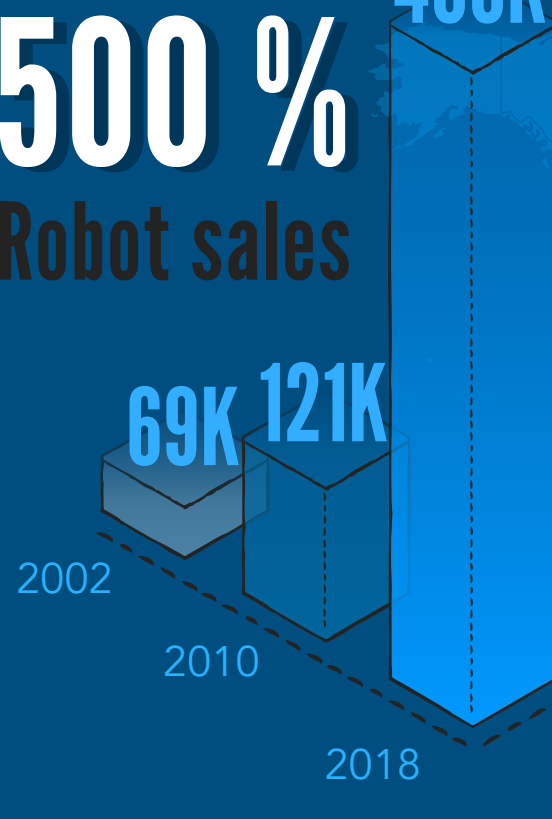


# Get ready for ROBOLUTION

How industrial robots will brighten our future

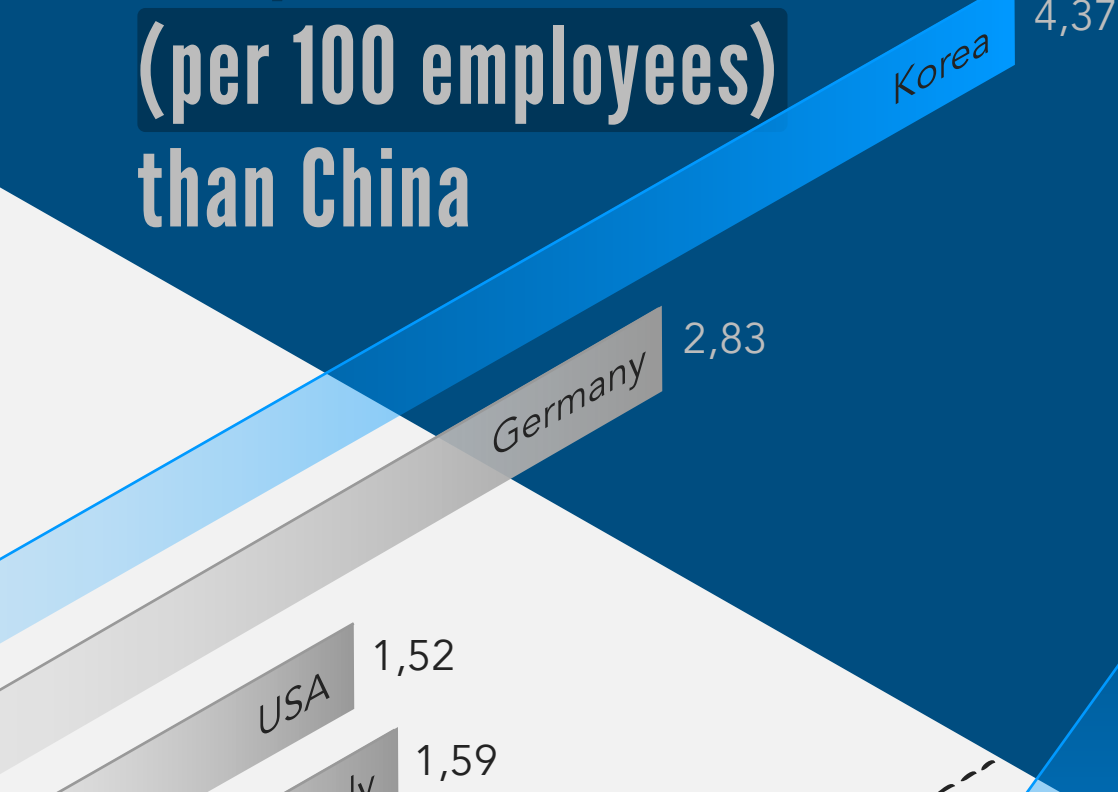
**+500 %**  
Robot sales



