



ITALIAN TRADE AGENCY

ICE - Italian Trade Commission

Trade Promotion Office of the Italian Embassy

Desk Macchine Utensili ICE Pechino

CHINA'S MACHINE TOOLS INDUSTRY, MARKET AND REGULATIONS

Newsletter June 2024

Issue no. 1



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Ufficio ICE di Pechino

Table of contents

1. Machine Tool Industry in China: Overview

1.1. Dimension of the Industry

1.2. Composition of the Machine Tool Industry in China and Main Italian Players

1.2.1 Segmentation of Machine Tools Manufacturers

1.2.2 Key Local Players and Their Locations

1.2.3 Notable Foreign Players and Their Locations

1.2.4 Italian Machine Tool Manufacturers' Presence in China

1.3. Mainland China market performance of Machine Tool Industry in the first quarter of 2024

1.3.1 Turnover

1.3.2 Main Economic Operation Indicators

1.3.3 Machine Tools Orders

2. Government Policies in China: Made in China 2025 and the 14th Year plan.

2.1. Tax Support Incentives

3. The Market Demand

3.1. Trends in the Machine Tool Industry

3.1.1 Automotive Industry

3.1.2 CNC Machines in other industries

3.1.3 CNC machine tool in growing demand

4. Regulatory Framework and Other Regulatory Bodies

5. Machine Tools Industry Exhibitions

6. Trade Exchange in the Machine Tool Industry between Italy and China (January-February 2024)

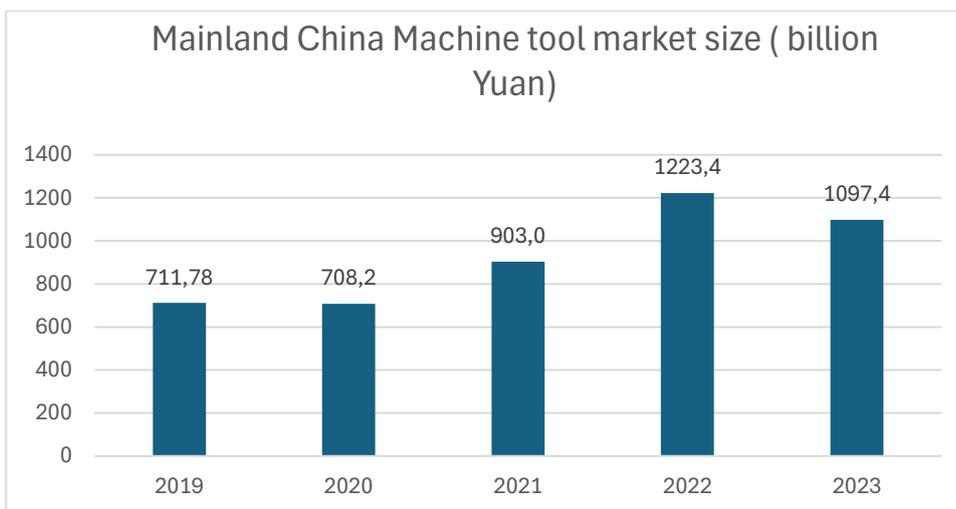
7. Industry News

8. Tenders and bids in China

1. Machine Tool Industry in China: Overview

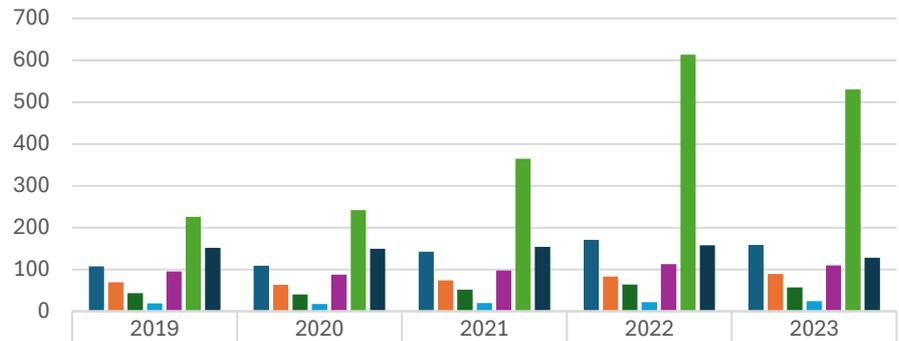
1.1. Dimension of the Industry

China's machine tool industry is the world's largest, boasting a market size exceeding 1097 billion Yuan (approximately USD150 billion). With the increase in market demand, the number of Chinese machine tool companies is also growing. Approximately 5,800 enterprises are above the designated size (i.e. enterprises with annual operating income of over 20 million yuan). Lead by high end technology and enhanced by less than 20 high-end manufacturers, mainly from Germany and Japan, such as Mazak, DMG MORI, Schuler, OKUMA, Trumpf, MADA, Demage, Grob, China has welcomed advanced technologies, focusing on the development of precise, intelligent Computer Numerical Control (CNC) machine tools and accessories.



Source: Intelligence Research Group

Mainland China sales revenue of various types of machine tool products in China from 2019 to 2023



	2019	2020	2021	2022	2023
■ Metal cutting machine tools (in billion Yuan)	107,32	108,67	142,47	170,91	158,6
■ Metal forming machine tools (in billion Yuan)	69,41	63,12	73,53	82,88	89,1
■ Machine tool functional components (in billion Yuan)	43,06	40,06	51,59	63,77	57,2
■ CNC devices (in billion Yuan)	19,16	17,15	19,46	22,21	24,37
■ Cutting tools and measuring instruments (in billion Yuan)	95,49	87,83	97,79	112,44	109,7
■ Abrasive tools (in billion Yuan)	225,48	241,97	364,42	613,29	530,5
■ Others (in billion Yuan)	151,8	149,42	153,71	157,91	127,93

