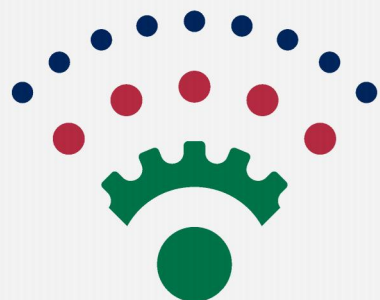




**AMTech-Advanced Manufacturing Technology  
Enables Equipment Industries  
Digital • Smart • Green**



# iAMTech2024

## 中国国际先进制造技术展览会

International Advanced Manufacturing Technology Show

**iAMC2024 • International Advanced Manufacturing Conference**

**SZCEC • Shenzhen Convention and Exhibition Center**

**October 15 - 18, 2024 • Futian • Shenzhen**

**Produced by** CCPIT-MSC • China Council for the Promotion of International Trade Machinery Sub-Council  
GHM-AMA • Guangdong-Hong Kong-Macao Advanced Manufacturing Alliances

**Organized by** Shenzhen Da Qin International Exhibition & Convention Co., Ltd.

# Immense Business Opportunities Created in the Greater Bay of Guangdong-Hong Kong-Macao

Area: **56,000** km<sup>2</sup>

Permanent resident: **86+** million

GDP2023: RMB **13.57**trillion, accounting for **11%** of National GDP, estimated to reach **20%** in 2030

## Made in Guangdong 2020

The added value of manufacturing above designated size and the number of enterprises ranked **top 1** in China.

**40** major industrial sectors in Guangdong

**25** of 40 sectors ranked **top 3** in sales volume in China

**7** sectors exceed RMB **1 trillion** in output, leading China (New Electronic Information, Smart Appliances, Automobiles, Smart Phones, 5G, Green Petrochemicals, Plastic Products)

**2** sectors lead the world (New Electronic Information and Smart Appliances).

## Made in Guangdong 2025

By 2025, the added value of manufacturing stands for **30%+** of Guangdong GDP, and the high-tech manufacturing accounts for **33%** of industries above designated size.

**50,000** enterprises above designated size undergoing digital transformation

**889** provincial key projects

**USD 320** billion of investment

**1,471** key enterprises

**2,920** innovation platforms on national and provincial levels

**245** industrial parks

**53,000** national high-tech enterprises

## Great Potential Consumption of Machine Tools in China

China: the world **No. 1** consumer, importer and producer

Guangdong: consumes **10%-15%** of high-end CNC machine tools in China.

**Key User Industries in Guangdong:** Automobile, Electronic Information, Aviation, Household Appliances, New Energy

## Machine Tools in China in 2022

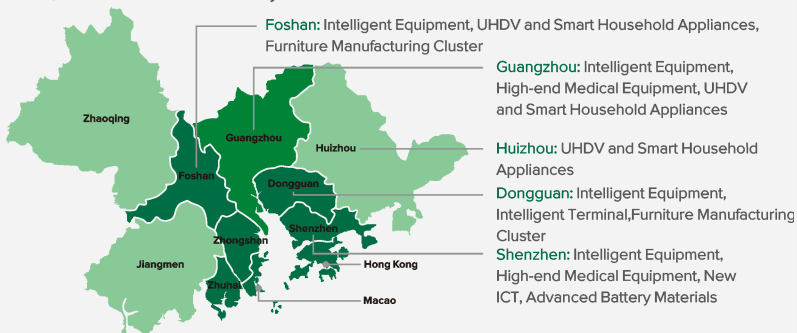
**US\$ 27.9** billion in consumption

**US\$ 6.6** billion in import

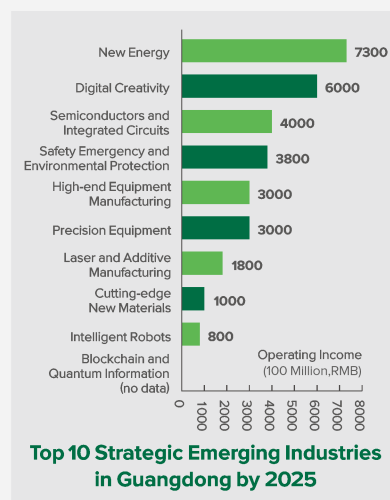
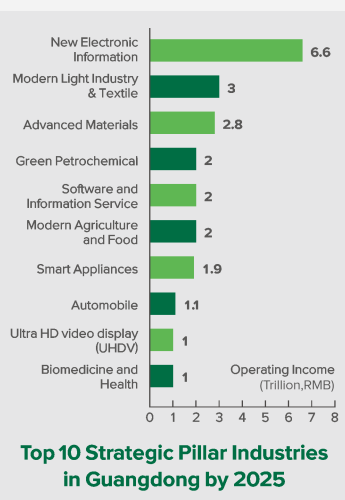
**US\$ 27.1** billion in production

