

M Factory 301

[Chapter 301: Not as imagined](#)

The bloodshot antelope leg was roasted quickly, sprinkled with fragrant cumin and fine salt.

For some reason, when Qiao Pingxu saw the Master Metal Expert was biting the antelope leg with a little bloodshot. He had a creepy feeling and even a few black people also had a bit of grin.

The honest man who was kind-hearted and could not bear to kill was labeled again, but he didn't know what to tag for the time being.

If only from the point of view of style, the Master Metal Expert is really strange.

A cold is his pronoun, in him, and it seems that nothing can disturb his emotions.

Take a simple example, from the airport to the Anut area. Because of the poor road conditions, two off-road cars with good off-road performance will run for one day. Qiao Pingxu feels his bones are broken, but the Master Metal Expert is still cold, and that expression is not very different from that of a Mercedes Benz.

In the morning, the motorcade passed through a village. When the local security personnel went down to buy water, two young men in the village were at gunpoint with guns. Qiao Pingxu nervously loaded the Glock, but the old man was still at ease and his eyelids were not even shaking.

Later Qiao Pingxu wanted to talk to him and ask him why he was so calm. But looking at his serious face like a knife, Qiao Pingxu swallowed his words back.

He is still an activist. It seems that in his dictionary, there is no idiom of the word such as the term "sloppy."

Qiao Pingxu, deputy mine director, felt a bit uncomfortable, staying with this kind of person, he almost became a waste wood full of stinks.

The working style of Master Metal Expert must be put on ordinary people. It is estimated that he has no friends in his life and even his wife cannot get friends.

But this character seems to be reasonable in a capable and young and handsome person.

In particular, those who are talented and occupy a higher position in their professional field are more likely to have an unintelligible personality.

"It's just... I don't know how high level this professional is?" Qiao Pingxu couldn't help guessing when he was back on the road after eating and drinking.

The two convoys passed through a generally low brown-yellow shantytown and then traveled for an hour along a red clay road covered in walnut on both sides. The road began to flatten gradually, and at the end was a low but huge hill surrounded by barbed wire around the hill. Inside it was a heat-insulated light-steel structure house, which was common in China, and copper mines piled up like hills.

"Actually, the law and order here are very good. If you look at the barbed wire, the main thing is to prevent all kinds of wild animals." Qiao Pingxu felt the mining area had become a paradise after two

days of traveling back and forth: "When we first took over the mining area here, the first night came with two lions and three cobras."

"Now, there are medicines for deworming snakes buried under the barbed wire, and large wild animals can't get through." The barbed wire door opened, and the long-lost concrete pavement finally appeared in front of the motorcade. In addition to the guards who were in charge of security, they were all Chinese.

Far away in a foreign country, Qiao Pingxu always feels happy when he sees people from his home country.

However, the response from the Master Metal Expert was modest. The employees poured water and cut the fruits. They just nodded and didn't even say a word.

In his eyes, the heavy-duty mining trucks with the height of buildings in the mining area, the conveyor belt with a length of several kilometers and the Mechanical Colossus Type I with teeth and claws are the most cordial.

In the reservoir area built with colored steel tiles, a Mechanical Colossus Type I stopped quietly there.

On its left robotic arm, a circle of damage was rushed out by a hot metal jet. Seeing it, the Master Metal Expert finally showed a slightly mild look.

"Let's get started." The Master Metal Expert nodded to Qiao Pingxu and walked towards the reservoir area.

The Master Metal Expert only brought a small business bag and a long suitcase with a set of non-standard tools in it.

"Hey ~ Master Jin, the weather is so sultry now, it is not too late to change it at night." Qiao Pingxu hurried to chase the people who came over and catch up with them. They came here after a long journey. They didn't even drink their saliva. They were very efficient. They didn't care so much.

The Master Metal Expert shakes his head and says no.

"Master Jin, then I'll find you two sets of work clothes. The suit on your body is very expensive, and you cannot touch the oil."

"They cannot be touched." The Master Metal Expert answered him.

The workers nearby also hurried over here, this is not to ask someone to repair the air conditioner and computer, just watch the excitement on the side.

This engineer of Mechanical Colossus Type I, chairman of the Chinese heavy industry, made a special visit to the guest. They don't have to wait for him. How can the chairman explain?

The Master Metal Expert has climbed up to the Mechanical Colossus Type I cockpit and the workers quickly turn on the air pump, start the forklift and get ready to take the handle.