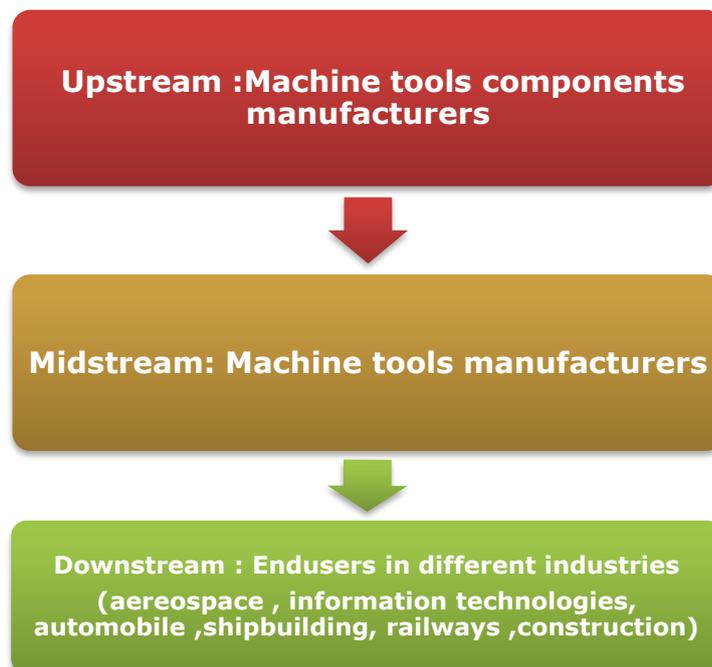
- Metal cutting machine tools (in billion Yuan)
- Metal forming machine tools (in billion Yuan)
- Machine tool functional components (in billion Yuan)
- CNC devices (in billion Yuan)
- Cutting tools and measuring instruments (in billion Yuan)
- Abrasive tools (in billion Yuan)
- Others (in billion Yuan)

Source: Intelligence Research Group

1.2. Composition of the Machine Tool Industry in China and Main Players

The sector shows a typical upstream-downstream model, and the upstream players include components and parts manufacturers, transmission systems manufacturers and CMC systems manufacturers, the midstream players include machine tool manufactures, and the downstream players are all the end users across various application fields.

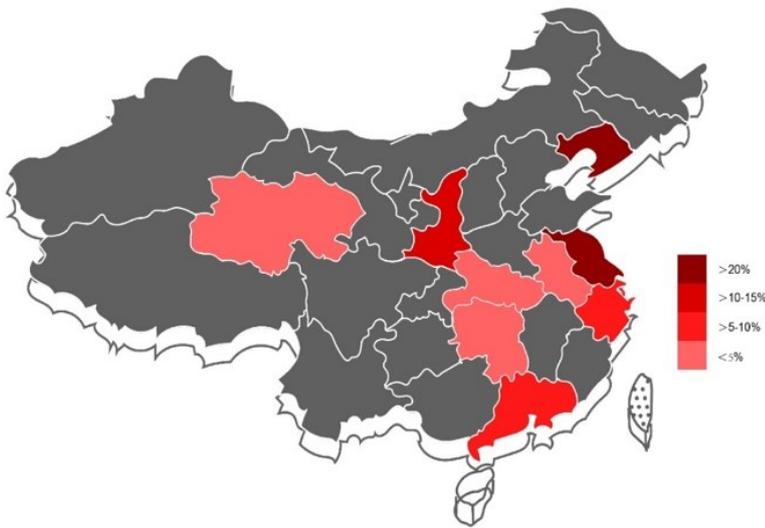
In general, the industry supply chain follows this sequence:



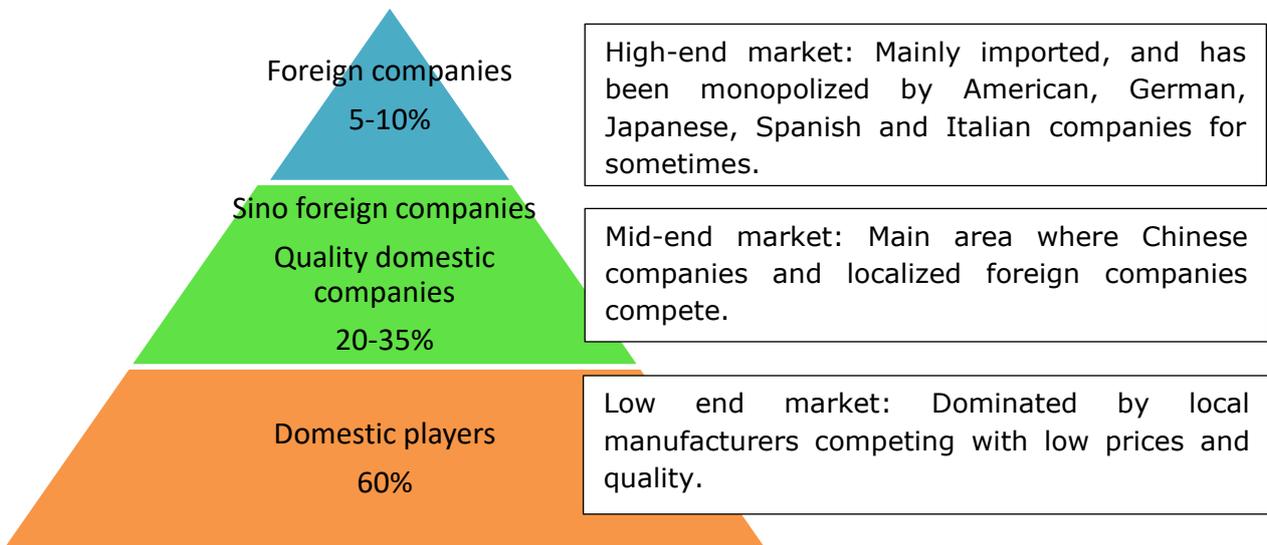
Machine Tools Companies location in China.

East China is the main hub for the sector, with Liaoning and Jiangsu provinces having the highest industry concentration in terms of location and followed by other main industrial provinces in Southern part of China such as Shan'xi, Zhejiang, Guangdong.

Machine tool companies' location concentration in mainland China:



1.2.1 Segmentation of Machine Tools Manufacturers



1.2.2 Most eminent local players and their Locations

Different sources indicate that the following companies are the main local players in the Industry (in terms of size, revenues and manufacturing capacity):

- ⇒ Shenyang Machine Tool Co., Ltd (SMTCL) (Liaoning (HQ), Shanghai and Jiangsu);
- ⇒ Dalian Machine Tool Group Corporation (DMTG) (Liaoning (HQ), Guangdong and Shanghai);
- ⇒ Qinchuan Machine Tool Group Co., Ltd (QCMTT) (Shaanxi and Beijing)
- ⇒ Qizhong CNC Equipment Co., Ltd. (Heilongjiang, Jiangsu, Liaoning, and Shanghai)
- ⇒ Qiqihar No.2 Machine Tool Group Co., Ltd (Heilongjiang and Hebei);

1.2.3 Notable Foreign Players and Their Locations

The main foreign players on the market (in term of size and production capacity):