2014  
**70 %** of all robot sales went to these 5 countries



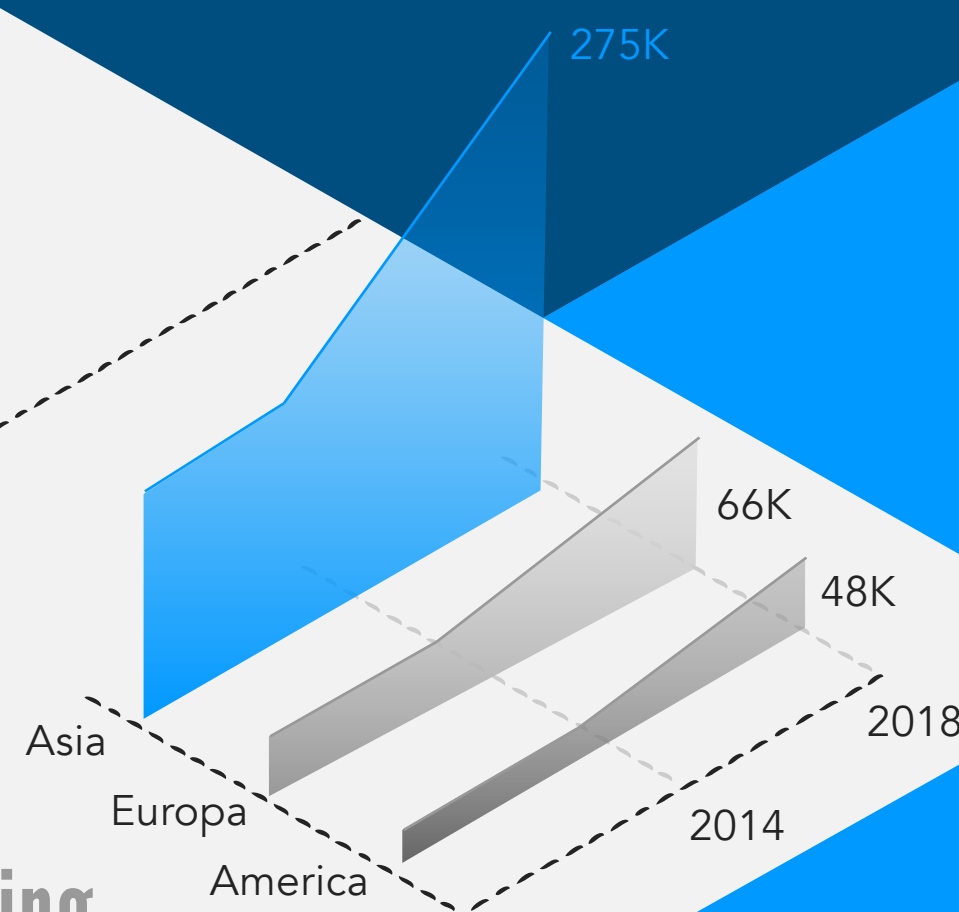
2014  
**KOREA** employs  
**14,5x** more robots  
(per 100 employees)  
than China