A section of a robotic arm weighs two or three tons, and replacement is bound to be extremely tedious, requiring the participation of much machinery and personnel.

The pneumatic cannons used to remove the large nuts were held in their hands, and the forklift was activated, but they widened their eyes and remained motionless.

Because at this time, the Master Metal Expert has started the Mechanical Colossus Type I and used a good right robot arm to clamp a non-standard sleeve from the toolbox.

The sleeve is also forty centimeters long. The Master Metal Expert, such as an arm finger, uses this sleeve to accurately remove the connecting bolts of the broken robotic arm.

After opening the mechanical claws of Colossus Type I, the Master Metal Expert can easily hold the arm. This kind of technique can be called chisel to embroider, which makes a group of workers look at it in a daze.

All the bolts were removed, and the damaged section of the right robotic arm clicked twice. And with the sound of a few clicks, the Master Metal Expert separated the damaged section.

The Master Metal Expert goes to the off-road truck, retrieve the new mid-section robot arm, re-lock it and screw in the bolt. Then he removes the outer protective alloy plate to reveal the abnormally complicated mechanical power structure inside.

The Master Metal Expert, with his intact robotic arm on the right, started an artistic performance.

The elbow sleeve, the ratchet screwdriver, the wire clip, and the speed regulating needle are clamped one by one by the huge mechanical claws. They are quickly and accurately inserted into the mechanical structure with the protective plate removed for over-electricity for connection work.

After five minutes, the shield was reinstalled.

"Click ~ click ~"

The left robotic arm, like a gymnastic player, does various stretching exercises.

All movable lines are completed, and the test is complete.

"Okay." The Master Metal Expert shut down the engine and jumped out of the cockpit.

Qiao Pingxu and a group of workers forced their chins together, otherwise, they could not speak.

This is far from the maintenance method they originally envisioned...

These forklifts and pneumatic wrenches were all found after the Mechanical Colossus Type I broke. In their imagination. In the evening, when the weather is cool. The lights are bright, dozens of workers are shirtless and full of oil. And they are doing a big job under the command of the engineer, until the next day. The Mechanical Colossus Type I can be repaired.

This was done only in a dozen minutes!

"You can take me back," the Master Metal Expert told Qiao Pingxu.

[Chapter 302: Idle](#)

There is a gap between people.

The manifestation of this kind of gap includes many aspects including the gap of status, gaps in money, and technological gaps. Each kind of gap is easy to be reflected.

Just like in the same class, there are always one or two students bully. There are always one or two genius students, even if they stay up late every day to study, but also want to test the exam and pass.

Therefore, even if the Master Metal Expert told them how to replace the robotic arm. They will have been immersed in hard work for 20 years. And they didn't want to use a small set of tools to complete the just-known art performance.

Nigeria's journey is expected to be three days, and the Master Metal Expert had saved one day with technology. Qiao Pingxu also wanted to send him back to China as soon as possible, but the flight from Nigeria to China was only after one day.

This is no better than China. He must wait for the day after tomorrow to return to the airport. Today, staying in the mining area honestly is the safest choice.

"As I am idle, do you have equipment here that needs repair?" The Master Metal Expert put away the long toolbox and looked away.

Outside the site is a copper mine working area. There are a cargo yard and equipment area. And in the distance is an open-air shallow pit, where two Mechanical Colossus Type I are operating.

Even ordinary families can find one or two defective electrical appliances, let alone a large mine?

"Yes, yes ~" Qiao Pingxu's head was all turned into oil field steamers.

"I just let the workers go and get all the faulty equipment." Qiao Pingxu felt a sense of happiness at the moment to knock on the door. The industrial capacity of this ghost place in Nigeria is almost equal to zero, except for natural and agricultural resources All supplies are imported.

The only way to repair the equipment is to repair it by yourself.

Throw it badly, don't be too whimsical and expect to find a place to repair it from Nigeria.

Now there is a great mechanical god, maybe the abandoned equipment in the mining area will be saved.

Hydraulic column splitter, pneumatic shovel, pneumatic pick, drum sand screener, down-the-hole drill, stone breaker...

In the storage area where the Mechanical Colossus Type I was stored, pieces of damaged tools that had temporarily lost their value were transported. Workers also brought fans, colas, bananas, watermelons, and avocados to help Master Metal Expert.

Ten workers who knew a little about machinery stood in a row and were ready to fight Master Metal Expert.

The Master Metal Expert asked the workers to take all the equipment apart and bring it to themselves one by one.