- ⇒ DMG Mori China, Co. Ltd Shanghai (HQ), with production units in Chongqing, Beijing, Guangdong, Zhejiang, Liaoning, Tianjin and Shaanxi;
- ⇒ Trumpf Metal Products (Dongguan) Co. Ltd Yangzhou Jiangsu (HQ), with branches in Hong Kong, Beijing, and Guangdong.
- ⇒ Amada China Co. Ltd. Shanghai (HQ), with branches in Hong Kong, Jiangsu, Guangdong, and China Taiwan.
- ⇒ Mazak China (Shanghai HQ) with two production plants (Ningxia Little Giant machine Tool Co. Ltd (China) and Yamazaki Mazak Machine Tool (Liaoning)Co. Ltd. (China)
- ⇒ Okuma (Changzhou) Machine Tool Co. Ltd (Trading offices in Shanghai, Taiwan)
- ⇒ Grob China Machinery Co. Ltd (Dalian). (Commercial offices in Shanghai)

**An in-depth analysis of the main MT Domestic and International players in China market will follow in the next newsletters.*

1.2.4 Italian Machine Tool Manufacturers' Presence in China

Italy machine tool manufacturing is ranking second in Europe after Germany. Main destination markets are United States (in 2022: 482 million euros), Germany (in 2022: 306 million euros) and China (in 2022 :226 million euros).¹

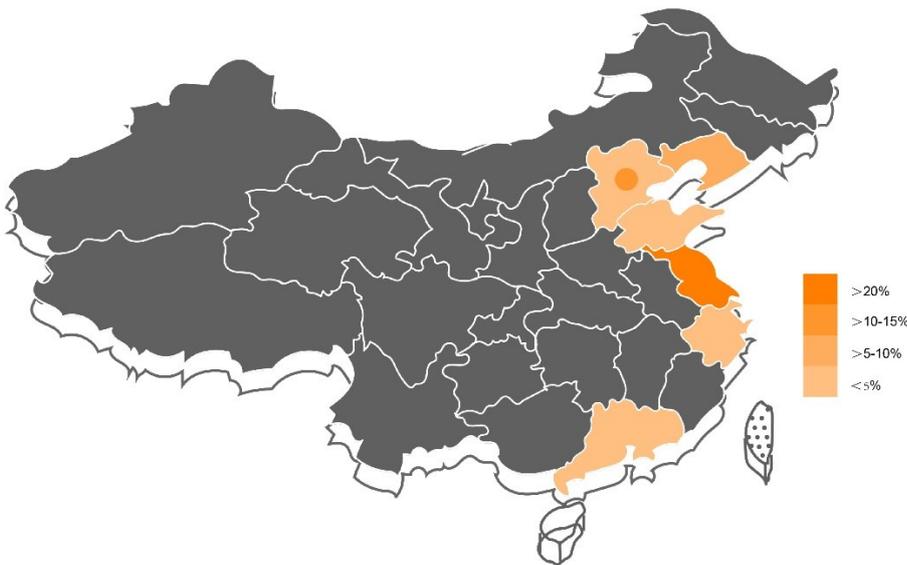
¹ CECIMO, available at [LINK](#)

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The Italian presence in the China market is quite consistent with a high concentration in the Zhejiang, Jiangsu, Shanghai areas. Italy's heavy (dead weight 30-100 tons) and super heavy machine tools manufacturers (dead weight over 100 tons) have entered China market. Application industries are automobile, aerospace, railway, shipbuilding, energy, and IT industries.

In fact, in a preliminary assessment around 50 Italian Companies have established their direct presence in China through different vehicles, (from manufacturing industrial entities, commercial companies and representative offices) while other 20 brands are present in China market through the sales structure of local dealers and distributors. The companies are active players in the upstream MT sector (components and parts manufacturing and distribution) as well as in the mid-stream sector (machines).

Italian Machine tool companies' location concentration in mainland China:



It appears that setting up a trading company, which has a relevantly small size unit (with lower than 10 people, usually 2-5), is the most-favored option for Italian MT companies to invest in China market. Around half of Italian MT companies are adopting this option and many are choosing Shanghai as their priority office location.

Around 30% Italian MT companies are operating through a manufacturing entity (most located in Jiangsu Province, the second-largest MT cluster area in China). Different reasons for setting up a production unit are China's market demand for fast delivery and nearness to clients, risk diversification of suppliers as well as the needs of both upstream and downstream supply chain.

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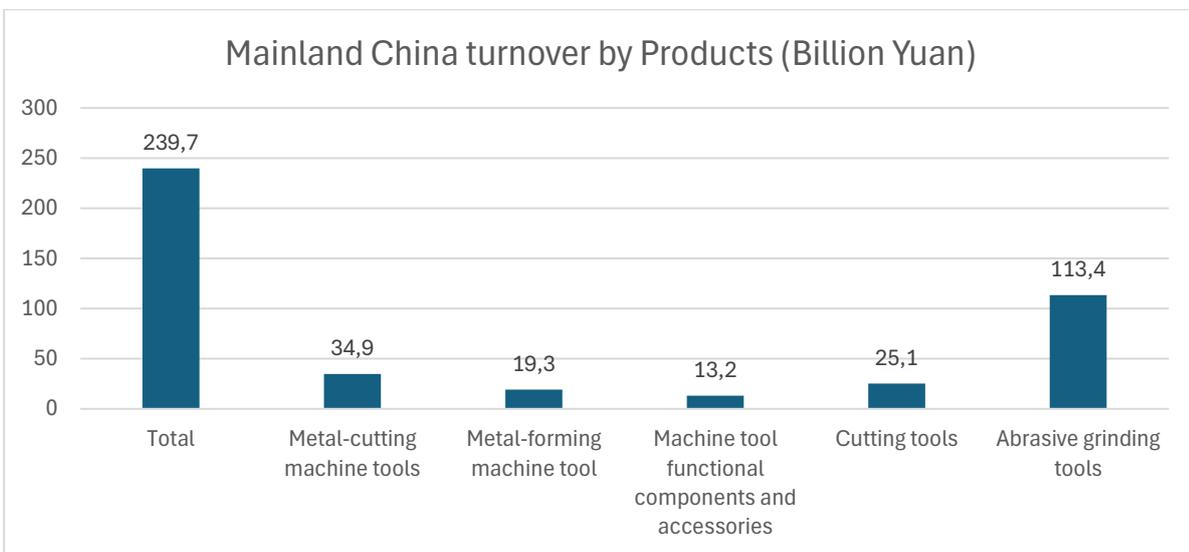
Few Italian MT companies opt for setting up a representative office and others are operating their business via Chinese agents (with no legal entity in China). This model is highly flexible since the business is operated through local agents and distributors, who are taking care of sales, installation and after-sales activities and no major investment is needed.