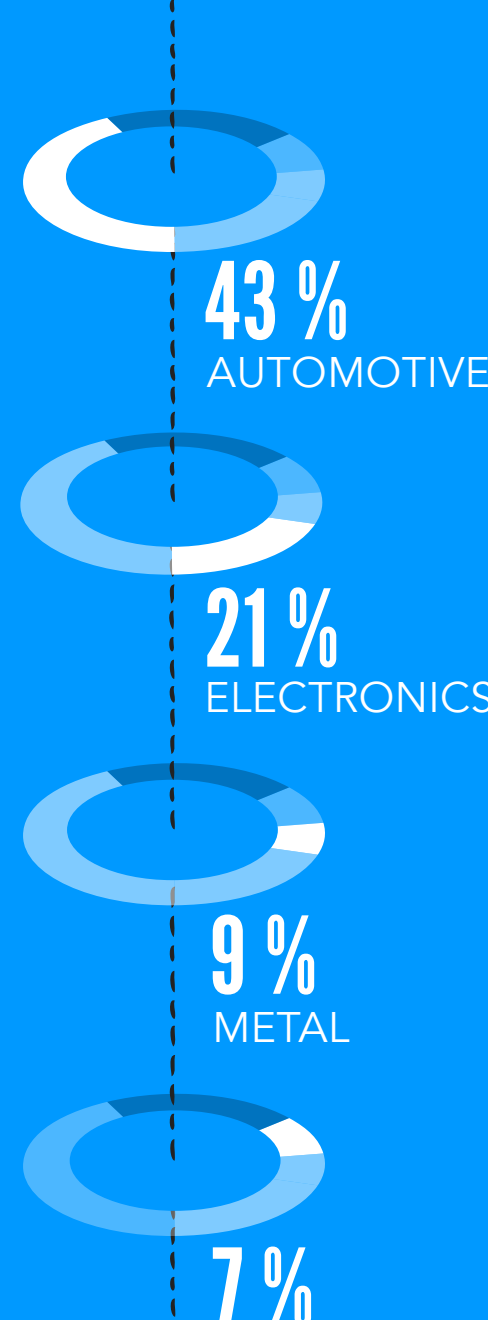
**1,8 M**  
Robots in operation  
worldwide

**1,6 M** people live  
in Philadelphia

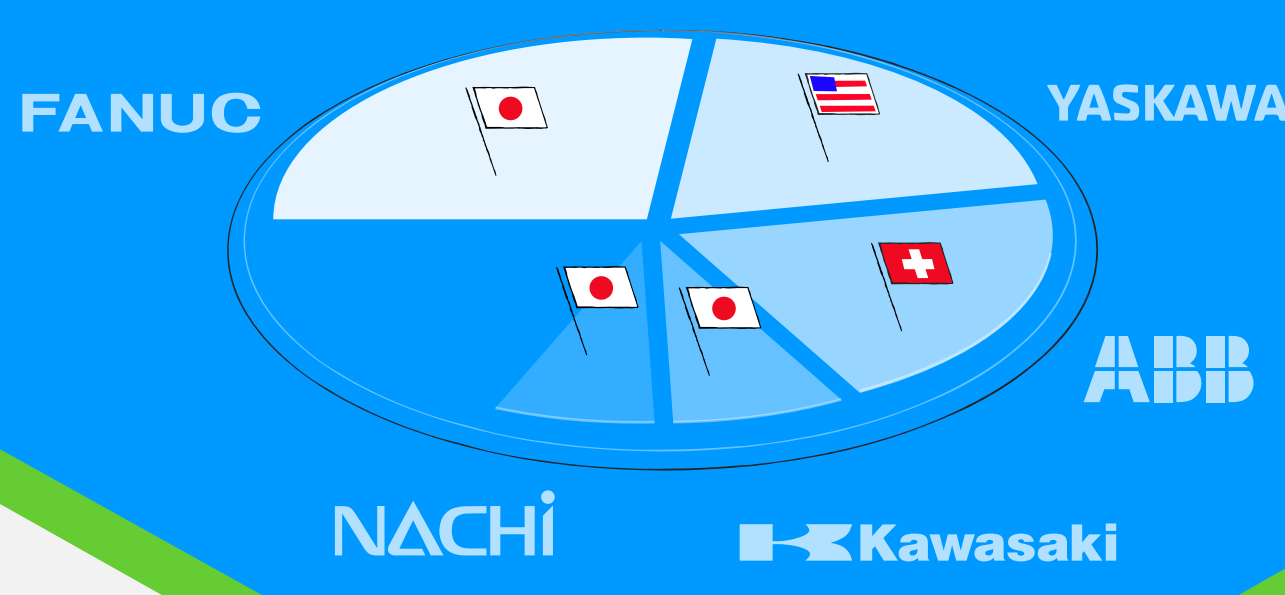
**ASIA's**  
demand is growing  
**3x** faster than in the  
rest of the world