The first is a pickaxe. The Master Metal Expert glanced at the internal structure and said, "The gas valve on the pickaxe is broken. You must remove the gas valve first."

The second is a rolling screen, where Master Metal Expert says the internal spindle is bent. After asking the worker to remove the main shaft, he found a sledgehammer. Without any measurement, "Boom ~ Boom ~" went up to the main shaft of a diameter of 3 cm and hit it with two hammers.

For the first hammer, the slightly curved main shaft springs up. For the second hammer, the main shaft just shakes slightly, and most of the impact force is transmitted to the ground. The curvature that can be judged by the naked eye before has disappeared without a trace.

"The main shaft is bent. It should be a large piece of metal mineral that has been mixed into the rolling screen and bent the main shaft." The Master Metal Expert threw away the sledgehammer: "Well, you can install the main shaft."

The sifter was installed, and the employees turned on the power with a cheeky look.

The rolling screen rotates conceivably without any unusual noise.

The onlookers of the workers pulled their tongues and turned into a fisheye.

This is okay too?

Qiao Pingxu turned into a bronze bell with a buzzing in his head.

After all, he was older and had heard of the feats of the Chinese steel backbone and eighth-level fitter.

It could be ten years ago or fifteen years ago. He used to drink and chat with an old worker who was good at mold making.

At that time he had become a small department head, and the old worker recalled the past at the wine table. In the 1980s, there were no five-axis machining centers at that time, and the hands of eight-level fitters were needed to make the spindle.

This kind of hand-made spindle is very expensive.

Naturally, when the main shaft is bent by accident. The manufacturer will find a way to borrow a car. It is really impossible to use a truck. It will send someone to invite the responsible master for manufacturing the spindle to repair the spindle.

It's not with empty-handed, two good cigarettes, two good wines, carp, pork leg.

It was a visual feast for the workers. The master was invited and treated more favorably than the mayors and inspections mayors.

And the meals served are bound to have a large bowl of braised pork.

After eating and drinking, the main shaft and the sledgehammer used to repair the main shaft must be tied with red silk.

That's right, the Master Metal Expert fix it with a sledgehammer.

Before seeing the Master Metal Expert, Qiao Pingxu always thought that the incident was just an episode of the old worker drinking too much and boasting.

Today, Qiao Pingxu was fortunate to see the top eight-level fitters of the year had magical skills, and it was more expressive.

Even more expressive is still behind, or the methods of metal expert repair are full of expressiveness.

Whenever a fault can be repaired without replacing parts, the Master Metal Expert never even thinks about it for five seconds before he starts to repair it.

Hydraulic column splitter is a piece of essential mining equipment in the mining area. Its principle is to use hydraulic oil to pressurize and crack the stone in a large area.

The problem with this splitter is the core component hydraulic cylinder.

The ejector rod in the hydraulic cylinder expanded and got stuck in the cylinder liner. The Master Metal Expert directly activated the Mechanical Colossus Type I, pulled the ejector rod with brute force, and clamped a Phillips screwdriver he brought with a mechanical claw.

The mechanical claw drives the screwdriver to rotate like a machine tool, twists back and forth in the cylinder liner.

Time passed little by little, and when the night fell, the sky was covered with stars.

A total of 73 tools was repaired by Master Metal Expert on the spot.

For the remaining 23 pieces of tools, the employees silently wrote down the parts and models. And prepared to send them to the airport by international express delivery after purchasing from China.

"Miner, all the parts have been figured out."

"It takes half a month for international express delivery. By then, our equipment will be able to shine again." Qiao Pingxu patted the employee with the same excitement as the slot machine.

"No need to send a courier." The metal expert stood up and calmly said, "I will help you process the set."

"You, you... help us process the set?" A worker stammered and asked.

This is a mining area, not a domestic machinery processing plant. Not to mention CNC machines, there is not even a radial drilling machine.

The Master Metal Expert uses actual actions to tell them that the Mechanical Colossus Type I in the warehouse is completely enough. And only the tools need to be prepared.

Accuracy is not qualified, but it is more than enough for these simple structures.

Witnessing the Master Metal Expert takes the Mechanical Colossus Type I as a machine tool. The driver felt that he was proud of his driving skills, and it was just as ugly and silly as the dance of ducks.

[Chapter 303: The Fun of Guessing](#)

A file, in the hands of ordinary people, can only file the soles. And the soles are worthless.