**An in-depth analysis of the major Italian presence in China market will follow in the next newsletters.*

Mainland China market performance of Machine Tool Industry in the first quarter of 2024

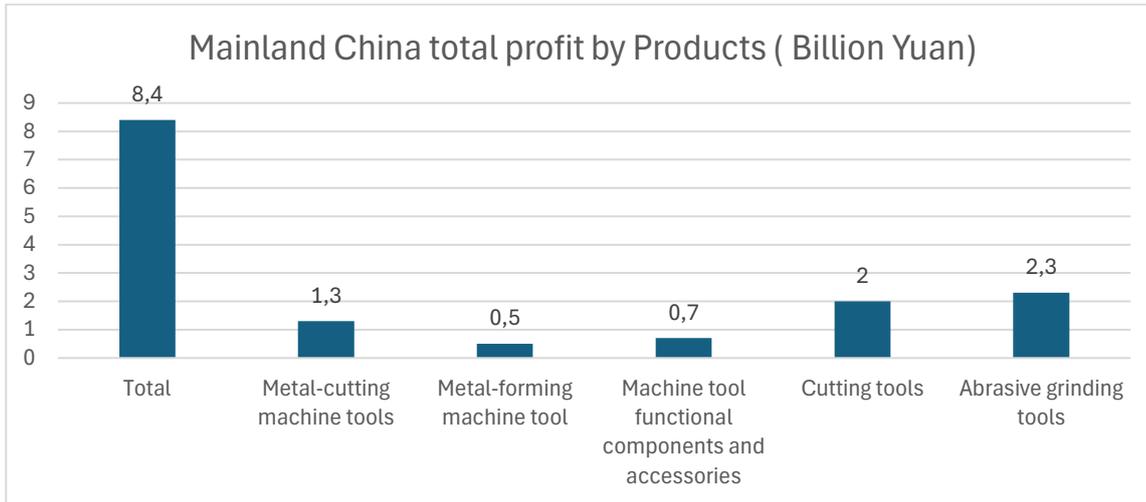
1.3.1 Turnover

From January to March 2024, the entire machine tool industry achieved a turnover of 239.7 billion yuan, with a year-on-year decrease of 13.8%. Among them, metal-cutting machine tools decreased by 9.2% year-on-year, while metal-forming machine tools increased by 2.6% year-on-year.



	Unit	Total	Metal-cutting machine tools	Metal-forming machine tool	Machine tool functional components and accessories	Cutting tools	Abrasive grinding tools
Turnover	Billion Yuan	239.7	34.9	19.3	13.2	25.1	113.4
Year-on-year increase or decrease	%	-13.8	-9.2	2.6	-7.3	-0.3	-20.4

Total Profit



	Unit	Total	Metal-cutting machine tools	Metal-forming machine tool	Machine tool functional components and accessories	Cutting tools	Abrasive grinding tools
Total profit	Billion Yuan	8.4	1.3	0.5	0.7	2	2.3
Year-on-year increase or decrease	%	-77.8	-40.0	-34.1	0.8	-17.5	-92.1

1.3.2 Main Economic Operation Indicators

From January to March 2024, the turnover of key affiliated enterprises decreased by 5.2% year-on-year, which is 0.5% points lower than that of January to February.

The **total profit decreased by 3.4% year-on-year**, turning from an increase to a decrease in January and February. **38.1% of the enterprises are operating at a loss**, with an increase of 2.2% points year-on-year.

The production of **metal processing** machine tools **decreased by 4.1%** year-on-year, and the output value decreased by 18.0% year-on-year, with a decrease of 2.0% and 6.0%, respectively, compared to January and February.

Among them, the production of **metal cutting** machine tools **decreased by 4.1%** year-on-year, an increase of 2.8% from January to February. The output value decreased by 8.0% year-on-year, turning from a year-on-year growth to a decline in January and February.

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The production of **metal-forming** machine tools **decreased by 4.3%** year-on-year, lowering the decline by 1.7% compared to January and February. The output value decreased by 36.1% year-on-year, with an increase of 0.4% compared to January and February.

1.3.3 Mainland China Machine Tools Orders

From January to March 2024, new orders for metal processing machine tools decreased by 11.1% year-on-year, while orders in hand decreased by 20.1% year-on-year, with a decrease of 1.5 and 5.2% points, respectively, compared to January and February.

Among them, the new orders for metal cutting machine tools decreased by 7.1% year-on-year, with a 3.0% increase compared to January and February.

Orders in hands **decreased by 8.5% year-on-year**, transitioning from growth in January and February to a decline. The new orders for metal forming machine tools decreased by 19.8% year-on-year, while orders in hand decreased by 35.5% year-on-year, with a decrease of 1.7 and 3.2 % points, respectively, compared to January and February.

Machine Tools Orders

	Y-o-Y %	M-o-M%
Metal Processing Machine Tools	2023-2024	Jan-Feb
New Orders	-11.10%	-1.50%
Orders in Hand	-20.10%	-5.20%
Metal Cutting Machine Tools		
New Orders	-7.10%	3%
Orders in Hand	-8.50%	N/A
Metal Forming Machine Tools		
New Orders	-19.80%	-1.70%
Orders in Hand	-35.50%	-3.20%

Source: CMTBA

2. Government Policies in China: Made in China 2025 and the 14th Year plan.

In 2015, China released 'Made in China 2025' ("MIC 2025") as a framework for developing its technological independence and innovation goals. MIC2025 is a complex and continuously shaping industrial strategy that should guide China through becoming a leading manufacturing powerhouse. In MIC 2025 ten strategic sectors are targeted as development priorities, including high-end CNC machine tools & robots.

The 14th Five Year Plan (2021-2025) ("the 14th FYP") continues the blueprint of MIC2025, to fully implement the strategy of transforming China into a high-tech industrial powerhouse. During the 14th Five-Year Plan period, the country has mostly focused on cultivating advanced manufacturing clusters and promoting innovative development in industries such as high-end CNC machine tools. (The 14th Five-Years Plan for Intelligent Manufacturing).

The targets for the China Machine Tool sectors set under the 14th FYP are:

1. Research and development: the plan proposes that by 2025, the annual growth of R&D spending in the entire industry will be higher than the 13th Five-Year Plan period.
2. Mid-to-high-end machine tools: the industry should strive for upgrading of the industrial foundation and the overall modernization of the industrial chain.
3. Domestic brands on machine tools and functional components: the sector should be capable of supporting and meeting the needs of domestic economic development for CNC machine tools, cutting tools, CNC systems, and functional components. The aim is to increase the market share of domestic mid-to-high-end product brands.
4. International competitiveness: The plan calls for key machine tool products to catch up and reach the level of international advanced technology. China also aims to cultivate a few brand enterprises and products with independent intellectual property rights and able to compete internationally.

2.1. Tax Support Incentives

Apart from the investment measures indicated in the previous paragraph, China has announced specific tax incentives aimed at fostering growth and development within the industrial machine tool sector.