**80 %** of  
robots operate in  
these industries:



**4 out of 5** 2015  
industrial robots were produced by:



By 2099  
**70 %** of our jobs will be automated

Just as **Industrial Revolution**  
did 200 years ago: 99 % of  
farm jobs were automated.



Robots

**+55 %**

**Trend in USA:**  
2009 - 2015

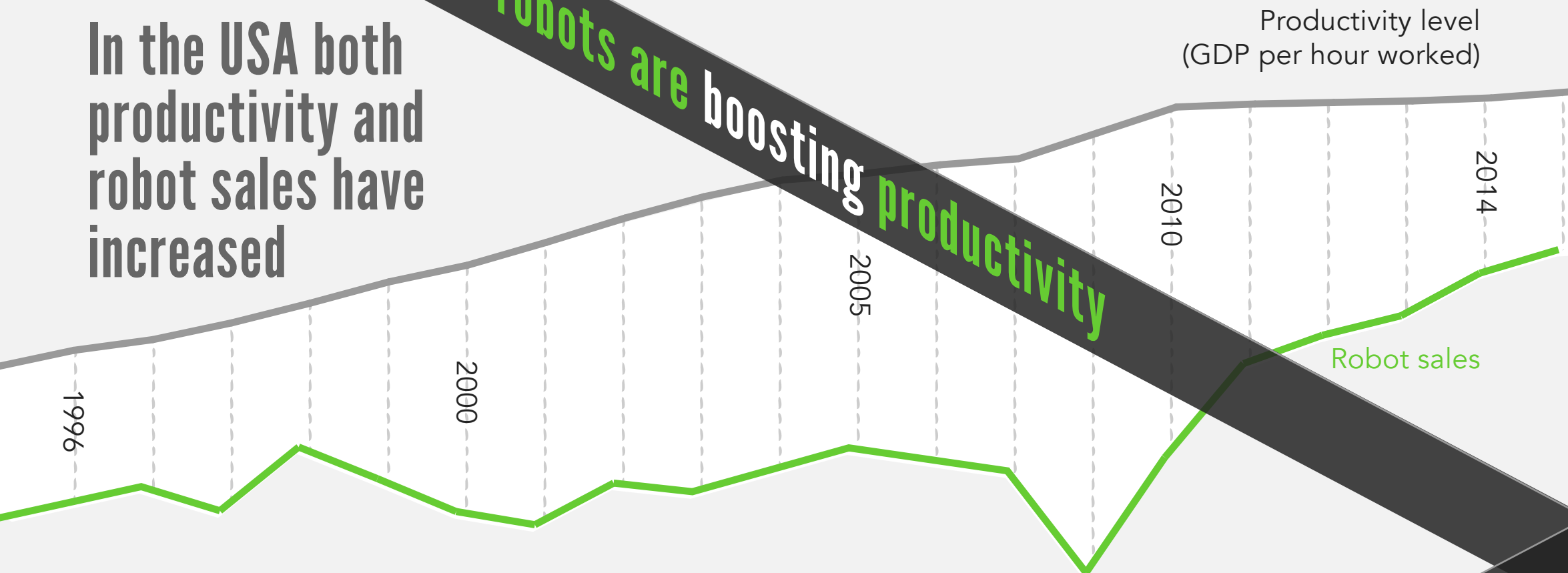
**-42 %**

Unemployment

**HOWEVER**

USA is the **4th** biggest market for robots.  
Yet unemployment is decreasing.

In the USA both  
productivity and  
robot sales have  
increased



**ACTUALLY: robots are boosting productivity**

**1,5 M**  
jobs result from robotics  
in automotive in the USA

**They create jobs**

And new jobs to come  
No kid dreamt to create  
video games in the 1850s!