## Outline Development Plan for Guangdong-Hong Kong-Macao Greater Bay Area • Launched by the Chinese government on Feb. 18, 2019

The Greater Bay Area (GBA) will be built into an international **Sci & Tech Innovation Center** with global influence, a world-class **Advanced Manufacturing & Strategic Emerging Industrial Cluster Area**, and the fourth world-class **Bay Area** after New York, San Francisco and Tokyo.

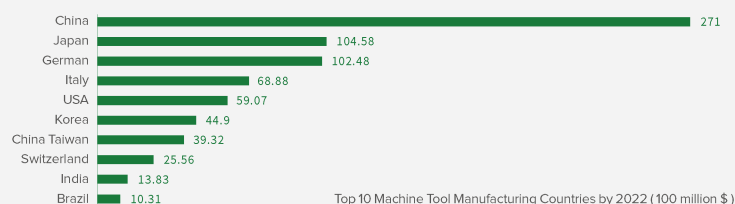


## 45 Advanced Manufacturing Industry Clusters released by MIIT in 2022 14 of 45 in Guangdong

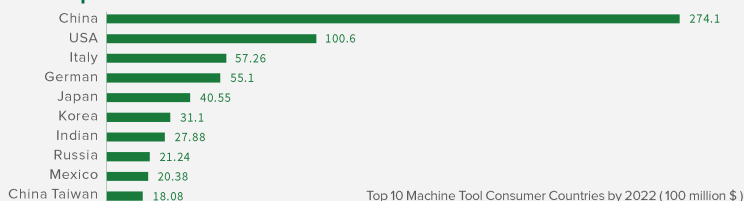


## China: the world's largest producer, consumer, and importer of machine tools Statistic of China's machine tool in 2022

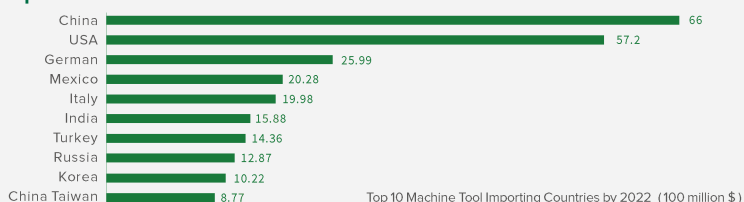
Output value: **271 billion US dollars**



Consumption: **27.4 billion US dollars**



Imports: **6.6 billion US dollars**



Source: Gardner Intelligence

iAMTech2024 aims to build **value chains, networks** and **ecosystems** for the world leading manufacturers, users and integrators.

Concept

Orientations

- ◆ Showcase innovative, high-end and cutting-edge manufacturing **technologies**.
- ◆ Focus on digital, smart and green manufacturing in precision metalworking, going through their **whole production chains** of precision metal cutting and precision metal forming.
- ◆ Provide **total solutions** to save costs and lower storage, improve quality and efficiency for promoting digital, smart and green transformations.

## Exhibit Category



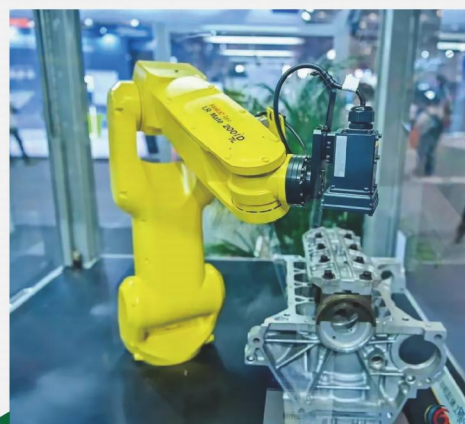
### Precision Metal Cutting Technology

- ◆ High-end CNC metal cutting machines, machining centres, Non-traditional machines, automatic/flexible manufacturing systems, etc.
- ◆ CNC technology & system, CAD/CAM, software
- ◆ Precision cutting tools, tooling, jig, fixture, superhard materials, abrasives & tools, coated tools, etc.
- ◆ Precision measuring and quality control instruments
- ◆ Accessories and key components
- ◆ Maintenance services



