

M Factory 391

Chapter 391: Upgrading soon

When the HD camera was turned on by Master Juli and the robot's start button was turned on by Ye Qing, a curved led indicator light was illuminated from the head of the robot and after about half a minute, the robot has started.

"Robot connected successfully... Self-testing is normal and works."

Ye Qing is wearing panoramic glasses found that the picture in front of him was slightly clearer than his own picture and was an intelligent data picture. On the screen, there was a virtual grid in front of the robot. The user could use this virtual grid similar to the reverse image to determine the distance between the robot and the object. At the same time, there were harmful gas display meters and an air humidity indicator and a temperature display meter.

Without any unconscionable ideas, Ye Qing generously admitted that Amano Heavy Industries' product, in terms of auxiliary functions did better than of the Monster Heavy Industries.

Only a mobile phone-sized motherboard was needed, and this information could be easily integrated into the panoramic display of its explorer robot. Furthermore, its price was very cheap. In front of the increasingly mature electronic information technology, he could add these functions without any difficulty. He didn't do it before because he didn't have to advance the time to not grab the stage of the release of Xu Ninggong's new movie.

The robot is a bar of gold even if it was made of copper, in the end, it depends on its power system.

Knowing the new R&D production department has been designing auxiliary human-machine interaction functions and while thinking about it, Ye Qing quickly waved his hands. The robot immediately followed "click - click ~" and Ye Qing continued doing various actions to test its coordination. After two minutes, he had clearly felt that the manipulator still has the shortcomings of the traditional manipulator during the movement.

A fast cutting machine in the corner of the workshop became the target of his experiment. He operated this robot and slowly drive to the cutting machine, controlled it to pick up a standard 303 aluminum profile, and fed it under the cutting machine for cutting. He found some difficulty...

The three-claw grasping design made him unable to hold a hand gesture like his own product. The aluminum profile was caught several times before it was successfully clamped and fed under the cutting machine.

After experimenting with several functions, he finally let the Master Craftsman remove the protective shell of the all-around robot to study the internal structure.

The hydraulic servo motor was different from the customized product of the Monster Heavy Industry. The hydraulic and electric devices in this robot were all mass-production available models on the market. But when it comes to the movement structure, it was more and more similar to the design of the Mechanical Colossus Type I arm, this is well revealing and the automatic tool replacement design was exactly the same as its Mechanical Colossus Type I. There was also universal joints at mechanical joints.

Humans have joint surfaces plus ligaments to control bone movement and the machine has a universal joint, and a brace added to control the movement of the robot arm.

This was also one of the great difficulties of the robotic arm. A universal joint of the Monster Heavy Industry could precisely move at two hundred and forty degrees. The gimbal of this robot could be disassembled. After reading it, Master Jing told Ye Qing that it could only locate 96 degrees.

The fewer the nodes, the more rigid the movement of the natural robotic arm and the manufacturing difficulty are not the same and the cost price is linearly reduced. There are also struts, and the number here is also greatly reduced.

Amano Heavy Industries, either failed to manufacture the most technically difficult mechanical finger or wanted to compress the cost and changed it to a very simply three-claw type.

Compared with the Monster Heavy Industry, the gap between these two robots was obvious.

In actual operation, this point is also proved. Before Ye Qing controlled this robot, when doing some simple machining actions, he couldn't find the feeling of being driven by an arm. He had to slow down greatly and finish it little by little.

After the robot was completely disassembled, Ye Qing photographed the robot [Almighty] with a three-dimensional camera and then the Master Craftsman assembled it.

In all fairness, this robot is still far from the explorer robot in terms of a motion system. But this gap is not the gap between 0 and 1 in other terms. But the gap between 60 and 90.

Amano Heavy Industry was able to mass-produce a simplified version of the Mechanical Colossus Type I arm in a short time since it is worthy to rely on An Qi Heavy Industry, an industrial robot giant to produce this type of robot.

In the evening, the dispatched employees sent out had continuously sent back one after another news to the chemical industry about industrial equipment dealers in the two nearby provinces. It was like Ye Qing has guessed; this all-round robot secretly squeezed the explorer robot's sales to nearly half within a few days. Many functions, cheap price was only one aspect.

Through a preliminary investigation, he found that the reason why this robot really quietly squeezed out its product share was Amano Heavy Industries, which has established a huge product sales network with An Qi Heavy Industries.

Although An Qi Heavy Industries was abroad, it had occupied the first throne of industrial robots for decades, and its products have covered monopoly oligarchs in almost all industrial countries in the world. Their agents and distributors are everywhere in the country, but it is not too simple to promote new products.

Ye Qing doesn't have a taste in his heart. This robot is not like the electric car that was painted before and completely copied. In addition to the core power structure imitating the Mechanical Colossus Type I, the rest try to be different from the explorer.

Ye Qing was angry among the An Qi Heavy Industry, which is a terrible sales network worldwide.

In the beginning, his subsidiary Amano Heavy Industries came to see him and said he can help promote the Mechanical Colossus Type I globally. Now that they have similar products, they can sell the products to the world in a short time.

Now that the explorer robot can't keep the domestic market, what can say to get out to the world?

Although the explorer didn't have these functions, it has several grades better than the all-around model launched by Amano Heavy Industries. When the product R & D department will add these technical simple auxiliary functions, the domestic market will be able to be snatched back after a short time. But until that time, the products would be sold all over the world, and the profits would be lost.

"So, let's use technology and technology to compete and see who can laugh to the end." Ye Qing was angry at the same time, also raised a high spirit of fighting. This fighting spirit gave Ye Qing a feeling of blood boiling.

Yes!

Since he wanted to have the number, one technology factory in the world, how could it be smooth sailing, how can other established factories catch its market share being eaten up, and watch himself pulled down?

Then show your magical powers and see who has the greatest ability.

"Boom~Boom~"

Outside the workshop, there was a deep and heavy noise. This voice lifted Ye Qing's spirit and immediately walked out of the workshop to the transit warehouse. On the way, he could clearly see that on the distant Huanhai Avenue, a long black heavy truck roared. This was a fleet of Volvo 750's top-heavy trucks. Behind each heavy truck was a section of automatic leveling containers carrying a five-axis machining center that Ye Qing spent heavily on ordering it.

Today, these batches of processing centers will allow Monster Heavy Factory to take the tenth place in Jiangnan province's manufacturing industry and after winning the tenth, Monster Heavy Factory would be advanced to a brand-new fifth stage.

Chapter 392: Legendary Hero Monster

At ten o'clock in the evening, Ye Qing walked through the fence of the factory that had been preserved and walked to the barren mountains to the west where there was a steep rock, under it, there was a dark passageway inlaid with heavy metal frames. The monsters have drilled it and supported it with metal frames, and the passage could accommodate two cars. There was a scaly monster like a prehistoric beast just at the entering, Ye Qing passed with it through this passage. After walking across the long passage, the vision in front of him suddenly opened up.

A huge base with bright lights appeared in front of him. The base was completely buried in the ground, and the surrounding rocks were wrapped in steel plates, and a long ladder was welded on the steel plates. Going down the stairs to the bottom of the base Ye Qing looked at the north end of the smelting center. The piece seemed to be measured with the most precise ruler, and it was neatly fixed to the massive five-axis center on the steel structure floor. Even though it wasn't the first time Ye Qing, saw it, and she was still surging.

Most of these five-axis machining centers were in operation. Those who arrived in the evening were being transported here one by one by the angry miners. Whenever a five-axis center was installed and the power is turned on, the monster factory manufacturing index in Ye Qing's mobile phone increases slightly.

In the distance ranking, the tenth place of China Pacific Steel Group only has a gap of 90,000 manufacturing scores. Half an hour later, the manufacturing score was reduced to 50,000.

Ye Qing stood aside, with great expectation, waiting for the voice to come saying "The fifth stage!"

Ye Qing's long-awaited and long-sought-after objective for a whole new technology, new monsters, and a doubling of the recruitment quota. One hundred and sixty monsters could be recruited, and the Lord Chariot would also be upgraded.

Since exploring the underground river structure hundreds of meters deep in the building, the Lord Chariot, the size of a deep-sea submersible has been staying in the river as an underwater excavator widening those narrow passages to form an extensive underwater transportation network.

Ye Qing didn't know what the Lord's Chariot would look like when it is upgraded again, and what functions will be added?

Ye Qing felt a little uneasy in her heart, and a few hopes.