**...and a safer work place.**

more than  
**4.000**

work fatalities happen  
in the USA per year

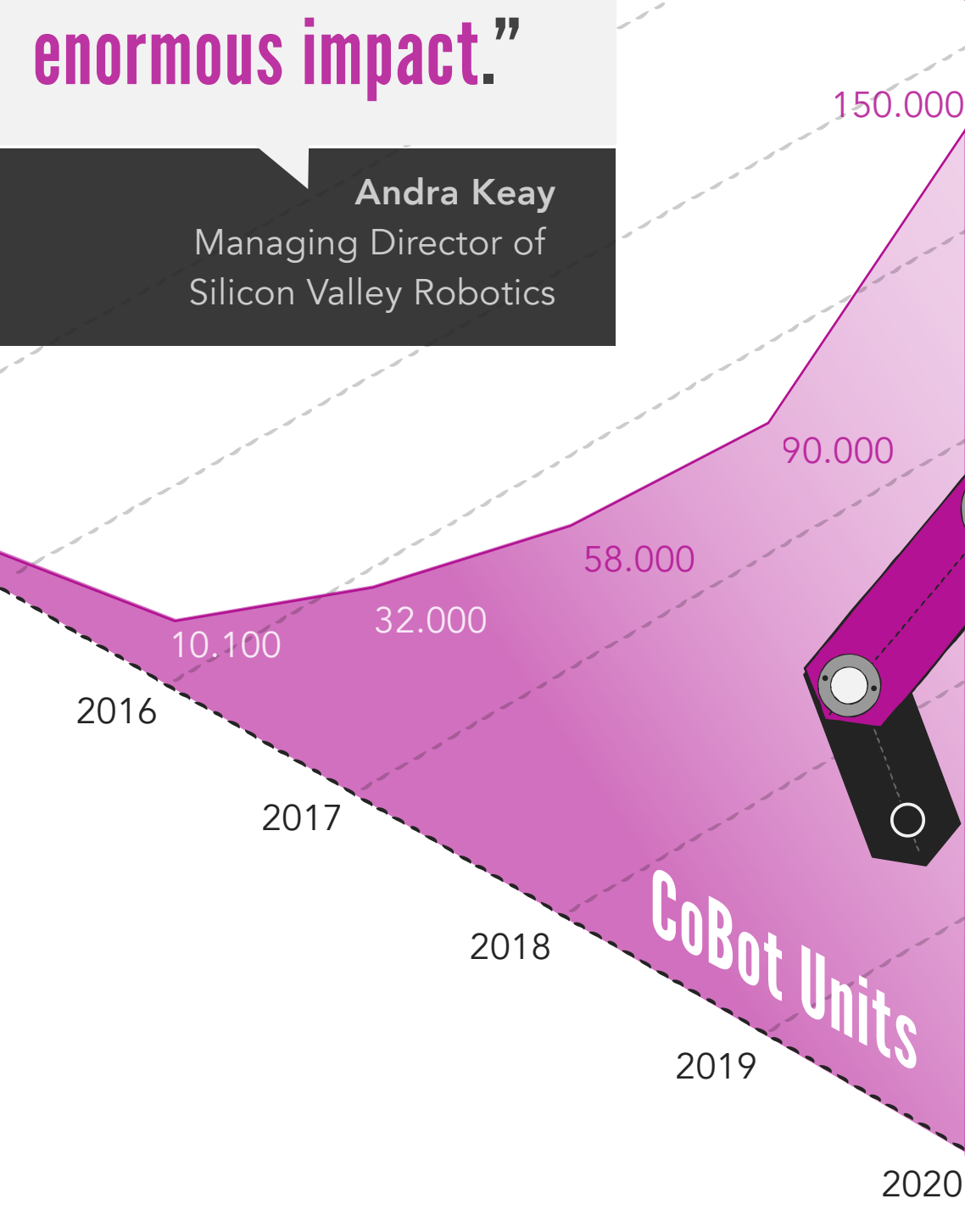
but **LESS THAN 1**  
has been caused by robots