### Precision Metal Forming Technology

- ◆ Precision metal forming machines
- ◆ Sheet metal processing technology and machines
- ◆ Laserphotonics technology, laser processing machines
- ◆ Surface treating technology and equipment



### Digital Transformative Technology (Applied to Metalworking Industry)

- ◆ Industrial Automation and intelligent robotics
- ◆ Additive manufacturing and 3D printing
- ◆ Artificial intelligence and machine learning
- ◆ IIOT
- ◆ Green manufacturing, intelligent manufacturing technology and system integration
- ◆ Augmented reality (AR), virtual reality (VR) and mixed reality (MR)
- ◆ CNC equipment interconnection protocol, data analysis, network security
- ◆ Intelligent factory logistics and storage
- ◆ Smart force and vocational education
- ◆ Other related technologies, products & solutions

automobile and auto components

3C electronics, IT, electronic equipment, household appliances

precision molds, metallurgy, foundry, metal wares

new energy, energy storage technology & equipment

hi-tech medical devices and equipment, biotechnology and pharmaceutical engineering

Dominant Industries in the GBA

Visitors & Users

Key User Industries across China

aerospace & aeronautics

transportation & rail Industry

ocean engineering equipment & maritime ships

construction machinery, food packaging machinery and other machinery equipment

petrochemical industry

# AMTech 2021 Highlights

- ◆ First international and differentiated event in the subject of Advanced Manufacturing Technology in China

## Show Report

**218** leading exhibitors in the name of their headquarters from **11** countries and regions.

**40,000** sqm of exhibiting space **102** sqm of average space per exhibitor

**500+** kinds of new technology and solutions showcased **40%+** international participation **75.6%** of exhibitor satisfaction

**32,410** visitors from **28** provinces of China and the world **92%** of visitor satisfaction



- ◆ International Supports from AMT, VDW and other domestic and international associations of advanced manufacturing



21 exhibitors and 1280 sqm in German Pavilion and UMATI live demo organized by VDW.

MTConnect live demo for the first time in South China by AMT jointly with its 6 members, HARDINGE, HURCO, KENNAMETAL, SUNNEN, OMEGA and OMAX.



- ◆ New and innovative way of collaborative participation from leading exhibitors: linking productions chains and showcasing solutions



Hurco jointly with KREON, PEISELER, OEMETA and ALFA-SYS to showcase intelligent machining solutions.

Nachi displayed technologies and solutions ranging from advanced materials, machine tools, key accessories (precision tools, bearings, hydraulic systems, etc.), intelligent micro robots to machining solutions.

+GF+ in collaboration with HEIDENHAIN, REGO-FIX, OPEN MIND, to showcase the five-axis machining solution to automotive mold inserts.

- ◆ World Advanced Manufacturing Conference (AMC2021) held concurrently with AMTech 2021



**1** plenary in the subject of "Digital Transformative Technologies enable global manufacturing"

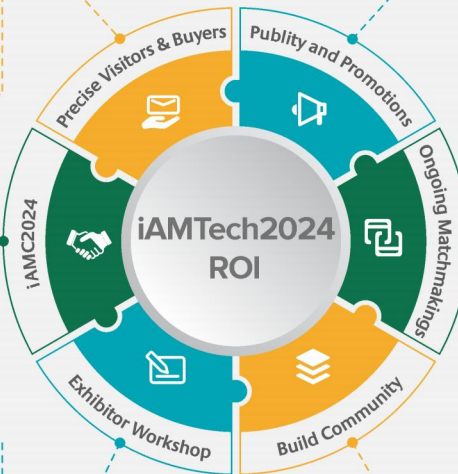
**2** round table dialogues

**5** breakouts in terms of digital transformative technologies applied to automotive, aerospace & aeronautics, transportations, metalworking, medical equipment industries

You will market your brands, technologies and products with high exposure in front of 60,000 potential buyers ranging from top management to decision makers in charge of purchasing, R&D, production with influence on procurement. Most professionals come with strategies on digital transformation and purchasing plan on equipment.

