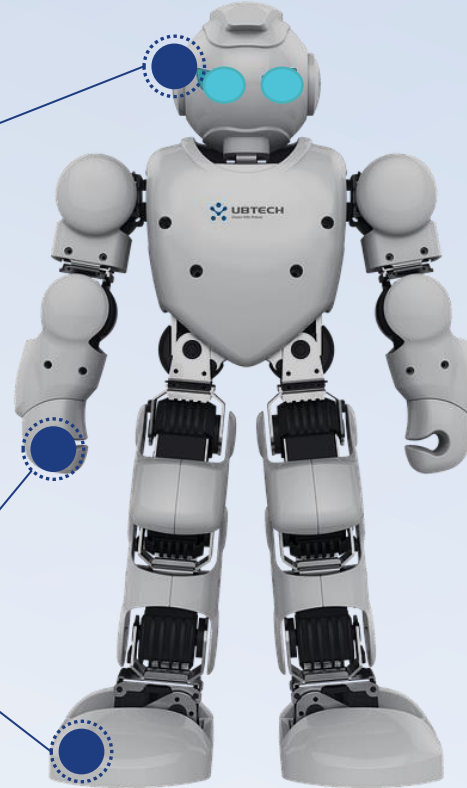
Cognitive solutions

The thinking brains



Robotics solutions

The acting body with arms and legs



- **Physical robots** are machines that can move on their own and can independently perform tasks in the physical world.
- They imitate "**human acting**" and they correspond to the human body with its ability to physically move and to physically execute actions.



In the economic world we have already been known physical robots for many years, even for decades, above all from **industrial production**. 'Robotization' of the industrial sector is advancing with high speed, enabling fully networked, fully automated and virtually deserted production facilities.



Physical robots are also increasingly applied **in retail, logistics, warehousing and inventory management**, as well as in the **health sector** and further segments of the service sector.



Humanoid robots are physical robots that resemble the human body and its movements. A special version of humanoid robots are the so-called **androids**. Androids are mechanical beings or robots that look particularly similar to humans and also behave like humans. Human-like machines in female form are called gynoids.