**COBOTS**  
"A BIG DEAL"

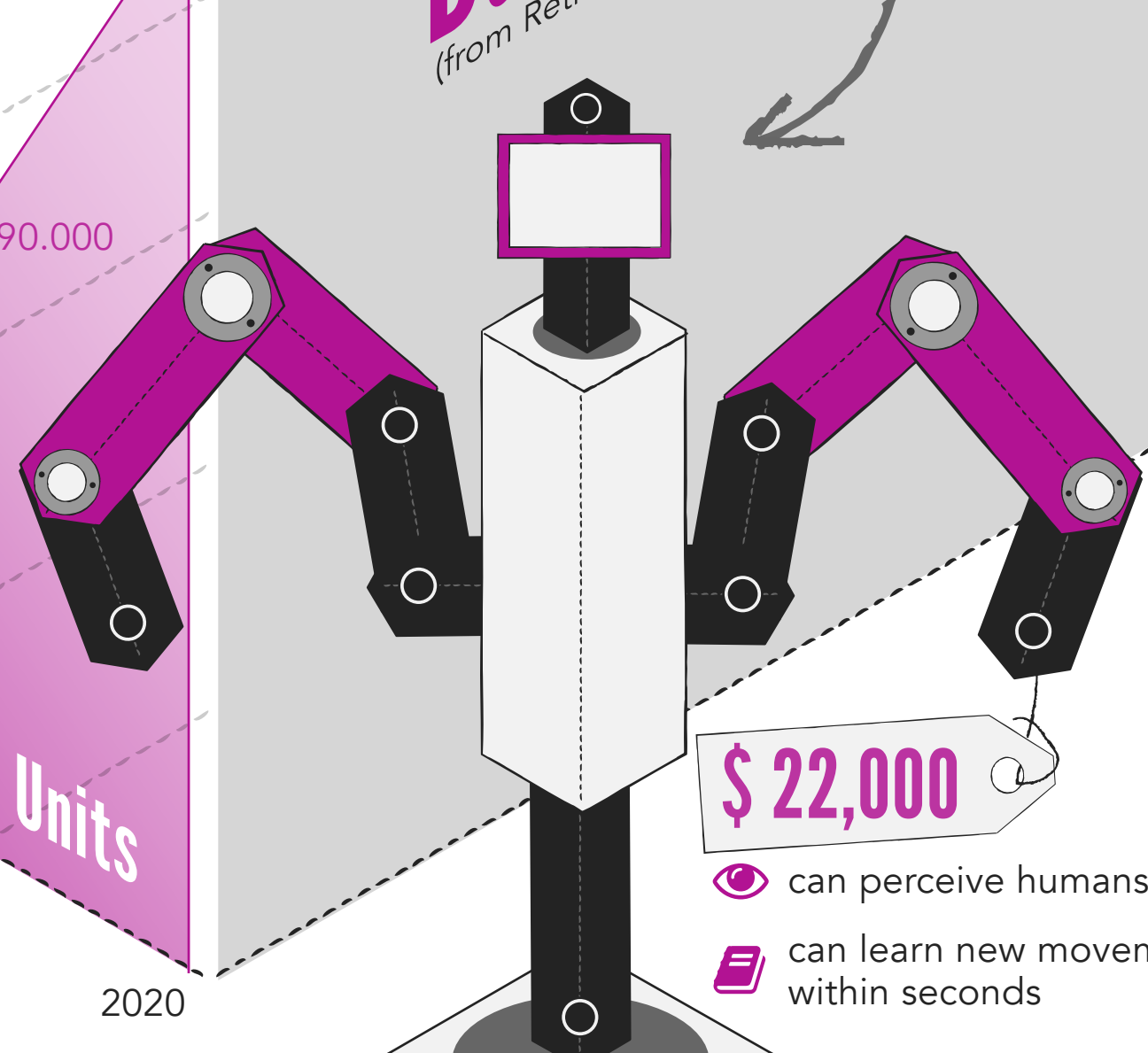
**COLLABORATIVE ROBOTS**  
+ work for humans