The Ministry of Finance (MoF) and the State Administration of Taxation (SAT) jointly issued the *Notice on the Additional Value-Added Tax Deduction Policy for Industrial Machinery Enterprises*.

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In details the policy states that starting **from January 1, 2023 to December 31, 2027, for the general value-added tax paying enterprises that produce and sell advanced industrial base machine mainframes, key functional components, and CNC systems, are allowed to deduct an additional 15% of the deductible input tax for the current period to offset the value-added tax payable.**

**Specific requirements for Tax reduction application, will have to be checked with Local Tax authorities.*

3. The Market Demand

Reflecting China's robust demand for mechanical processing, China's machine tool consumption represents a significant 32% of the global market share. This surge in demand aligns with the rapid expansion of the domestic manufacturing sector, which explains China's position as the largest machine tool market globally.

In 2020, China's production of metal-cutting machine tools surged to 446,000 units, a noteworthy 5.9% year-on-year (YoY) growth. Meanwhile, the production of metal-forming machine tools slightly decreased to 202,000 units, marking an 8.6% YoY decline. The year 2021 witnessed a robust revival in production, driven by the ongoing post-pandemic recovery and the gradual enhancement of both domestic and international economic conditions. However, in 2022, amid varying circumstances in the global economy, the machine tool industry faced subdued demand from end-users, producing 572,000 units of metal-cutting machine tools and 183,000 units of metal-forming machine tools.

In 2023, the Chinese machine tool industry experienced a recovery in growth at the beginning of the year. However, due to factors such as international environment, geopolitics, and weak downstream equipment investment, it continued to decline in the second quarter, with a year-on-year decrease in annual revenue and total profit. Driven by the requirements for improving equipment processing quality and efficiency in the military industry, energy, and automobiles, some metal-cutting machine tool market orders have increased.

Due to the significant growth in orders driven by new energy vehicles in the first two years of metal-forming machine tools, the production peaked in 2022. Since 2023, market demand has continuously declined, and orders in hand are still relatively full, but the next stage may enter a downturn. The fluctuation of measuring tools between small increases and decreases reflects that the user field is generally inactive enough. Since 2023, both domestic and international markets have turned cold. With the intensification of vicious competition, prices have significantly decreased, and this sub-industry's operating income and profit have both significantly decreased. In 2023, the machine tool industry achieved a revenue of 1097.4 billion yuan, a year-on-year

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decrease of 10.3%, and a total profit of 113.2 billion yuan, a year-on-year decrease of 35.8%.

3.1. Trends in the Machine Tool Industry: the demand outlook

Looking ahead to 2024, despite many difficulties, the machine tool industry will also face more development opportunities. At the macro level, a strong support the development of the industry, will continue from the Government side and the intensive implementation of various favorable policies in taxation, research and development, and talent cultivation should undoubtedly effectively promote the high-quality development of the machine tool industry.

The transformation and upgrading of various user sectors (such as automobile, aerospace, railway, power, construction) as well the demand for equipment updates and renovations, will also bring new market opportunities to the industry. From a comprehensive perspective, the machine tool industry will continue to recover in 2024. If there are no significant changes in the external environment, it is expected to grow slightly throughout the year.

3.1.1 Automotive Industry

Automotive industry growth is the driving force of the market demand in machine tool industry.

The China Association of Automobile Manufacturers (CAAM) keeps an **optimistic outlook for the automotive market, forecasting continued growth**. National policies are stimulating consumption and promoting high-quality development in the New Energy Vehicle (NEV) industry are expected to enhance market vitality and consumer potential. The growth is expected to exceed 3%.

Cars price wars might decrease profitability levels for foreign OEMs in 2024.

Xiaomi's entry into the automotive market with the SU7, might be able to disrupt the industry by offering advanced technologies at a more accessible price point.

Furthermore, Huawei's recent joint venture with Chang'an confirms a strong interest in the automotive industry by strong "non automobile" players.

The automotive industry suggests a dynamic evolving period ahead, characterized by technological derangements and new strategic alliances which could reshape the competitive landscape.

3.1.2 Other industries (which might drive the future demand for CNC).

Power generation industry

Looking at state-of-art of Chinese energy and power companies, (such as State Grid Corporation of China, China Huadian Corporation, China Nuclear Power Technology Corporation, China Huaneng Group), many sources indicate that they will employ CNC machines to automatize and improve operations in power generation facilities (also in view of power conservation goals). Applications of CMC in this Industry will expand rapidly, for different use.

- ◇ *CNC in hydro power industry.*

Hydropower turbines and generators are huge and consist of hundreds of thousands of components. These components differ in design and size. Regardless of the variation in size, these components must be processed accurately and precisely to ensure seamless assembling. CNC machines are among the key machining technologies that are used in the energy industry to satisfy these requirements.

- ◇ *CNC in difficult-to-machine metals industry.*

CNC machines are compatible with a very large range of materials; therefore manufacturers rely on them to fabricate difficult-to-machine metals found in conventional generators and turbines.

- ◇ *CNC machines in rapid prototyping for new energy research.*

CNC can be used for rapid prototyping the blades and solar panels used in most of new energy research studies. CNC machining, (utilizing a 3D CAD software), can offer fabrication solutions quickly and with high precision.

3.1.3 CNC Machine Tools in growing demand

The CNC machine market has been witnessing constant growth over the past few years. The increasing demand for precision and automation in manufacturing processes helps this growth.

CNC machines have become essential in various industries, including automotive, aerospace, healthcare, and consumer electronics, due to their ability to produce complex parts with high precision and efficiency.

Key Trends and Drivers

1. The integration of artificial intelligence (AI) and the Internet of Things (IoT) in CNC machines is a major trend. These technologies enhance the machines' capabilities for improved accuracy and automated processes.
2. Increased adoption for the sake of upgrading the production facilities.
3. Manifest growth in application industries: the expansion of industries (such as automotive, aerospace, and healthcare) is driving the demand for CNC machines.

Still some **significant challenges** need to be considered:

1. High investment costs: the high cost of advanced CNC machines is a significant barrier for small and medium-sized enterprises (SMEs).
2. Skilled labour shortage: there is a growing need for skilled personnel to operate and maintain advanced CNC machines, and this fact is a challenge in terms of training and labour costs.
3. Overall economic uncertainties, trade wars, and the impact of global events (such as pandemics) can affect the market growth.

Future opportunities

1. Service provision demand: there's a growing trend towards customization and retrofitting of CNC machines, and this is a certain opportunity for specialized service providers.
2. Sustainability: with the growing focus on sustainability, CNC machines that offer energy efficiency and reduced waste will gain popularity.
3. Human resources training: partnerships with educational institutions to train the next generation of CNC operators can create a skilled workforce, benefitting the industry in the long term.

