全球机器人市场保持增长
Continual Growth of Global Robotics Market

机器人的研发、制造、应用将为科技创新和高端制造业水平

《中国机器人产业发展报告(2021年)》指出，2021年全球机器人市场规模预计达到335.8亿美元，2016-2021年的平均增长

率约为11.5%。工业机器人市场规模预计达144.9亿美元，服务

机器人市场规模预计达125.2亿美元，特种机器人市场规模预计

65.7亿美元，预计到2023年，全球机器人市场规模突破477

亿美元。

Robots research, manufacturing and application symbolize the level

of technological innovation and advancement of manufacturing

industry for a country. As highlighted in China Robotics Industry

Development Report 2021, the global robotic market is expected to

reach US$335.8 billion in 2021 while its average growth rate during

2016-2021 is recorded to be around 11.5%. The market sizes of

different robots are expected to be USD44.49 billion for industrial

robots, USD125.2 billion for service robots, and USD65.7 for

special robots respectively. As estimated, the global robot market

will exceed US$477.7 billion by 2023.

机器人推动制造业高端制造创新发展
Facilitating High-end & Innovative Development of Manufacturing

2021年12月，工业和信息化部等4部门联合发布发展

《“十四五”机器人产业发展规划》，明确了发展目标。

到了 2025 年，中国将发展为全球智能制造创新

策源地、高端制造业和机器人产业高地，机器人产业

营业收入年均增速超过20%。

中国机器人产业将突破机器人关键技术与核心目标，

催生产学研技术融合，不断提升制造业、装备、

机器人、操作系统等核心技术水平。此外，服务机器人

智能化水平快速提升，特种机器人需求领域不断拓展，为

中国机器人产业再次推上发展新高度。

In December 2021, the Ministry of Industry and Information Technology of

P.R. China officially issued the development plan for China’s robotics

industry during the 14th Five-Year Plan period. The development goals

for the industry have been clearly emphasized in the Plan. By 2025, China aims

to become a key source of global robotic technological innovation, the hub for high-end manufacturing and the new cluster of

integrated application. The average annual growth rate of robotic

industry operated income is set to exceed 20%.

China industrial robots research targets at breaking through the core

technology. Through close collaboration among government, industry, research and application, the level of essential elements,

including decelerator, control system, servo motor, operating system

and so on, will continue to be augmented. In addition, the
digitalisation and characterisation of service robots will be rapidly

facilitated while the demand in special robots will continue to be

enlarged. The robotics industry in China will further be advanced to

higher level.

大湾区工业博览会 行业盛会
Greater Bay Area Industrial Expo - Annual Gathering of Industry

「大湾区工业博览会」，以技术和创新为主题，致力于连接科技与工业，赋能行业和生态合作的平台。

每年展出项目包括数控机床、数控刀具、智能制造系统、工业机器人、钣金激光、塑料及包装、模具制造、

工业互联网、工业软件、3D打印、精密零件、人工智慧、压铸铸造、五金工具、金属材料等各个领域，

涵盖工程项目、关键零部件、先进制造装备、整体解决方案等智能全球最新技术、产品，以规模之大、

品类之全、观众之多，深得业界信任，成为粤港澳大湾区先进制造业技术创新的风向标。

Focusing on technology and innovation, Greater Bay Area Industrial Expo has been constructed as the comprehensive platform for technology & industry collaboration and industry empowerment. Wide spectrum of exhibits being showcased every year includes worldwide latest technologies & products covering raw materials, key parts, advanced manufacturing systems, industrial robots, sheet metal laser cutting & bending, mould manufacturing, industrial IoT, industrial measurement, 3D printing, precision tools, industrial control & software, etc. The exhibition has gained broad support and affirmation from global industry on its scale, variety and massive professional buyers. It has been well regarded as the important indication & trend of advanced manufacturing industry innovation in Greater Bay Area.