

Editor's Note:

Since the start of 2025, Chinese tech startups and cutting-edge technologies have drawn widespread global attention, as shown in the global rise of artificial intelligence (AI) firm DeepSeek. This phenomenon has provided an important window into China's rapid advancement in the technological field. Thanks to China's long-standing policy support for innovation, China has become a world-leading innovator. These graphics offer a comprehensive picture of how China has become a technological powerhouse and why innovation is key to China's high-quality development.

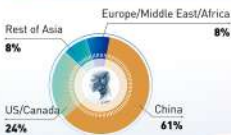
China's surge to an innovation powerhouse

WORLD-LEADING INNOVATOR

Patent filings mentioning humanoid robot (Dec 2019-Oct 2024)



Humanoid robot unveils since 2022 by country



China's data enterprises:

Number: more than **190,000**
Industry scale: **2 trillion** yuan, with an annual growth rate of over **25%**

China's intelligent robot enterprises:

Number: **451,700** by December 2024, an increase of **206.73%** from 2020 and **19.39%** from 2023
Registered capital: **6.44 trillion** yuan

The Humanoid 100 list by Morgan Stanley:

56% of the companies confirmed to be involved in humanoids are based out of China

TECH DEBUTS IN 2025

Top highlights

March 8

Beijing Economic-Technological Development Area launched a next-generation intelligent patrol system, consisting of unmanned autonomous vehicles and robotic dogs.



Feb 25

An AI-powered translation device debuted at Shenzhen's Two Sessions, marking China's first government-level AI-based simultaneous interpretation system.



Feb 10

Changsha's fire and rescue team deployed a domestically developed quadruped robot for the first time.



Jan 28

Unitree H1 robots performed a Yangge folk dance during the Spring Festival Gala of the Year of the Snake.

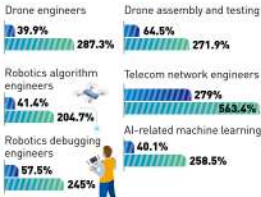
Jan 20

DeepSeek released open-source model DeepSeek-R1, which has achieved an important technological breakthrough – using pure deep learning methods to allow AI to spontaneously emerge with reasoning capabilities.

TECHNOLOGY EMPOWERS HIGH-QUALITY GROWTH

Talent demand for emerging industries in Feb

Growth rate for job postings (blue bar) Growth rate for applicants (green bar)



High-tech numbers in 2024:



POLICY SUPPORT EMPOWERS DEVELOPMENT

The 2025 Government Work Report

"We should pursue integrated advancements in technological and industrial innovation, press ahead with new industrialization, expand and strengthen advanced manufacturing, and vigorously develop modern services. This will enable us to build up the momentum of new growth drivers while upgrading and reviving traditional ones."

Multiple localities set targets in technology development for 2025

Northeast China's **Heilongjiang** Province designated 2025 as the year of breakthrough in industrializing scientific and technological achievements.

South China's **Guangdong** Province: Accelerating the development of the whole-process innovation chain and implementing the Modern Industrial System Action Plan remain the primary tasks.

Southwest China's **Chongqing** Municipality: Empower the development of the manufacturing industry with new quality productive forces.

Sources: State Council, NBS, NDRC, MIT, companies, media reports

Page Editor: chjgrn@globaltimes.com.cn
Graphics: Chen He, Liu Xidan, Xia Qing, Zhen Tao/BT