**"CoBots will have an enormous impact."**

Andra Keay  
Managing Director of  
Silicon Valley Robotics



**"Baxter"**  
(from Rethink Robotics)

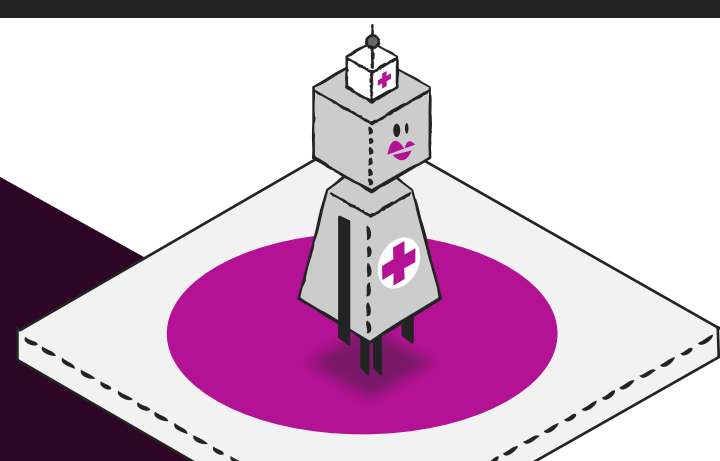


**\$ 22,000**

can perceive humans

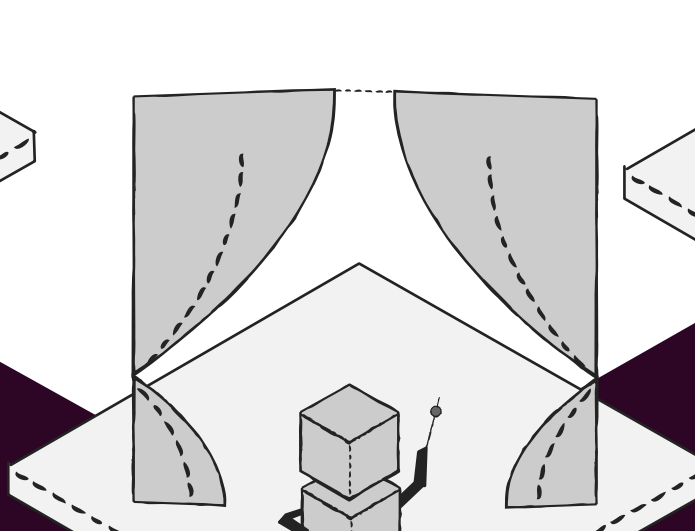
can learn new movements  
within seconds

**CoBots will be part of all aspects in our lives**



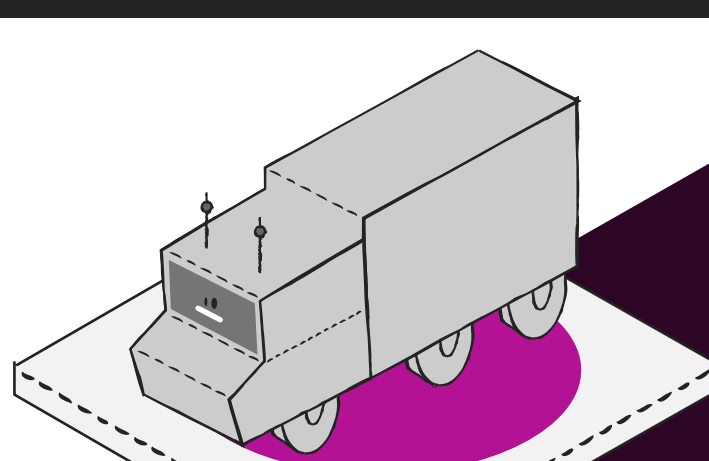
**Healthcare**

Robots can already disinfect  
hospital rooms in 10 minutes.



**Art**

A robot orchestra recently  
performed in Manchester.



**Autonomous transport**

From now on, all Tesla Motors cars  
will have a device for self driving.

References:

www.ifr.org | roboticsandautomationnews.com | stats.oecd.org | robotenomics.com

Created by trademachines.com