

# The Global Robotics Market



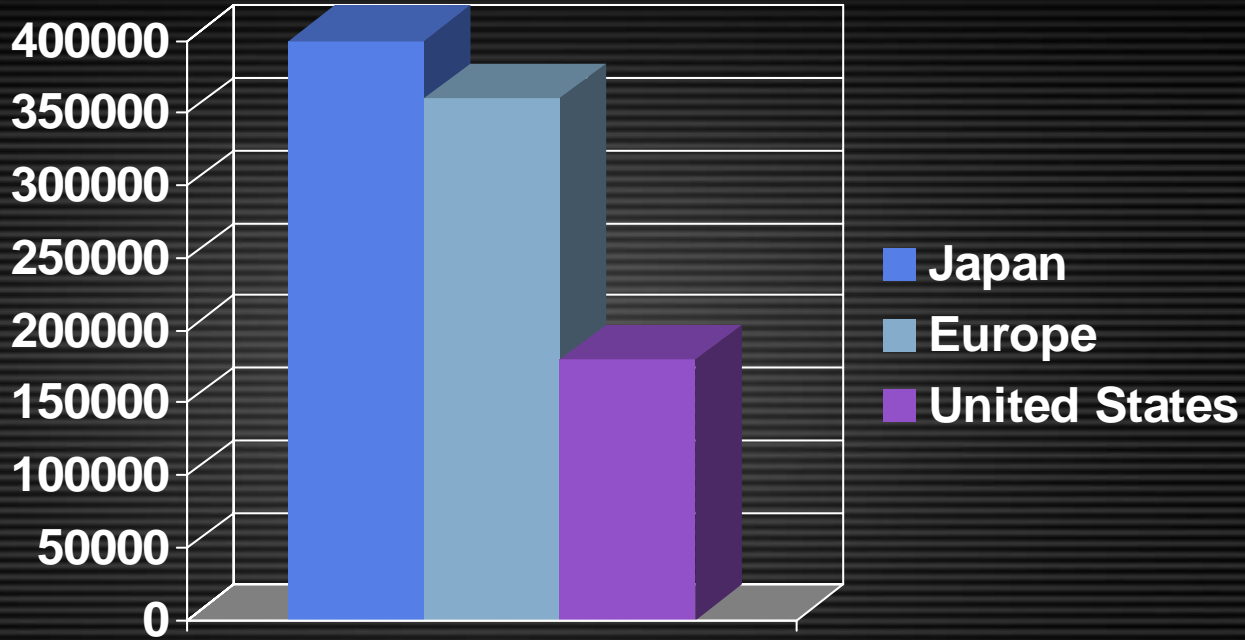
**Jeff Burnstein**  
**Executive Vice President**  
**Robotic Industries Association**



# Worldwide Robot Population



**More than one million robots installed globally.**



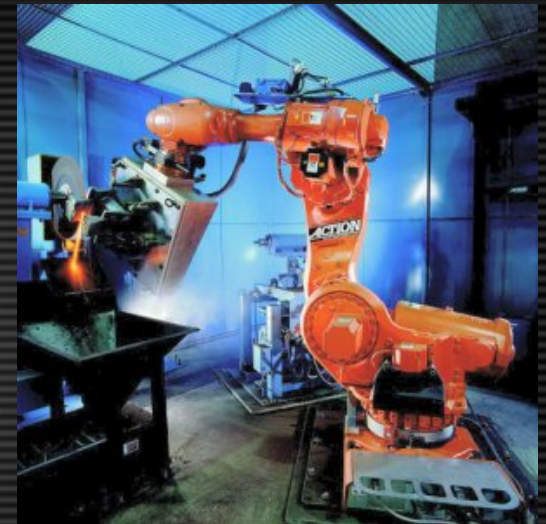
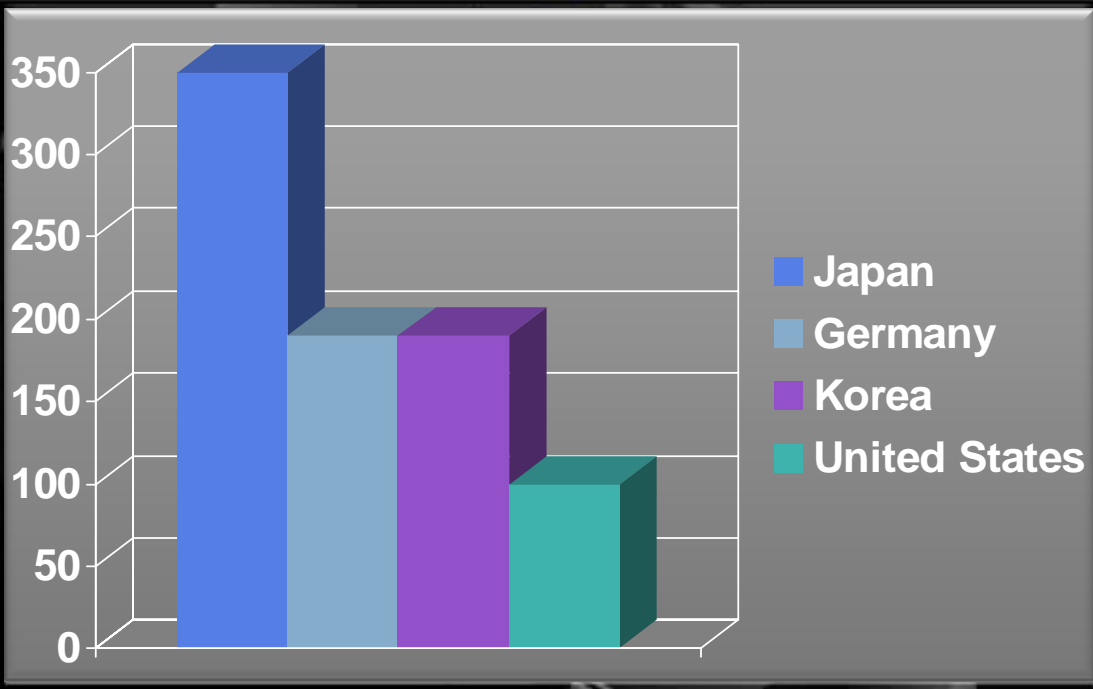
**Industrial robots were invented in the United States, but have been utilized more rapidly around the world.**



# Global Robot Density



Number of Robots Per 10,000 Manufacturing Workers



**The U.S. lags major competitors in taking advantage of robotics.**



# Global Robotics R&D



## Comparison of R&D Investment in Robotics

Region	Europe	South Korea	Japan	USA
Year 2007	100 M€	250 M€	11.5 M€	15 M€
Funding Programme	EU's 7 <sup>th</sup> research Framework Programme on Information & Communication Technologies	ATP Korean Government's Advanced Technology Programme	METI Ministry of Economy, Trade & Industry	NSF Us National Science Foundation

**The U.S. may not be spending enough on robotics R&D to catch up to major competitors.**



# Robotics On the Rise



**Countries expected to rapidly increase their use of robotics:**

INDIA



CHINA



KOREA



**Robots are essential to the growth of manufacturing overseas – they can become essential to U.S. manufacturing companies who want to keep manufacturing here!**