When there was only a gap of more than 500 points from China Pacific Steel Group, this nervous expectation became stronger when he watched the brand new five-axis machining center would be fixed on the steel floor and turned on.

With both hands firmly holding the monster factory mobile phone, on the manufacturing rankings, the monster factory data jumped surpassing China Pacific Steel and becoming the tenth place in Jiangnan Province.

The original thumbnail interface of Longxi Beach was changed in an instant. The interface becomes dim and misty, like a swirling nest in the blue ocean is spinning rapidly.

"Congratulations! At this time, the Monster Heavy Factory has become a shining new star in the industrial field, and it has brought surprising changes to the industrial market."

"Congratulations, you defeated many opponents and finally reached the factory upgrade requirements of the fourth and fifth stages."

"Upgrading to step five will open a new national ranking list. It will also open up more technical information and new legendary hero monsters. Since you have upgraded the Monster Heavy Factory to the top ten in the provincial ranking, you can make full use of these technologies to start the next new step."

"The system is being upgraded..."

Looking at the screen on the phone and changing it into a progress bar similar to updating the system, Ye Qing made a ripple of surprise.

From past experience, every time the system is upgraded, the blessing words and introductions are almost the same. But this time, after opening more technological information, a new legendary hero monster was added. What does it mean?

In the past, monsters used workers, experts, and masters as suffixes. These are also common names in large factories.

Legendary hero, if he only understood it literally. It should be that the monster's ability is far ahead of ordinary monsters and has special abilities that couldn't be copied.

"Sure enough ~ I know that the fifth stage will not be that simple." Taking a deep breath, Ye Qing quietly waited for the arrival of the fifth stage.

As a result, at eleven o'clock, the system progressed to 20%. It seems like it will last all of the night...

The update time is much longer than before. Ye Qing planned to go to bed and study the new fifth stage the next day.

He went to shower before sleeping and after washing, Ye Qing received a new message via WeChat.

"Mr. Ye, have you slept?" The news came from Yun Shi.

What's the situation? In the middle of the night, a young and beautiful female employee of the company sends WeChat to him, which obviously means chatting. Isn't it?

Ye Qing thought this way, so he made an expression of anger by clapping his hand: "Do you know that it is a serious matter to disturb the president's rest?"

Yun Shi returned a cold sweat expression, "Mr. Ye, I suddenly think of an important thing. Isn't tomorrow a payday? I lost my bank card and reported it. Because this card is extracted in Suzhou, it can't be reissued in Shanghai. Wages will be paid tomorrow, can you ask the finance department to pay me cash just this time?"

"What is this mess, just run and say this in the middle of the night?"

"I'm sorry, Mr. Ye, I... I don't have a dime on me. The money card can't be used for the time being. I asked the old employees. They said that the finance department would start to pay the employees in the morning... "

"Okay, I know. I will send a message to the finance manager tomorrow morning."

"If there will be such a mess next time. I would like to trouble your self to report it to me during working hours? Or you can go directly to the finance office to explain the situation?"

At the end of the chat, Yun Shi in the company's employee dormitory casually left the phone aside and deflated. In the beginning, she asked herself, what kind of god? What kind of heroic liver? Courageous, hottest intestines, all boasted. Now the tone is cold like ice. Sitting in the quilt, Yun Shi continued to use his hands on the laptop, quickly spitting out lines of incomprehensible code symbols.

There were also three female colleagues in the dormitory. Not long ago, they were discussing what they would buy when they were paid tomorrow. Yun Shi, who is focused on the new code, suddenly

remembered that she filled in the bank card number when she has joined the job. But this card number can only be used to help him pass the entry formalities successfully and cannot really let him pay for himself on this card number.

Yun Shi was busy until four o'clock in the morning before closing this excellent notebook. At this time, Ye Qing was sleeping sweetly in the Longxitan factory. After two minutes, the progress bar of the Monster Heavy Factory mobile phone held in his hand finally rose from 99% to 100.

"Beep... Beep ~ Upgrade completed!"

Then this fantasy phone without any seams began to bloom a dreamy blue light. The blue light, which is like a dream is not as dazzling as if the sunlight refracted through the seafloor, and the ray of light is rippling in the lounge. When the blue light dissipated, Ye Qing also brushed the floor and opened her eyes.

"The fifth stage of the upgrade is complete, and the national rankings are open. I hope that users will continue to work hard and move towards the sixth stage as soon as possible."

"Legendary Hero. Recruitment 0/1."

Chapter 393: You have the skills to hang the world

"Legendary Hero... Electro-crystalline. Recruitment 0/1."

Suddenly, all the sleepiness in Ye Qing's mind disappeared. It turned out to be a hero with a name and sounded very emotional. Regardless of studying the new changes, Ye Qing quickly opened the recruitment column to recruit this legendary hero. Sure enough, in this recruitment column, the number of recruits became 160, not to mention, there were two more monsters that could be recruited. Among them, the so-called Electro-crystalline is ranked first.

Electro-crystalline: A strange beast from an unknown place. It has a special body between carbon-based creatures and silicon-based creatures. It can devour natural single crystals to grow, and that means having unlimited possibilities.

Such a powerful introduction made Ye Qing's blood boil. "If you are not in a hurry to read the introduction below, click Recruitment immediately."

"Recruitment failed!"

Recruitment requirements: One hundred thousand gold coins, one-piece of two hundred grams pure natural elemental carbon allotrope.

One hundred thousand gold coins that are ten million, this money Ye Qing also comes out a hundred times, but two hundred grams pure natural single crystal carbon allotrope?

What is this single-crystal carbon allotrope, it must be pure and natural?

Single crystal, Ye Qing knew that one of the most cutting-edge technologies in industrial metallurgy is the single crystal blade on the turbofan. But this is synthetic, not carbon. Like graphene, it is a single crystal carbon element, but it is also artificially synthesized.

Natural single crystals and non-metallic single crystals can only be a variety of natural minerals, but Ye Qing didn't know much about natural minerals, and two hundred grams doesn't sound like much, as long as it can be bought with money, it will be easy to solve.

Ye Qing was afraid the natural reserves were extremely small, and the weight of two hundred grams can make an extremely rare ore in the mineral industry. He couldn't help but want to learn more, so as to recruit this Legendary Hero. He hastened to log in to an authoritative mineral information website that required payment to check what is the pure natural elemental carbon allotrope.

Judging from the name, this is indeed very consistent with the biological and non-biological characteristics of the crystal.

The query result came out quickly, and Ye Qing also printed it out. But the query results made him show such a depressed expression, and he was speechless for a long time.

Elemental carbon allotropes are a variety of expressions of carbon. The same element, but different molecular structures and two completely different materials. The synthetic elemental carbon elements include graphene, silicon crystal plates, carbon nanotubes, etc. In addition to graphene, everything else is rich and can be bought in large quantities, but the Monster Heavy Factory is limited to natural minerals. Diamond, blue silkstone.

The former is a diamond, and the latter is a special kind of diamond produced by a meteorite hitting the earth. It is rarer than the record of picking up 10 kilograms of dog's head gold found in the wild.

The depression came back again, see here, quietly relieved Ye Qing still breathed a sigh of relief. Diamond is a very important industrial material in the industry, and he has also dealt with it several times. It was only that it had been artificially synthesized before and Ye Qing didn't expect diamonds to also be natural elemental carbon allotropes.

Two hundred grams of natural diamonds.

Since the weight appeared for Ye Qing, he has started to check the news about the rare natural diamonds that have been found in Africa. What appears to be news on each piece of two hundred grams or more and after checking the news, he felt more at ease. Although the top ten big diamonds are either on the Queen's scepter or on the Queen's crown or in the pavilions of well-known jewelers. The top ten finished diamonds in the world which weighed 200 grams or more than 200 grams weighed more when they are unpolished into precious stones.

For a rough diamond, if you want to process it into a gemstone, you often have to cut it in two or even more than twice the weight to process a dazzling and beautiful shape.

The original stone is not too expensive, it seems that what was written in the previous news, it is worth a few hundred million Yuan. This is still a valuation. Natural diamonds are not much better for industrial use than synthetic ones.

Bill Gates is reluctant to do this such a prodigal thing just to be beautiful in spending hundreds of millions of dollars to buy a diamond. So, for such value, all that's left is to haggle over the jeweler's own increased price and negotiate with it.

At dawn, Ye Qing inquired about the rough diamonds. Then, he charged 200 million Yuan into the system in one breath, increasing the number of gold coins by two million. Then he chose to recruit another brand-new monster that does not need diamonds the "Electronic Messenger".