We will invite you to join the keynote forums, symposiums and roundtable dialogues included in "International Advanced Manufacturing Conference (iAMC 2024)" held in the same place at the same time as iAMTech 2024, where to learn more about the farsighted concepts and perspectives of global industry experts, emerging technology and market trends, and to communicate, talk and share with industry leaders and user executives.

We invite you to attend Exhibitor Workshops 3 months before iAMTech 2024, to let you know more about our platform, resources and activities to help you make most from the event, about the show rules to reduce your participation costs, about our show services to improve your participation experiences.



We undertake serial, progressive and all-year-round campaigns to market and promote your company by means of iAMTech 2024 official website, WeChat, TikTok, LinkedIn, Facebook, Twitter etc., and its 100 industry and user media contractors.

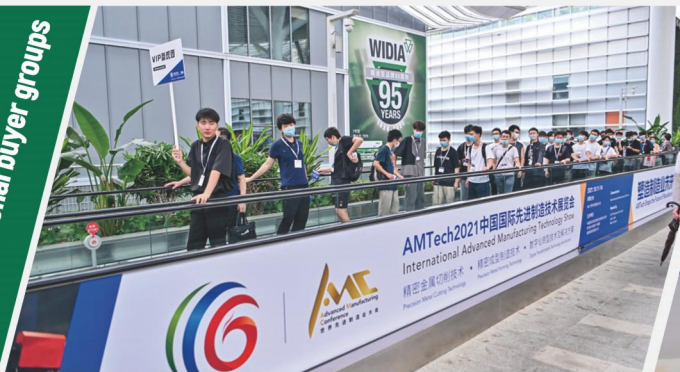
We have done and will do more matchmaking events connecting suppliers and users before, during and after iAMTech 2024, targeting on different user industries in different regions, in the ways of technical symposiums, high-end forums, factory tours, new product releases, industry standard releases, skills competitions and other networking activities.

We invite you to participate in a series of activities in collaborations with industry and user associations, industrial parks and related government agencies, concentrating on the transformation and upgrading of traditional industries, core technology exchanges and cooperation, investment promotion, etc. to construct iAMTech 2024 value chains, communities and ecosystems where everyone can be benefited and returned.

Matching activities



Professional buyer groups



圆桌对话：数字化转型技术赋能全球制造业  
Panel Discussion: Global Manufacturing Empowered by Digital Transformative Technologies

孙继田 SUN Jitian Chairman of GHM-AMA, Former President of CCPT Machinery Sub-Council	周树 (中国) ZHOU SHU General Manager of Global Advanced Manufacturing Institute	Lucas Bretz Lucas Bretz General Manager of Global Advanced Manufacturing Institute	陈富江 CHEN Fuhong Chairman of HZCHG	胡建东 HU Jiandong Vice President of Masak	沈峰 SHEN Feng President of NAAAP	陈义平 CHEN Yiping Vice President of Rootcloud Technology Co., Ltd.
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Summit / forums





## Supported by

- ◆ Guangdong Machinery Industry Association
- ◆ Guangdong Machinery Mould Technology Promotion Association
- ◆ Guangdong Foundry Industry Association
- ◆ Guangdong Casting Industry Association
- ◆ Hongkong Mould and Product Technology Association
- ◆ Hongkong Foundry Association
- ◆ Hongkong Plastic Machinery Association
- ◆ Hongkong Metal Manufacturing Association
- ◆ Shenzhen Machinery Industry Association
- ◆ Shenzhen Advanced Manufacturing Association
- ◆ Shenzhen Industry Design Association
- ◆ Shenzhen Baoan Intelligent Manufacturing Industry Association
- ◆ Shenzhen Connector Industry Association
- ◆ Guangzhou Machine Tool Industry Association
- ◆ Guangzhou Die & Mould Industry Association
- ◆ Guangzhou Sheet Metal Processing Industry Association
- ◆ Zhuhai Manufacturing Association
- ◆ Foshan Machinery Equipment Industry Association
- ◆ Foshan Shunde Robot Association
- ◆ Foshan Shunde Lunjiao Machinery Parts & Association Chamber of Commerce
- ◆ Foshan Shunde Machinery and Equipment Manufacturing Chamber of Commerce
- ◆ Dongguan Machinery Mould Industry Association



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