In general, the CNC machine market will grow in 2024 to meet the needs of different industries. While challenges remain, particularly in terms of investment and skilled labor, the opportunities presented by China market, technological innovations, and industry collaborations draw a positive picture for the future of CNC machines. Businesses and investors should remain alert and well informed to make the most of the evolving circumstances.

4. The Industry Regulatory Bodies

The competent authorities for the Machine Tool industry in China are the National Development and Reform Commission (NDRC) and the Ministry of Industry and Information Technology (MIIT). They issue the policies which regulate the industry.

The China Machine Tool & Tool Builders' Association (CMTBA) is the main self-regulatory association of the category, and it is responsible for the following functions in the industry, including:

- Investigating and researching the development direction of the machine tool industry
- Proposing industry development plans and suggestions
- Carrying out industry exchange and networking activities
- Standardizing industry behavior and practices
- Organization of sector seminars and exhibitions
- Leading training courses and upgrading

CMTBA serves also as a bridge and link between the Government, domestic enterprises, and foreign companies in the machine tool industry.

5. Machine Tools Industry Main Exhibitions

Below is a list of machine tool industry exhibitions in the next 12 months, from June 1st, 2024, to May 30th, 2025.

The two major machine tool expos in China are the **China International Machine Tool Show (CIMT)** and the **China CNC Machine Tool Fair (CCMT)**. CIMT is held biennially in Beijing, while CCMT is held biennially in Shanghai.

Both exhibitions cover the full range of machine tools, metalworking equipment, tools, and related technologies. It attracts thousands of exhibitors and hundreds of thousands of visitors from China and abroad.

In addition to the main exhibition, CIMT and CCMT also feature various forums, conferences, and networking events that provide valuable industry insights and networking opportunities.

Both CIMT and CCMT are organized by the China Machine Tool & Tool Builders' Association (CMTBA).

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Apart from the events organized by CMTBA, other sector exhibitions are held in China over the year. A reference list follows.

No	Exhibition	Location	Dates	Scale	Link for more information
1	XME (Xi'an international machine tool exhibition)	Xi'an	Jun 13-16, 2024	500+ exhibitors and 35,000+ visitors.	https://www.expo.cme.cn/xa
2	CIMES (China machine tool & tools exhibition)	Beijing	Jun 17-21, 2024	1,000 + exhibitors from 28 countries will participate, and 100,000+ visitors	https://www.cimes.org.cn/
3	JME (Tianjin international machine tool expo)	Tianjin	Aug 27-30, 2024	700+ exhibitors and 50,000+ visitors.	https://www.expo.cme.cn/tj
4	NME (Ningbo international machine tool expo)	Ningbo	Sep 11-13, 2024	600+ exhibitors and 35,000+ visitors.	https://www.expo.cme.cn/nb
5	YME (Yuhuan international machine tool expo)	Yuhuan	Oct 19-22, 2024	1,000+ exhibitors and 45,000+ visitors.	https://www.expo.cme.cn/yh
6	CHN MACH EXPO-DONG GUAN	Dongguan	Nov 11-14, 2024	1,500 + exhibitors and 130,000+ visitors.	https://www.expo.cme.cn/dg
7	Shanghai international machine tool expo	Shanghai	Mar 3-6, 2025	1,500 + exhibitors and 150,000+ visitors.	https://www.expo.cme.cn/sh
8	Foshan international machine tool exhibition	Foshan	Mar 12-15, 2025	600 + exhibitors and 40,000+ visitors.	https://www.expo.cme.cn/fs
9	TME (Taizhou machine tool exhibition)	Taizhou	Mar 14-16, 2025	800 + exhibitors and 35,000+ visitors.	https://www.expo.cme.cn/tz
10	Suzhou international machine tool exhibition	Suzhou	Mar 19-22, 2025	700 + exhibitors and 70,000+ visitors.	https://www.expo.cme.cn/sz
11	Qingdao international machine tool exhibition	Qingdao	Mar 27-29, 2025	500 + exhibitors and 30,000+ visitors.	https://www.expo.cme.cn/qd
12	China international machine tool show (CIMT)	Beijing	Apr 21-26, 2025	Expect to have more than 2000+ exhibitors	http://www.cimts.com/

6. Trade Exchange in the Machine Tool Industry between Italy and China (January-February 2024)

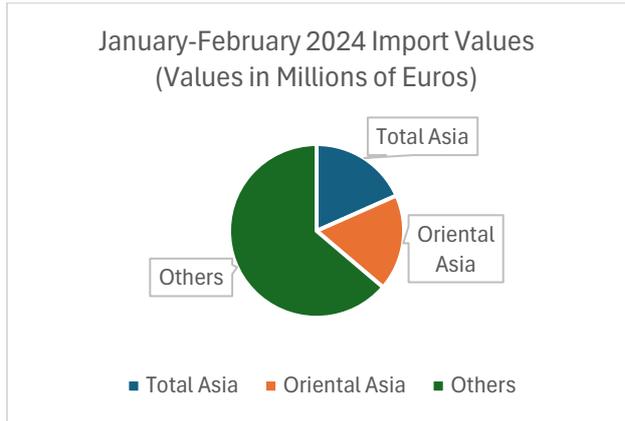
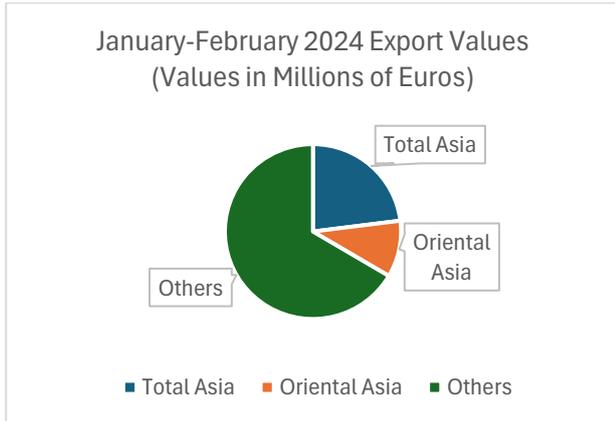
Evident Decrease in Purchasing TNC Machinery from China, -11.9%

- Machinery Tools Trading Per Area, January-February 2024 (Values in Millions of Euros)

	Export			Import		
	Values	% Change In Value	% Of Total	Values	% Change In Value	% Of Total
Total Asia	124	+48%	23%	49.2	-42%	29%