Electronic Messenger: Combat Power 2.

Good at electronic technology, with it, users can march towards the electronics industry.

In a short sentence, Ye Qing felt a sense of seeing the moon and touching it.

At last...

Finally, for the Monster Heavy Factory, the shortcomings in the electronics industry would be solved.

If machinery is the cornerstone of the industry, then electronic technology is the soul of the industry.

In the 21st century, the most profitable companies will always be electronic technology companies. The most inseparable product in people's lives is also electronic technology.

When the white mist in front of Ye Qing gradually disappeared, two monsters with a height of 1.5 meters with blue skin appeared in front of him. Their ears are a little sharp, and there are white lines like circuit diagrams or totems on their faces. Their fingers are slender and their faces look young and kind.

"Hello, boss." The two Electronic Messengers said hello and received a gift from Ye Qing. He gave them a disguise work clothes and put on work clothes. They look more pleasing, like a very ordinary college student with a sulky expression on his face, a face of a person that has not yet entered the society.

Ye Qing circled around them and nodded with satisfaction. With their joining, not only they could make up for the factory's manufacturing shortcomings but they could also give a better role with their disguise making the employees in the factory look more natural.

Ye Qing waved his hands and let them wait aside, and he focused on the changes of the Monster Heavy Factory in the fifth stage. There would be too many changes. First of all, in the props mall, the best small processing equipment of excellent quality is already available and some new products have been added. There were also four types of drawings in the drawing shop.

Seeing there were lottery qualifications in the mall, Ye Qing quickly ordered to confirm the lottery.

A spinning disk popped up on the screen and any of the drawings above, not only Ye Qing saw the drool, but the Master Craftsmen and Master Metal Experts outside looked at it and they could definitely make the saliva flow into a waterfall. The turntable slowly stopped, and the name of the drawing above made his heart almost jump out of the body.

"Ding~"

"Congratulations, you have extracted [Fantasy Display] technology. With it, you can hang all display technologies."

This was more than a surprise. It is simply how Liu Bang and Sun Quan are worried about resisting the Cao Cao fleet and seizing Jingzhou. Zhuge Liang set fire to the Chibi without using it and directly moved the Dongfeng 26 anti-ship ballistic missile.

Ye Qing was assured of the black technology of the monster factory. Now the monster factory directly tells Ye Qing that you have the technology to hang the LCD panel industry all over the world.

He bought all the remaining four black technology drawings in one breath. He was so excited that he didn't find anything to do. He felt so sorry for himself, who was planted in a monster factory.

As a result, he took his cell phone and called all the managers in the company: "Major meeting, the company will gather in half an hour."

Chapter 394: New development direction

At five o'clock in the morning, Ye Qing called to the meeting. The managers really thought that something important happened and it only took fifteen minutes for them to get to the company.

Ye Qing let Juli drive and sat in the back seat to study the fifth stage of the Monster Heavy Factory. The managers waiting at the door for twenty minutes in the company nodded to him when he came and then walked into the office together.

The atmosphere in the conference room is a little dignified. After all, an emergency meeting is held at 5 am, most of the time something serious happened. When Ye Qing sat, the managers suddenly realized that the plot seemed different from what they had imagined.

"Immediately send someone to contact major jewelers, including international jewelry brands. Ask about diamonds over 200 grams, whether finished or rough. Remember, any jeweler has a diamond over two hundred grams, tell me immediately."

"Boss... Are you going proposing to Bai Dour?" The managers widened their eyes and looked at Ye Qing in disbelief.

"Two hundred grams of diamonds?"

"Doesn't it have to be as big as an egg, oh my god, how much does it cost does the boss want to make headlines on international news?"

Ye Qing, who was drinking tea, almost spouted water and coughed: "Industrial affairs, the factory is working on a device. A transparent single crystal is needed. I am going using natural diamonds instead."

The managers nodded suddenly and recorded the message.

"The next step is to adjust the company's business plan." Ye Qing proudly said: "Although we have achieved unimaginable achievements in the traditional industrial field. But in terms of electronic technology, there is still a blank. The twenty-first century is a century of electronics and networking. Only electronic products can reach the hands of ordinary users the most. Within two days, I want to see a comprehensive survey report on the LCD panel in the international market."

"Boss, are we going to enter the LCD panel industry next?" Said Yang Baihe, the manager of the propaganda department, and responsible for the company's external publicity. If Ye qing wanted to get involved in the panel industry, her department will start to propagate in this regard.

"Not really." Ye Qing said from his chair: "Next step, we prepare ourselves to enter the mobile phone manufacturing industry. The staff in the factory has made breakthroughs in the technology of LCD

panels. However, it is no different from simply manufacturing a panel but a factory that masters key technologies, not manufacturing cars but only manufacturing engines to sell to others."

This time the talk is endless, and mobile phone manufacturing is completely different from the company's original business. They are also two completely unrelated technical majors like the production of the screen, battery, processor, system.

This is the core element of competition in mobile phones. If you want to get a slice of the most competitive mobile phone market, you can't rely on screen technology alone as Samsung, Apple, Huawei, Xiaomi... do.

Although Samsung was caught in a product crisis because of serious design flaws in the new phone. But its strength in mobile-phone technology is no weaker than Apple.

The managers doubted of this, Ye Qing also considered on the way about this. Judging from the current strength of Monster Heavy Industry, even if huge amounts of money are invested in production equipment and mobile-phone products are put on the market and there are no good results in the early stage. Even if mobile phones couldn't be sold, it wouldn't harm the Monster Heavy Industry.

The fixed investment equipment is there, and the Monster Heavy Factory could fully supply this equipment without spending any money. Another point, the legendary hero Electro-crystalline has yet been unrecruited, and Ye Qing had confidence in it.

For nothing else, it only takes 100,000 gold coins and two hundred grams of diamonds to have it.

The meeting was held until nine o'clock in the morning. In addition to determining the company's goals for the next stage and the employee recruitment plan for electronic technology, Ye Qing also initially determined a set of acquisition plans for domestic mobile-phone manufacturers.

To make a mobile phone is not to pat the head with money.

"Production License", "Network Access License of the Ministry of Industry and Information Technology", "3C Certificate", "Model and approval certificate" and so on numerous certificates. If the company had done these certificates which were taking a long time, and after the equipment is ready. The domestic mobile-phone manufacturer solved all the problems.

There are many unknown cell phone manufacturers in China. Ye Qing intended to find and acquire one nearby and then move the plant to Shanghai city.

Before leaving, Ye Qing called the manager of the finance department and asked him to give Yun Shi's salary in cash.

"I asked the accountant to start sending wages during the first shift, and I don't know if he was sent to Yun Shi." Said the director of the financial department and left in a hurry.

Ye Qing is preparing to call Yun Shi and let her come over to make a pot of tea for him, but as soon as the phone came out, the bell rang.

The phone call was from Professor Cai Chenning. He told Ye Qing that today is the last day of the technical exchange between Japan University of Science and Technology and they will head to Shanghai

Airport early tomorrow morning and in accordance with established practice before they leave, Shanghai University will also send a gift.

The return gift to the Japan University of Science and Technology was made yesterday.

Declining the request of Professor Cai Chenning to come and pick it up personally, Ye Qing said he will take the gift with him and take a look at the wonderful expressions of those at the Japan University of Science and Technology.

"Mr. Ye ~ what kind of gift is it? I will blow it to the Japan University of Science and Technology's ear first so that they have a psychological preparation. Don't blame us for not informing you in advance when losing in the evening." Professor Cai Chenning's face was even with a smile. In recent days, the communication with Japan University of Science and Technology and Shanghai University still wins more than loses.

This was originally normal, and it was okay to hold academic exchanges together, even if you lost.

Just like the chemistry exchange meeting held with Boggs University in the United Kingdom the year before, students from the two countries happily learned from each other. You show your strengths, and we show our strengths and everyone makes up for the shortcomings together. But the students and teachers of Japan University of Science and Technology were all high-spirited. Every time they won a game and seemed to win a battle.

Since they were holding a decisive attitude with arrogance, Shanghai University naturally couldn't let them laugh and take an indifferent attitude.

At seven in the afternoon, Ye Qing returned to Longxi Beach and took the iron ruler which took a few days for the Master Craftsman Qiao, and much cutting-edge industrial equipment in the factory, to Shanghai University.

The iron ruler was housed in a sealed transparent glass box, and it was dark and looked ordinary. It represented the top-level industrial technology of Monster Heavy Industries.

The surface of the mirror-like black iron ruler didn't seem to have anything, but if you tilt it slightly at a 45-degree angle, you'll find the original surface like a mirror revealing four Chinese characters in italics. These four words seemed to use the unimaginable power of human beings, and they were chiseled into the iron ruler.

When Ye Qing entered the campus with the iron ruler in a sealed glass box, he was a little surprised to find he couldn't see any figure on the campus, it was just as deserted as it was on holiday. It was abnormal, today is Tuesday. It turned out that it was the time of entry to the school and it was the peak period for the students to enter and leave.

In the security room at the door, two security guards held their phones intently, until Ye Qing knocked on the glass window they froze for a moment.

"Mr. Ye?" The two security guards quickly got up and apologized: "Sorry ~ Sorry, Mr. Ye, we are watching the live broadcast, and we didn't notice you coming."

"Today is a holiday?" Ye Qing pointed to the deserted courtyard: "Why can't I see the students?"

"We are watching the live broadcast, don't you know Mr. Ye?"

Chapter 395: The extraordinary iron ruler

"We are watching the live broadcast; don't you know Mr. Ye?"

The answers of the two security guards made Ye Qing somehow inexplicable. What kind of live broadcast which all the students of the school watch together?

"There is a live broadcast in the multimedia center to give a gift to the Japan University of Science and Technology." The security guards raised their phones: "The day before yesterday you overcame the problems of the Japan University. Professor Cai Chenning invited them to come at the same time and the same place tonight to give them a gift."

Ye Qing certainly knew the time and place, but the students who didn't know there were good things started live broadcasting with professional cameras.

In fact, not only the students of Shanghai University but also several students from nearby universities came to watch. An academic exchange will be held with the Japan University of Science and Technology. As a result, people gave a nut to let Shanghai University get a screw. It happened to be this screw stumped them for three days. But now that Shanghai University is returning, how can students not be curious or excited?

In the multimedia center, the hall was full of people. It was still more than ten minutes before the beginning, and now the representatives of the two schools were sitting on the podium, squinting at each other. The accompanying students kept guessing what Shanghai University is preparing to give?

"It doesn't matter what we send. The main thing was to send and complicate things for the University of Japan."

"I'm also from the Department of Mechanical Engineering, but thinking about it, I can't think of anything in the industrial field that they can't do."

In the audience, a less optimistic classmate whispered, "Look at these guys on the stage. They're all very arrogant in their eyes."

Following the eyes of the students, all the delegation of the Japanese University of Technology who were present did indeed look at the sky at an angle of 45 degrees.

"Send an iron ruler?!"

When Professor Kobayashi heard Professor Cai saying he was going to send them an iron ruler in return, he almost couldn't help smiling. Due to the similarity of the cultures of the two countries, especially in ancient times, the Chinese civilization was learned by them in all aspects. So whether in China or in their country.

The meaning represented by the iron ruler is the same.

In ancient times, the iron ruler was something that taught people. Whether it is the iron ruler in the hand of catching fast or the training ruler in the hand of private teachers. Now Shanghai University offers an iron ruler. Of course, Kobayashi will teach the students about the association with teachers.

This is a joke... In a moment, let everyone at Shanghai University understand who is the teacher and who is the student!

"Professor Cai, do you think the gift from your school is in line with our exchange proposition?"

Professor Cai Chenning glanced at the Seiko Minute Repeater mechanical watch on his wrist, and looked at Professor Kobayashi who was about to make a speech: "Gifts not only represent moral but also represent the highest industrial level summary between our two schools."

"Is your school giving such a gift too reckless?"

With recklessness, Professor Cai Chenning quickly waved his hand and made a kind expression as if he said above all not to overinterpret it: "The gifts we send are also our highest industrial level summary. With the technology reached, how can we be reckless?"

Before this started, there was a strong smell of gunpowder. The accompanying students were all looking forward to the gift.

So nervous! Ye Qing walked at random, greeted the eyes of all the teachers and students and walked towards the stairs, and got up to the podium. The student in charge of live video shooting swiped the focal length of the camera and hit the long-sealed glass box in Ye Qing's hands.

"The gift we will give to your school is here." Professor Cai Chenning quickly stood up, and there was a vacant next to him, which was reserved for Ye Qing. Ye Qing nodded and sat on the chair with the gift in hands.

The male students following the scene caught fire, and the female students, a glowing cloud burst into their faces.

"Send an iron ruler?"

They immediately felt humiliated and lost a lot. The nut presented by Japan University of Science and Technology can be used with screws, and it was so difficult for them to do this screw because when they gave them that nut it was to bother Shanghai students. But what can they do with an iron ruler? You can't tell Japanese students to reach out and hold the ruler for a while, and then ask them if it hurts... There were tens of thousands of students watching the live broadcast who was embarrassed.

The camera clearly transmitted the image of the iron ruler to the live broadcast room and the audience looked left and right. It is an iron ruler and this iron ruler has no scale, and the comments came on the bullet screens.

"I'm dizzy ~ I don't know what this glass box which contains the iron bar is for?"

"The Japanese technology students have sent a nut, and we send an iron bar. But what do you think? Is this iron bar special?"

"Don't rush to conclusions, and you may not know who made this iron ruler."

"Who?"

"It is Monster Heavy Industry who is responsible for manufacturing. The man standing on the stage is the president of the Monster Heavy Industry.

"Gosh~ he's so young..."

"Will the Japanese University of Technology be used to test the metal composition of this iron ruler?"

Professor Cai Chenning coughed twice, beckoning everyone to be quiet.

"Haha~ When we heard the news at noon, we thought your school was joking with us." Looking at the gift in Ye Qing's hand, Kobayashi laughed loudly: "I didn't expect your school really gave us an iron ruler, what is the meaning of this iron ruler?"

"Like the nut presented by your school, it represents the friendship between our two schools." Ye Qing looked at them with bad intentions, then carefully opened the glass box and lifted up the iron ruler.

"I want to ask you to observe, what is on the surface of this iron ruler?"

The iron ruler was held horizontally in Ye Qing's hands, and Kobayashi and the students led by him immediately opened their eyes. The following students also followed with wide eyes. Students sitting in the back row who can't see clearly put their eyes on the big screen behind the speaker's table. The audience in the live room also held their breaths one by one, and the barrage was unbrushed.

Dark as a mirror, black as iron ruler, it seems to be good pine ink but also seems to be a deep space under the bright starry sky, so dark that people cannot ignore.

Ye Qing said there was something that represents the friendship between the two schools. But... No matter how big their eyes were, they could not see any information on that iron ruler.

"There seems to be nothing."

"My eyesight is 1.0, and I can guarantee there is nothing on it."

Gazing for a while, Kobayashi said seriously: "I can't see anything."

"I didn't see anything." Classmate Tanaka next to him showed a sneered smile: "China has an old saying that it's a mystery."

Ye Qing smiled and then tilted the horizontal iron ruler about 45 degrees: "It depends!"

"What's the situation, is it become magic?"

"There is something, and I see words on it."

"Forever Friendship?"

The students in the auditorium suddenly were boiling. When the iron ruler was tilted at a forty-five-degree angle, they could clearly see it from the big screen. The original black mirror-like iron ruler had the thumbprints of four iron scratch and silver hooks and the words appearing above were "Forever Friendship".

Chapter 396: Horror Accuracy Beyond Instruments

"Discoloration card?"

"Three-dimensional stereograph painting?"

The accompanying students first thought about the kind of card toys that they saw at different angles and saw different pictures when they were young. But soon this conjecture was overturned. The font on the iron ruler was not flat at all. Instead, it was dug into the iron ruler, and they could clearly see the traces of the dent.

"Forever Friendship," Professor Kobayashi's eyes were like the helpless firewood in the fire.

There was nothing unusual in the front view, he could only see the font from another angle: "What does this mean? It shows that the four characters on the iron ruler are unimaginably horizontal and vertical.

Its principle is very simple to explain. If a piece of paper is as thin as a wing of the cicada and its sides horizontal and perpendicular to the gaze, then it can easily disappear. Similarly, the bottom of the font that is recessed on the iron ruler should be as rough as the surface. This effect can be achieved by processing straight lines with terrifying accuracy on the side. The explanation is simple, but it is very difficult to do.

In the live broadcast room, after the popularization of science by knowledgeable mechanical talents, the students brushed sixty-six in the bullet screen...

"Haha~ Just now, the Japan Institute of Technology was determined that there was nothing, so it was slapped at another angle."