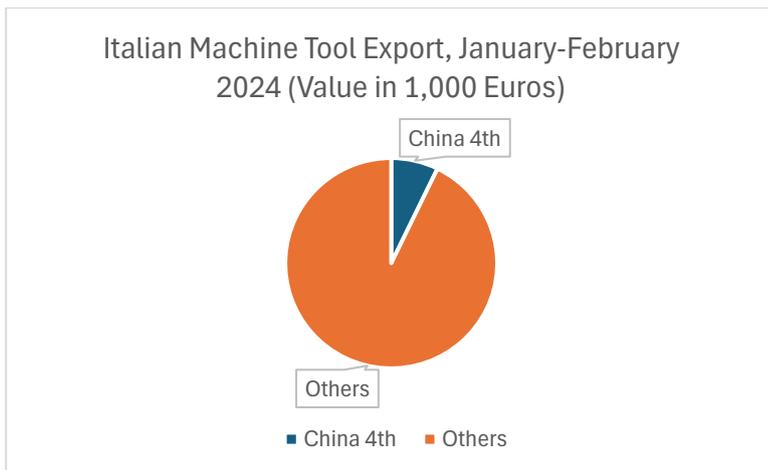
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Oriental Asia	56.4	+37.3%	10.5%	48.2	-41.2%	28.2%
Total	538.8	+9.1%	100%	171.2	-31.1	100%



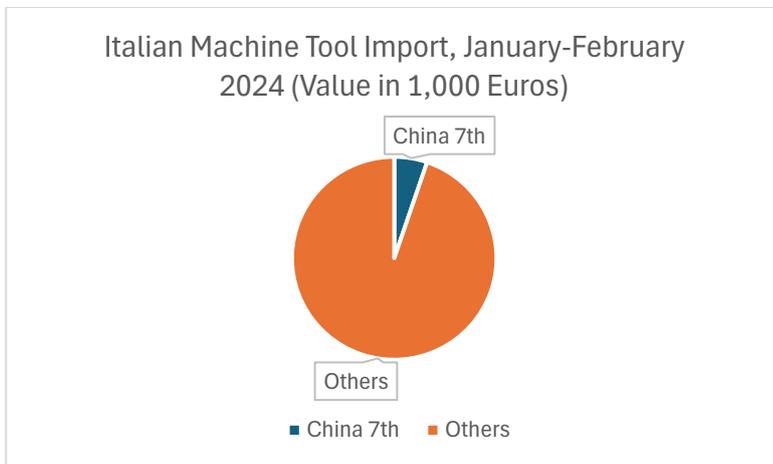
- Italian Machine Tool Export, January-February 2024 (Value in 1,000 Euros)

Rank	2024	Variation% 24/23	% Over The Total
China 4 th	38.768	+12.8%	7.2%
Total Export	538.786	+9.1	100%



- Italian Machine Tool Import, January-February 2024 (Value in 1,000 Euros)

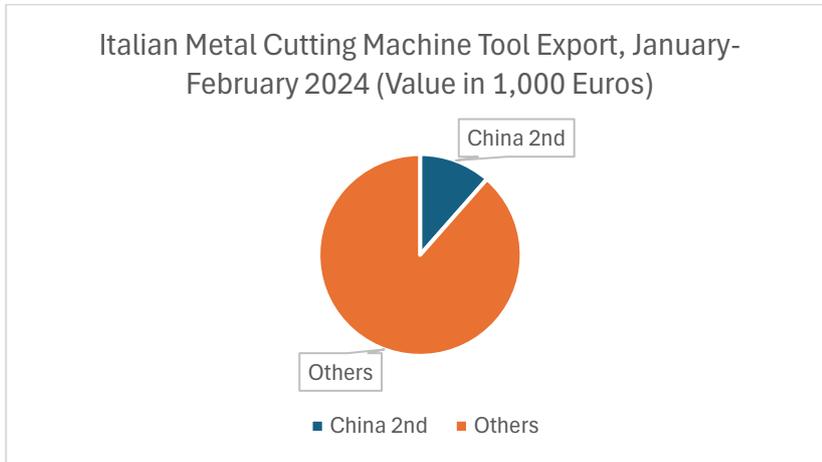
Rank	2024	Variation% 24/23	% Over The Total
China 7 th	8.919	-25.3%	5.2%
Total Import	171.238	-31.1%	100%



- Italian Metal Cutting Machine Tool Export, January-February 2024 (Value in 1,000 Euros)

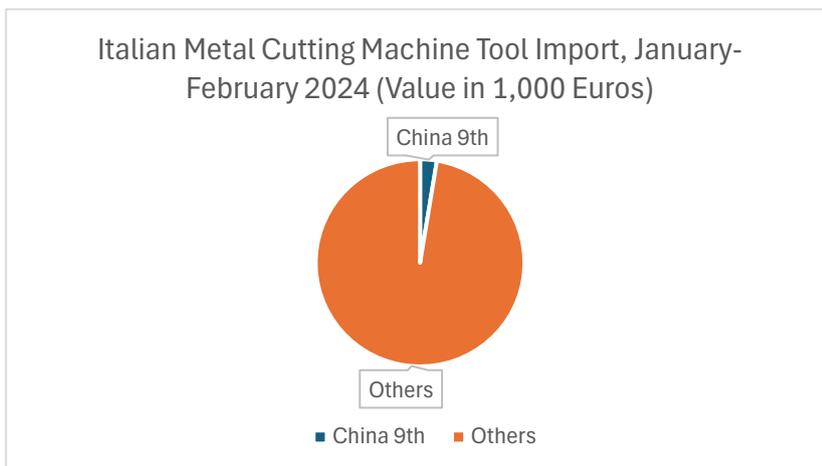
Rank	2024	Variation% 24/23	% Over The Total
China 2 nd	27.059	-2.3%	11.4%
Total Export	236.578	+3.6%	100%

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- Italian Metal Cutting Machine Tool Import, January-February 2024 (Value in 1,000 Euros)

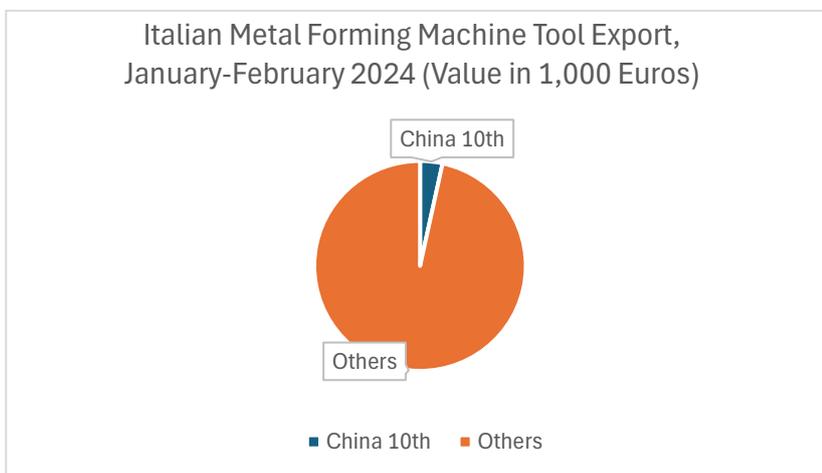
Rank	2024	Variation% 24/23	% Over The Total
China 9 th	3.180	-14.6%	2.6%
Total Import	122.900	-24.9	100%