"It's so cool, just look at this visual effect, and you can compare that nut. The thread isn't invisible, but the thread is as thin as the silk. And our four words are as big as mahjong, and the difficulty is natural. It's much higher."

"Is this the only thing, student?" Kobayashi lose a word, let the bullet screen and the students below suddenly quiet: "Great ideas, admirable machining accuracy. But in our opinion, the industrial level represented by this gift is still a bit short of the top manufacturing technology."

It was not arrogance. The technology demonstrated by this iron rule, Professor Kobayashi could also manufacture it using the famous national factory of high-precision instruments. Of course, there were difficulties, and it would take much time, but it was not difficult for him.

"It's over, looking at this guy's confident look as if he can also make this kind of magical lettering."

"After all, their precision machining technology is the best in the world, and they can't help but be excused."

"Ah~ Although it is not difficult, it is not a loss."

Discussions resumed in the live broadcast room.

"Professor Kobayashi, I think you misunderstood me." Ye Qing raised the iron ruler in his hand and turned the other side around.

"In the beginning, you gave us a nut and let us process a screw. Then naturally, we should repay our efforts and present a complete commemorative gift that requires the cooperation of our two schools."

After a pause, Ye Qing was satisfied with the deflated expression on the opposite side. After showing the iron ruler in different angles and confirming there were no Chinese characters on the opposite side of the iron ruler, Ye Qing's eyes became calm: "The long friendship is a blessing we send to your school. I want to invite your school to write another sentence in your language on the opposite side of this iron ruler to prove our friendship."

"Engrave a sentence?" Kobayashi did not respond a little: "What is this sentence?"

"The answer to what has already been written on the iron ruler, just interpret it, then use your text to engrave it."

After talking, Ye Qing handed this iron ruler to Professor Kobayashi.

The camera clearly captured the suspicious ghost on Kobayashi's face, and the moment he took the iron ruler, his right hand sank obviously, revealing why he was so heavy.

The students of Japanese science and technology came around with a crash. The highlight is here, it turns out that this iron ruler not only has amazing precision machining technology but also hides a puzzle to solve it. Fortunately, the Japanese University of Science and Technology had already made preparations here.

At noon, Professor Cai informed them that they would give away an iron ruler as a gift. They kept guessing this iron ruler would be troublesome. Therefore, many of the town's instruments that needed to be packed into shockproof metal boxes and packed away were also taken to the multimedia center.

The iron ruler was more than thirty centimeters long, and even the scale was not marked on it. Kobayashi believed that even if there was a mystery, he could easily crack it. This confidence came from the equipment they carried.

A Nikon s 1500 industrial electronic digital microscope was moved to the desk by students from the Japanese University of Science and Technology.

Nikon is one of the world's top optical lens factories. The microscope they took out was the one with the highest effective magnification among the current optical microscopes, and none of them compete. Hum~ Anything, that is so greasy, is nowhere to be hidden under this top optical microscope.

However, when the students of the Japan University of Technology set up the microscope and turned their gaze to the liquid crystal display on the microscope. Their reaction was more exaggerated than the detonation of a grenade. With a snap, they took a step back.

"This is impossible!" Kobayashi yelled in his native language: "Why is its surface flat?"

Other students said probably damn expressions. Because when they just adjusted the magnification to the best observation multiple of 1,200 times, they actually saw the surface of this iron ruler, and it was still smooth. Although it was not as flat as a mirror, it was close to ordinary steel with the naked eye, and its surface was almost the same.

To study metal, the first step is to study its characterization. At a magnification of 1,200 times, you can directly see the microstructure of the metal surface, like the metal, like snow-like martensite and austenite.

In the same way, they observed the iron ruler with their naked eyes and found no greasiness. They naturally thought they were hidden under a microscopic mechanism that was invisible to the naked eye.

"What did they see?"

If we say the previous lettering. For them, it could be called a difficult level of processing technology. The smooth characterization of this iron ruler was equivalent to the fear level processing technology.

It took many old energies to suppress the fear in their hearts and continue to study this iron ruler.

Time passed little by little, and here at the Japan University of Technology side, they had already flown to Siberia for a long time with their pride which had been changing to dignity and madness. Because they couldn't find anything, no matter what way they would observe. The surface of this iron ruler was all flat, let alone a greasy puzzle, even a non-black stain is unfound.

"Haha~ You see how they are tangled."

"I'm embarrassed. Let them look down upon us and give a try again."

"I think... they need Detective Conan to save the scene!"

After half an hour passed, Kobayashi raised his head with difficulty, and his face was covered with sweat beads: After... After our unanimous study, there seems to be no mystery on this iron ruler. "

"Yes." Ye Qing replied unhurriedly, making the students of the Japan Institute of Technology almost uncomfortable.

"Have you measured the length of this iron ruler?"

"Yes... I have measured it." Kobayashi took out a handheld rangefinder: "This is a rangefinder produced by our Nikon company. We have measured not only the length but also the width and height."

"Its length is 0.32569 meter."

"The length of the ruler is long, and the answer lies in its length." Ye Qing stood up and shook his head: "The accuracy of the rangefinder is not enough. You need to change to a more advanced instrument to re-measure its length."

"But we have reached the accuracy of Sim, its length is too long to measure with a micrometer. If you want more accuracy, you need to use a laser interferometer."

"To what level can your laser interferometer be accurate?"

"Nano level."

Kobayashi's voice gave a hint of a roar: "We can be accurate to 2 nanometers, but what's the point of measuring this iron ruler?"

"The accuracy of two billionths of a meter is unmachined at this stage. Even our industrial mother machine can only determine the accuracy of metal materials at 50 nanometers."

"0.32569 meters?" Ye Qing said with a serious look.

"What do you mean? We measured this length."

"There are 734 behind." Ye Qing looked at him and reported a number.

Kobayashi didn't believe in the authenticity: "Have you made precision to 0.1 silk?"

"Since your laser jammer does not meet the accuracy standard, then I will tell you the accurate answer."

Ye Qing said quietly: "We have fixed the accuracy to one-half nanometer, which is the accuracy of 5 parts per billion."

"The ruler energy is long."

"If you are in a vacuum box, use a more advanced jammer to measure the length of this iron ruler."

"You will get such a set of numbers 0.32569734830 a very simple set of decimal numbers, as long as you replace this set of numbers with your text in decimal, you can get the words you want to engrave on."

There was a tomb silence. The old man of time dropped a time bomb in the multimedia center, allowing for their expression to freeze instantly.

Convert the length of the ruler to their text? Is it concluded that?

What words are they going to engrave?

Chapter 397: What to Carve

The decimal format composed of 0-9 is a very simple thing to express words. Not to mention that college students who have a little knowledge of computers, even ordinary people can search for specialized websites on the Internet and they can do some research online at will. But who has ever used the length of an object to record decimal values? This is more than powerful?

During World War II, the world suffered a lot from intelligence because of backward technology. Because in order to transmit information safely, all countries simply racked their brains and racked up their bile. They used radios, cipher machines, codebooks, lights, weather, animals, everything that can be used is used. But the enemy is not vegetarian, and almost all of them are cracked.

If they had the technology of Monster Heavy Industry, which was used the horrible processing accuracy to directly turn the information into a ruler. Even if the enemy invited Einstein, he could not break the mystery inside. He couldn't even read the exact length of a ruler. What am I talking about?

But then again, if you have the technology of Monster Heavy Industry you don't need to care too much about intelligence, just push it horizontally.

Everyone was boiling. The University of Science and Technology of Japan had used its laser interferometer a few days ago to mock the backwardness of Shanghai University. It turned out that within two days, and he was given a lesson with accuracy from this University.

In the auditorium, the students of Japan, blushing one by one, felt a sense of self-control and the students who watched the live broadcast, laughing one by one proudly, they were also speculating, what kind of words should be portrayed by the Japanese University of Science and Technology?

Japan had sent a nut for Shanghai University to match it with a screw. On the side of Shanghai University, an iron ruler was sent to let Japan lettering on it. This was too good and too powerful. What exactly is that word?

On the front of the iron ruler, the words "Forever Friendship" have been engraved, but what does the meaning behind represent friendship?

In the current mechanical engineering, calculations and programs are required in almost all places. The Japanese Institute of Science and Technology didn't need to go online at all with that decimal number, just plan a little on the paper, and the number will be translated.

Not only did they translate it, many students who understood the Japanese also translated it. When the students translated it, they had sent the content to the bullet screen.

After three seconds, the bullet screen was all: "Haha ~ 666 ~ very powerful ~".