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- Italian Metal Forming Machine Tool Export, January-February 2024 (Value in 1,000 Euros)

Rank	2024	Variation% 24/23	% Over The Total
China 10 th	8.341	+161.1%	3.4%
Total Export	243.897	+14.8%	100%

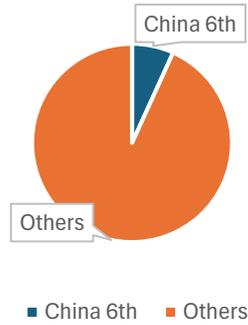


- Italian Metal Forming Machine Tool Import, January-February 2024 (Value in 1,000 Euros)

Rank	2024	Variation% 24/23	% Over The Total
China 6 th	1.694	-53.2%	6.8%
Total Import	25.097	-46.1%	100%

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Italian Metal Forming Machine Tool Import, January-February 2024 (Value in 1,000 Euros)



- Italian Non-Conventional Technology Machine Tool Export, January-February 2024 (Value in 1,000 Euros)

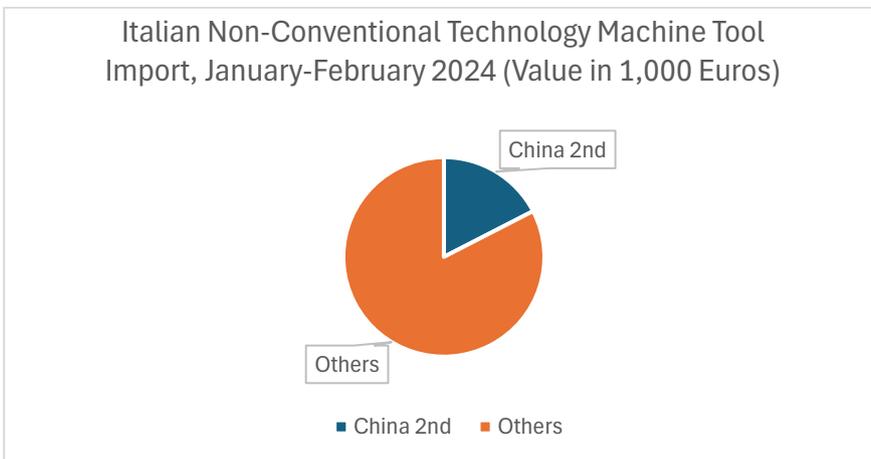
Rank	2024	Variation% 24/23	% Over The Total
China 5 th	3.369	-2.9%	5.8%
Total Export	58.311	+10.0%	100%

Italian Non-Conventional Technology Machine Tool Export, January-February 2024 (Value in 1,000 Euros)



- Italian Non-Conventional Technology Machine Tool Import, January-February 2024 (Value in 1,000 Euros)

Rank	2024	Variation% 24/23	% Over The Total
China 2 nd	4.045	-11.9%	17.4%
Total Import	23.241	-39.2%	100%



Source: ISTAT.it

7. Industry news

Highlights on CCMT 2024

CCMT, after being suspended for two sessions due to the pandemic, was back on April 8-12, 2024, at Shanghai New International Expo Center (SNIEC), organized by China Machine Tools & Tool Builder Association. This year's fair has utilized all 17 indoor exhibition halls of the Shanghai New International Expo Centre, covering an unprecedented total area of 200,000 square meters, definitively the largest specialized machine tool exhibition in domestic and Asian history.

The theme for CCMT2024, "Focus on — Digitalization, Interconnection, and Intelligent Manufacturing", aimed to highlight the forefront of global innovation in machine tools, showcasing cutting-edge products, technologies, processes, and the latest

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achievements in digital and smart integration. The event was poised to present a comprehensive overview of the current state and prospects of intelligent manufacturing.

More than 1200 Companies attended the exhibition from 20 different Countries.

It is estimated that more than 200,000 trade visitors convened at the Show. Around 25 Italian Companies attended the show, demonstrating the high specialization and technology level of the Italian machine tool industry. Italy, as well as other 10 countries, organized a "Country pavilion" of more than 800 sqm and hosted different technical seminars.

(Source: ccmtshow)

8. Tenders and bids in China

<p>The procurement of wind turbine units and ancillary equipment for the yakniushan wind power - international bidding announcement</p> <p>Required by China Investment Consulting Co., Ltd.</p> <p>Action deadline: May 28th, 2024</p>
<p>Nac small engine production line technical transformation project - crankshaft dynamic balancing machine tool - international bidding announcement</p> <p>Required by Nanjing Automobile Group Co., Ltd. China</p> <p>Action deadline: June 25th, 2024</p>
<p>Nanjing automobile small engine production line technical transformation project - gs6 phase iii cylinder headline valve seat guide assembly (special machine tool project) - international bidding announcement</p> <p>Required by Nanjing Automobile Group Co., Ltd. China</p> <p>Action deadline: June 25th, 2024</p>
<p>Zhongke energy storage zhangjiakou equipment manufacturing co., ltd. cnc edm machine tool procurement - international bidding announcement</p> <p>Required by Zhongke Energy Storage Zhangjiakou Equipment Manufacturing Co., Ltd.</p>



ITALIAN TRADE AGENCY

ICE - Italian Trade Commission

Trade Promotion Office of the Italian Embassy

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Action deadline: June 28th, 2024
Nac small engine production line technical transformation project - crankshaft polishing machine tool - international bidding announcement Required by Nanjing Automobile Group Co., Ltd. Action deadline: July 2nd, 2024
Procurement of 0664-2440sumecf69 complex tool industry chain strengthening chain supplement chain empowerment and improvement technology transformation project - cnc gear turning machine Required by Hanjiang Tool Co.,Ltd Action deadline: July 4th, 2024
Complex tool industry chain strengthening, supplementing, empowering and improving technology transformation project - cnc gear turning machine - international bidding announcement Required by Hanjiang Tools Co., Ltd. Action deadline: July 4th, 2024
Cnc tool grinding machine procurement project - international tender announcement Required by Jinzhou Precision Technology (Kunshan) Co., Ltd. Action deadline: July 9th, 2024