Because Shanghai University sent a [Forever Friendship]. And Japan University of Science and Technology should engrave a [Bai Shi Shi].

Soon, the good students of the live broadcast studio understood the meaning of this phrase taken from Mencius' book "With all one's heart" which means that noble teachers can be teachers for all ages.

At first glance and literally speaking, the friendship lasts a long time, and it also bonds smoothly with a master of all ages since the two universities communicated with each other. One wishes "friendship for a long time.". The other wants "the school to be a teacher.".

But this is just a literary meaning, you send an iron ruler, and then let others engrave on it [Bai Shi Shi]. This is plain to say that in ancient times we were teachers, and now we can still be your teachers all the time, which almost let all the students burst out laughing.

We all know the culture between China, and Japan is very similar. The students of Shanghai University understood this, and some people from the Japan Institute of Science and Technology thought about it.

"A teacher of all ages?" Kobayashi blushed and said with a sigh of relief. "Classmate, for a long time, isn't it more appropriate? On behalf of the friendship between our two schools, it lasts a long time."

Oh~

Ye Qing thought that this professor who led the team had some involvement in classical literature.

"The Japanese University of Science and Technology is a famous university with a certain reputation in Southeast Asia. However, our Shanghai University hasn't established for a long time, but after decades of development, we have a good reputation among domestic universities. I think it is more meaningful to bless our two schools, to be an example to others, and to respect the best, I think it makes more sense."

Kobayashi was innocently stunned on the spot, and it seems more reasonable to say this. The Japanese University of Science and Technology was built for more than 100 years, and its word of mouth is indeed good and the accompanying students, one by one, smirked and screamed powerfully.

Kobayashi, who had suffered a big defeat in Lin's little well, was really embarrassed to stay here. If he lost, they would lose. Before they won Shanghai University, Shanghai University still could only eat the superiority they gave away.

Mechanical communication is not like philosophical communication. Both sides can turn upside down. Not afraid of not knowing the defeat, but afraid of comparing the defeat, Shanghai University can come up with the terrifying accuracy that makes their laser interferometers inaccurate. If they continued to quibble, they will only be more embarrassed.

Only by engraving that sentence generously can they save their face. The Japanese University of Technology is very clever here, knowing that lettering on the iron ruler is the real killer. From the start, Kobayashi knew that this iron rule was extraordinary.

"Hum~ Since you can engrave words on it, so can we."

On this, Kobayashi and his students have absolute confidence.

"Then please, our school will use your mechanical laboratory for our temporary use. The lettering needs machinery, and we did not bring large mechanical equipment with us."

Kobayashi regained his confidence: "It won't take long, just a few hours."

"You are free to use it." Professor Cai Chenning's voice has changed and was very stiff because he was pinching his thigh quietly, otherwise, he could not help laughing out his tears.

The Japan University of Science and Technology was also very popular. In order to save face as quickly as possible, they only took five minutes to move to the mechanical laboratory.

There were not many students in the mechanical laboratory, but a camera is more than enough. Professor Kobayashi knew they were playing live broadcasts. In fact, their national live broadcast is also popular and college students loved to play this.

So, I knew that after the students live broadcast, Kobayashi's heart rose with joy and in front of the camera, confidently took out a silver-grey drill bit carefully from the anti-collision plastic box. The drill was about three inches long. After the lens is close, you can find that the edge of the drill bit is a bit cold.

"This is a tungsten carbide drill bit, coated with a wear-resistant polymer coating. This time we have been brought it, we want to exchange it with Shanghai University, the technology of machining tools." Kobayashi seriously introduced it to the camera: "Because of time, we haven't communicated in this regard. It was exactly this opportunity to show you how well our country is in metal materials science."

In the mechanical laboratory, there was a very complete range of processing machine tools and the students on the Japan side soon used the computer to make a model of the lettering, and then carefully installed the tungsten carbide drill bit on a gantry Mikron high-speed machining center.

To cut a piece of material, nothing more than a harder material should be used. This was common sense and a source of confidence for Kobayashi. Therefore, after the students who he led started up the five-axis machining center, he observed it with a steady victory.

Chapter 398: Exhaustion

After the students who Kobayashi led started up the five-axis machining center, he observed it with a steady victory. Then "Buzz~" the rotation of the drill bit driven by the main shaft rubbed like a giant beast roaring low. The cutting fluid for cooling shouldn't be adjusted to the maximum without mercy and the students in the broadcast room were breathless again.

Time passed a little bit, after a minute. Kobayashi could no longer stay idle, so he hurried to the five-axis machining center and stretched his head to look in through the observation window. Because after a full minute, the spindle hadn't moved.

For the five-axis machining center, the best thing in it is the main shaft, it can be moved at any angle. This is easier to maintain its accuracy more than traditional machine tools to move processed materials. But after one minute, the spindle didn't move and only one thing happened. The bit on the spindle hasn't cut the material.

"Speed up to two thousand," Kobayashi said quietly.

"Hum~"

After increasing the speed of rotation, the friction of the drill bit on the iron rule made a big noise in the high-speed machining center, which pushed the students in the live broadcast room to be unable to keep from getting up and couldn't help but sweat.

The green smoke curled up slowly from the observation window of the five-axis machining center. Before he could get back to its senses, Kobayashi beat chicken blood the smoke quickly turned into black smoke.

"The knife is burned~ The knife is burned~" The student of Shanghai University next to him anxiously reminded: "Shut down, don't damage our equipment."

Students of Japan Science and Technology Co., Ltd. stopped the machining center and the automatic hatch was opened. The cutting fluid used to cool the metal was heated by the high temperature producing suffocating smoke and people who were choking coughed. Fortunately, the circulating cutting fluid quickly cooled the drill bit. The Japanese students took off the drill bit, and their cheeks suddenly turned into a burning cloud.

The top of the drill bit burned and rainbow-colored streaks appeared due to the high temperature. This kind of thing that usually happened in the shop level processing factories actually happened to them.

Friction will cause high temperatures. Under normal circumstances, there will be heat dissipation from the cutting fluid and the cut wire, and the drill will not burn. However, if the spindle feeds the tool and the material is not moving, the friction will continue to rise. As the speed increases, even the cutting fluid will not take away all the heat, and then the drill will burn.

The iron ruler was also removed from the fixture, and everyone saw there was no trace on the back of the iron ruler, but it was not intact. If they looked closely with a magnifying glass, they could still see the place where the drill processed before.

The Japanese students would have difficult feelings because if they wanted to engrave words even if they would have to burn a thousand more drilling heads they couldn't do.

"This... this is impossible!" Tanaka classmates in charge of manipulating the five-axis center shouted with protective gloves holding the iron ruler: "Why can't we even a pit be drilled out?"

Kobayashi was still in front of the camera and said into himself when I liked showing them the level of metal materials in our country. Now the drill heads were burned by their metal. Looking at the intact iron ruler, the audience in the live broadcast room quickly sprayed a sip of water on the screen.

"Even if they can't measure with accuracy and they can't even make a ligature. Please allow me to sympathize with them for 0.1 seconds. To be honest, they launched us into materials science, but the person who saved us is Mr. Ye Qing from the Monster Heavy Industry."

"I decided to go to work at Monster Heavy Industry after graduation, which is too honorable."

"The one who is going to work at the Monster Heavy Industry, wake up quickly."

Kobayashi had decided to engrave the word without a doubt. So, half an hour later, after intense preparations from the Japan Institute of Technology the iron ruler was moved to the plasma arc cutting machine.

Although arc cutting is suitable for high hardness alloys, its cutting has no precision at all. Even if the few words can be cut out at the end, not to mention the amazing effect of not seeing the handwriting at the horizontal angle, the slightly more elegant level of visualization cannot be satisfactory.

The dazzling blue arc raged on the back of the iron ruler. The huge noise of the arc breaking through the air lashed the eardrums of nearby students. It is a pity that the scene that occurred with the five-axis machining center happened again on the plasma arc cutting machine. The arc has swept through countless tracks, but the two-axis moving tables below couldn't move and the iron ruler was removed again, and there was only an insignificant color change on the surface.

Kobayashi's eyes were straight when he saw the iron ruler. Materials that were usually difficult to machine with a machine tool, like stainless steel, will become more docile than cream with the arc cutting. But when it met the iron ruler, it couldn't even shake a layer of leather.

"Ouch~ It's hot."

Kobayashi suddenly shook his hand exaggeratedly and deliberately left the iron ruler to fall down. The iron ruler jingled bounced far away and then in the bullet screen, it was all about this shameless news.

Too strong is easy to break, even the ancients understood. Metal objects with higher hardness tend to be more brittle. As a simple example, glass windows in ordinary homes are harder than 90% of metal but can break with one fist. Take the extremely hard tungsten steel in the metal, for example, the long strip of tungsten steel falls to the ground and 10,000 percent will break apart. The tungsten steel drill

bits used in the machine tool do not need to be stored in a special toolbox on weekdays to prevent bumps.

Since this iron rule is so hard, I'm sure it is very fragile but the iron rule tinkles and bounces several times. Then in the bulletproof screen, it was a question of fighting this shameless news. This iron rule after having bounced a few times had landed not far from Ye Qing. So, he picked up the intact iron ruler and handing it back to Kobayashi again, raising his eyebrows: "Professor Kobayashi, why don't you touch this iron ruler, it's not hot at all?"

"Is there...Is there a high-power laser cutting machine?" Kobayashi was ashamed and shocked, and there was an embarrassment that he couldn't hide.

Professor Cai Chenning presented a Siemens 4500w laser cutting machine that was adjusted, and after its protective cover was lowered, it slowly opened after five minutes.

This time, in addition to the iron ruler that had burned and had a layer of carbon on the surface, there were also faces of ugly pork liver on students at the Japanese University of Technology.

After the charcoal layer was washed with liquid, the surface of the iron ruler returned the same as when it was first set.

"What words should be engraved?" Now Kobayashi feels he can leave a shallow trace on the iron ruler, which is already a great satisfaction.

"Can... can't... lend us the laboratory for more time, for one night?" Kobayashi, who had no room for self-confidence, asked Professor Cai by whispering next to his face.

"Is there any need to continue?" Professor Cai Chenning spread his hand: "Of course, if you still want to continue, I have no objection."

"I should try everything I can, and everyone knows it."

Professor Cai Chenning gave a sulking breath and let the teacher in charge of the laboratory accompany him here. Ye Qing also waved at Kobayashi, preparing to leave.

"What should I say? Please don't let the live broadcast brother, and I want to see if I can leave traces on the iron ruler... Brother of the mechanical engineering department can you give me a general introduction, what material is this iron rule made of?"

"The graduate student of the Department of mechanics in the field tells you that the iron ruler is made of Edelman alloy, which is contained in the shield of Captain America... I'm going to give you a gift. I won't let the classmate broadcast live."

After leaving the gate of the mechanical laboratory, Ye Qing became relaxed and happy.

Professor Cai Chenning, who came out at the same time, held Ye Qing's hands tightly and excitedly said: "Mr. Ye, I really don't know how to thank you. Without you, our school would have really become a means of the joke at this time. Haha... There is that iron ruler too. They are going to engrave the master of the world and will hold close in front of me. I pinched my thigh to make me hold my smile."

"Teacher... Don't be shy, just put your stronger hands up." Ye Qing's mouth showed a pleasant smile. This thing is really cool. There are also those young students who look at them with their eyes and worship them all.

"That iron ruler, Mr. Ye, how did you do it? It seems to have reached an uncontrollable level of destruction."

Ye Qing was about to talk about the general steps of making the iron ruler, and the ring of telephone bell interrupted the following words. The call was from the sales manager Kong Tao. As soon as the call was connected, he quickly said: "Boss... Watch the news. It is the news pushed in WeChat."

Chapter 399: Something Ho

After hearing Kong Tao's words, Ye Qing asked curiously: "News! What news?"

Ye Qing has not paid attention to the news posted on WeChat for some time. Now Kong Tao reminds him that there is important news in it. Most of the news above is related to Monster Heavy Industry.

Seeing that Ye Qing seemed to have something to deal with, Professor Cai Chenning first asked for leaving, saying that the next time if he would have an experimental project, he will borrow the laboratory of the Monster Heavy Industry, he spoke about this again.

Hanging up the phone, Ye Qing opened WeChat news feed.

[A week after the collapse of the Japanese road, the road opened to traffic which shocked the world by the speed of the works and the Chinese laughed but didn't speak.]

[another network drive has failed. Where should our data be?]

[In a recently opened diamond mining area in western Nigeria, a rare high-quality rough diamond is found, valued at approximately US \$ 300 million.]

It was really sleepy to send hot pillows; he was hungry and the hungry courier brought the meal. Ye Qing quickly discovered the key point and his heartbeat accelerated. The original diamond in the news was described as rare, extra-large, and of high quality. According to the past news practice, the block of this rough diamond can be larger than the fist. As for the valuation of US \$ 300 million, it was a relatively conscientious valuation.

Ye Qing turned over the news before and found the last rare blue diamond mined in Africa, which was valued at millions of dollars. What is the concept of one million dollars?

Last year, Guinea Bissau ranked 171st in the global GDP ranking, has a total annual production value of more than 900 million US dollars.

In all the countries and regions behind it, the GDP is much lower than that of the others. Let the princes of the oil-producing countries come, who will not hesitate to break billions of dollars to buy a rare precious stone that has value only for its beauty and decoration.

This piece is estimated at the US \$ 300 million. Ye Qing pondered the final transaction price, which was only 150 million Yuan, but it was definitely a conscience valuation.

To recruit the legendary Electronic Messenger, it takes a piece of two hundred grams of a natural diamond.

Ye Qing has just given the director of the company an order today to search for pieces of diamonds weighing more than 200 grams from major jewelers around the world and the evening news showed him the way. Just that... This diamond actually came from Nigeria, and Ye Qing knows the country quite well. Last month, the Master Metal Expert sent there also had a solo show there.

After returning to the company, Ye Qing quickly summoned several managers to ask them about the progress of the diamond project.

Yang Lily, the manager of the propaganda department, made the report first: "Boss, I consulted several well-known jewelers in China. It is only these jewelers in China who focus mainly on gold jewelry. They do not trade in diamonds much. Right now, there is only one rough diamond that is the heaviest at Chow Tai Fook, but it is sixty grams. I have heard that it is a private order made by a rich person who will use it for a marriage proposal."

Purchasing manager Qiu Yi answered: "I consulted Cartier, Tiffany, Bulgari, Van Cleef & Arpels, etc., which are based in China, these famous international jewelry brand branches said that a diamond weighing more than two hundred grams should have been taken by the royal family a few decades ago. Now there are no more customers interested in this kind of diamond except the jewelers. They also received more than two hundred grams of rough but were cut into pieces and polished into independent diamond jewelry. At present, there is only the diamond mine in Nigeria. This rare diamond has not been acquired by the jewelry companies. We can buy this rough stone."

Sales manager Kong Tao took out a brand-new photo of a transparent diamond whose size is invisible and looks like large rock candy: "I checked the source. The earliest news was from a media outlet in Europe. The date of discovery of the rough was uncertain, and the origin was in a diamond mine in western Nigeria. The raw stone weighs 372 grams. According to their previous experience, they released news to the outside world just to attract jewelers around the world."

Ye Qing pinched his brow and thought: "That is to say, the large rough diamonds mined in the past have been processed by the jewelers, and only this rough stone currently meets our requirements."

"Apply for foreign currency exchange first. We will buy this diamond for industrial purposes. First, we will exchange 300 million US dollars in the name of imported industrial raw materials. There is a source of information over Nigeria. I will first find out the specifics of this diamond, and then let you arrange the itinerary."

"Boss, there is also a preliminary plan for the acquisition of a mobile phone manufacturing plant." Kong Tao reported on another project: "There are currently three mobile phone manufacturing plants that meet our requirements over Shanghai. Two are on the verge of bankruptcy and one can remain profitable, their products are mainly sold to underdeveloped countries and mainly rely on cheap smartphones. These three factories belong to the kind that has no resistance to acquisition. To continue to follow up, we must make a detailed report on the scale of the three companies and their respective quotations in the shortest time."

After the meeting, Ye Qing returned to the office and kept squeezing his brows. Africa is rich in diamonds; the rare diamond was in Nigeria. For Ye Qing, it was only charcoal in the snow. But dealing with this war-torn country...

"All this is for the legendary monster." Sighing, Ye Qing took out the phone and called Li Huaxing, chairman of China Heavy Industries.

China Heavy Industry had the right to mine a copper mine in Anute in the district Nyaja. Now the copper raw materials of the Monster Heavy Industry are all imported from there, and it is possible to ask him to inquire about the diamond. It was just a phone call, and Ye Qing told Li Huaxing that he wanted to buy diamonds.

This is always with a bright smile on weekdays Li Huaxing received Ye Qing's call because of the increasingly fierce competition in the domestic machinery industry and because of the copper mines in the Anute region, the chairman is making a lot of money. After learning of Ye Qing's news, he fell into a sigh and silence unexpectedly, and it took a long time to speak.

"Brother Ye... It's just diamonds for industrial purposes. It doesn't cost so much. At present, synthetic diamonds are basically satisfactory."

From his words, Ye Qing heard hesitation and embarrassment and said: "It is difficult for a man-made diamond to exceed one carat. At present, we are working on a new laser-like device that requires diamonds to polish the lens." After that, he asked: "what's the matter, Chairman Li?"

"The diamond..."

"The news directly stated that it was found in the west, and more specifically, it was found in the diamond mine at the border of the Nyaja district and the Nsuka district. Brother Ye, you should be familiar with this place."

Li Huaxing's voice seemed to come from afar: "Because of this diamond mine, the powers of the two regions almost hit the dog's brain. Even our mine area is nervous. It was already clear that General Mopu, who was in power in the Nyaja district, took control of the mining area. But who knows that just a few days after the diamond mine was excavated, such a hot thing came out. General Mopu's news was not blocked completely, maybe there might have been a ghost inside the diamond mine that leaked the news so that the Nsuka district got the news."

"This diamond is worth hundreds of millions of dollars, not to mention the idea of finding this diamond in the Nsuka district, but the whole of western Nigeria, large and small authorities, want to own this diamond. General Mopu cannot keep this diamond safe on his territory until he has released the diamond as soon as possible, but now the entire Anut area is surrounded by red-eyed military forces. Mopu hired a helicopter to move the original stone. Before the helicopter landed in the Anut area, it was shattered to pieces by more than ten rockets. "

"Brother Ye, do you think this diamond is hot?"

Chapter 400: Lordship Battleship

As soon as Ye Qing heard Li Huaxing's sentence "Brother Ye, do you think this diamond is hot?" he became speechless.

"..."

After listening to Li Huaxing's remarks, in addition to being speechless, Ye Qing was speechless because unexpectedly, this diamond turned out to be the only diamond existing at the moment, and in addition, it was in Africa in the hands of General Mopu. He didn't even think that this rough diamond turned into a "fat" in the eyes of those in power in the entire western region. In fact, he should calm down, all this could only accidentally happen.

Diamonds are also called blood diamonds in Africa. Behind every famous diamond, there is often a history book called stained blood.

Africa is the poorest region in the world, where many people are unable to satisfy even one meal a day. Even if a rare diamond was mined, and its value even exceeds that year's gross national product of that country.

The situation in Nigeria is a little better. Last year's gross national product was close to 5 billion US dollars. Five billion US dollars is the result of the hard work of people across the country. Now there is a diamond that can be immediately transformed the person who found him the richest man in the country as long as he grabbed it, but it was going to be exchanged for massive weapons. Which made those in power in the entire western region jealous and wandering in the Anut district. Once the diamond came out, they would grab it and take it for granted.

Back at Longxi Beach, Ye Qing sat in the office and researched until one in the morning. During this period, Ye Qing also checked all the large-scale rough diamond data mined globally over the past five years. As a result, he found that, in the past five years, not to mention two hundred grams of rough stone, even if it is more than one hundred grams, it is showing a decreasing trend. And those rough stones were cut into many pieces by the jewelers early.

The top ten finished diamonds in the world are either collected in the British royal family or in the exhibition halls of the top jewelry companies and are regarded as the treasures of the town hall.

If Ye Qing did not want to wait another year and a half, waiting for illusory luck. It seems there was only one thing in front of him, which was to go to take this hot stone.

At 8 o'clock in the morning, Ye Qing, determined, through Li Huaxing, got the satellite phone of the current diamond owner, General Mopu. There is a six-hour time difference between Nigeria and China. It was still early at that time. Ye Qing was going to call at noon. Because it is only by contacting General Mopu directly that a diamond exchange plan can be developed.

After eating breakfast, Ye Qing was in the office and outlined the third phase of the factory expansion plan. The Monster Factory had been upgraded to the fifth stage, and 80 monsters could be recruited. This number of monsters recruits was sufficient to allow all production and construction rhythms in the monster factory to be fully lavished. For example, the deepwater port for the expansion of the new plant could continue to be launched.

In the fifth phase, a new monster could be recruited, the legendary hero Electro-crystalline. Electro-crystalline is competent in electronic technology. Right now, Ye Qing to grow his business, so he recruited other monsters to explore how he could do this expansion first. He had to recruit as much for the moment so that he successfully built the factory. Monsters that are perfectly suited to the hard work

of building the basic industry. For that, he had again recruited two Master Craftsmen and three Master Metal Experts.

On the electronic drawings, Ye Qing continued to copy the appearance of the new factory and copied the appearance of the original plant. The design drawings of the deep-water port have been prepared for a long time. When the chief designer Xiao Jun of the Chronicles Studio was invited to help design the drawings of the Monster Industrial Building, Ye Qing gave him a copy. Free plan with slight modifications.

This is a modern port with a 100,000-ton maintenance dock, which could accommodate a maximum of 150,000-ton freighters. It was limited to the geographical location. The port could only receive a 150,000-ton freighter at most. Of course, this tonnage was enough.

While thinking about which advanced automated machinery to add to the port, Ye Qing has brushed the news three times, because since seeing the rare rough diamond in the news last night, he has always wanted to know more about it. His hope was not great, but it doesn't cost him anything. Suddenly, in the news feed on Baidu's home page, a headline in the news caught his eye [In the second era of robots, can robots replace humans globally?].

Ye Qing had Clicked on the news to see. In the close-up of the beautiful robot pictures on the home page turned out to be about a new all-around robot recently launched by Amano Heavy Industries. The content inside is very suspicious, it is filled with advertising and praises for this robot which is well recommended inside and outside of China. As for the Explorer industrial robot, which was first launched by the Monster Heavy Industry, nothing was mentioned. Ye Qing can almost be determined to be Amano Heavy Industry had to spend much money to publicize its product.

Shaking his head, Ye Qing ignored Amano for the time being. This kind of bad behavior that regards imitation as the original, continued to study the deep-water port and then found that the amount of engineering in this port is really a lot. For example, all the rubble on the shore should be removed, and the shoal area should also be excavated to a depth of 15 meters using large equipment. For the rocks and shoals were simple to excavate, and the Mechanicals Colossus Type I was prepared for such a large project. For digging underwater, Ye Qing naturally thought of the Lord chariot.

Then Ye Qing suddenly thought of something, quickly stood up from the computer, pushed open the security door of the office, and ran to the beach. Jumping on a rugged reef, facing the blue and wide sea, took a deep breath of clear air, and then took out the monster factory mobile phone and chose to recruit the lord chariot.

When upgrading to the fifth stage, the Lord chariot will also upgrade naturally. Ye Qing forgot about the new monster he studied before.

When the system was upgraded to the fifth stage, the Lord chariot naturally also upgraded. Ye Qing forgot about the new monster he studied before.

"Appear, my lord chariot."

"Wait, why did the name change?"

Ye Qing had already recruited it and found that the place where the name was originally displayed seemed to have changed.

Chariot... Turned into a battleship?

Along with Ye Qing's doubts, the calm and transparent sea surface, a huge white mist rose in the blink of an eye, followed by a "bang ~" sound and a huge sound of giants smashing into the sea surface. The spray splashed five meters high, and Ye Qing wiped the water on his face, staring at the battleship.

On the tumbling sea, there was a metal-red steel behemoth that sinks up and down. The polygonal wedge-shaped body, thick metal shell, and four propulsion power units similar to the full-motion vertical tail of the aircraft are gently flapping the waves to keep the hull stable.

"Here It's the fifth phase of the Lord's battleship? " Ye Qing looked at the steel giant in front of him in disbelief. In the fourth stage, the Lord chariot had a large body of deep-sea manned detector, and two people could ride in the bow. However, the huge iron and steel beast in front of him had a drainage capacity of thousands of tons. The red metal shell shined in the sun. Similar to the main battle tank's wedge-shaped armor, the observation window with jagged edges was full of unspeakable technological beauty and metallic heaviness. The four triangular diamond-shaped water jet propellers that were swinging seemed to give the illusion that the giant beast was waiting dormant.

No wonder! No wonder it was renamed the Lord's Battleship, with such a breezy figure, and before called the Lord's Chariot, which is too unmatched.