In the hands of eighth level fitters, the rough castings on the submarine can be finished.

After the rough casting is finished, it can become an indispensable steel component to defend the homeland security and deter the enemy from the deep-sea ghosts thousands of miles away.

The Mechanical Colossus Type I is omnipotent in the hands of Master Metal Expert.

But in the hands of ordinary drivers, even the simplest part drilling may not be possible.

The technological gap between people is often reflected in the value of the created goods.

It is precisely because of this that several other Mechanical Colossus Type I drivers in the mining area did not even work, but they ran to the reservoir area.

They brought tea and water and bent over. Even the cut pineapple, and carefully cut off the pineapple's hard core with a knife and chilled it in cold water.

A variety of private wine and food collections are more dedication than entertaining your father-in-law.

Whenever the Master Metal Expert jumps out of the cockpit, he must settle around respectfully and snatch up all the capable work.

His respectful attitude is completely from the heart.

This top Master Metal Expert who is involved in the production of the Mechanical Colossus Type I, from his casual learning of a trick and a half to operate the Mechanical Colossus Type I, is also more useful than the driver to fumble for ten years.

Craftsmanship is the foundation of a person's life. Can they learn without the most respectful attitude?

On the side of Zhongyun City, Ye Qing and the other monsters were not idle.

Now Ye Qing has always focused on building construction. After unremitting efforts during these days, the industrial base at the bottom of the building has been completely constructed.

The total area is 12,000 square meters, divided into three floors.

The bottom is empty, and only the lighting is installed. Once the independent water and oxygen supply system at the bottom is installed, the inside can easily meet the living requirements.

Of course, Ye Qing does not take it there. The private living area on the top of the building is his paradise for enjoying luxury life.

Like many high-rise buildings, Ye Qing is also preparing to install a private helipad.

And in order to have the beautiful diamond-shaped appearance of the building as a whole, Ye Qing planned to design the helipad as a hidden type.

It needed to land, the glass curtain wall at the top of the building slipped, and then it stretched out of the apron by means of the hydraulic strut.

Technically, this is very easy to achieve. Even a double-engine civilian helicopter weighs only three to four tons under full fuel. The hydraulic brace supports 50 tons, and the weight of hundreds of tons is very easy.

Millions of tall buildings have risen to the ground, and the steel structure of the industrial base and the main pillars is now set up. Naturally, the construction of the remaining twelve primary support columns and the six hundred secondary support columns designed by the Chronicles Studio will be carried out.

These form the foundation of the Monster Heavy Industrial Building. In order to complete the excavation work of the pillar pit faster, the Master Craftsman specially made four sets of rotary drill bits for the Mechanical Colossus Type X, and a detachable drill pipe of 15 meters.

At this time, those construction companies were guessing how the giant monsters would dig pile foundations under the civil air defense project. Now the answer is revealed, the Monster Heavy Industry uses a surprisingly large number of steel walls, stiffly lifting the air defense project.

This technology, even if it is not included in the cost. Those big construction companies can do the same thing, of course, but no one wants to do this kind of thing.

It just won't work like that, and it's not enough to support it. He has to move the civil air defense project.

This feat is just a sin to think about, but Monster Heavy Industry dares to take it.

For the purpose of the study, the group of guys upstairs in the Blue Sky Building has not withdrawn.

Because of the perspective, the group could only see a Mechanical Colossus Type X, digging a column pit on the crisscross steel wall.

The Mechanical Colossus Type X replaced tools similar to a large wrench, and a row of drill pipes and a three-meter diameter double bottom drill bit were placed beside it.

How long will it take for this group of people to drill out of a pit?

Two hours, five hours, ten hours.

With three choices, the group took out red tickets one after another, intending to focus on the time they thought.

"When a rotary excavator digs the common ground, it can dig four meters deep in an hour. I think the column pit here must be at least 50 meters." Inside the most technical Lan Ge thought: "because of the giant's physique, I feel it's not too much to dig 20 meters an hour, so I'm the first one with 500 Yuan."

"I think it is large, but it is not a piece of professional rotary excavator equipment after all. This temporarily added powerhead is only suitable for excavating shallow column pits. Without a drill pipe frame fixed, the deeper the excavation, the more it shakes bigger. "

"There are only about twenty meters of space, and the back of the drill pipe has to be unloaded, so I say 500 Yuan for ten hours."

"Then I will be in the middle."

These people are still discussing, the Mechanical Colossus Type X by the foundation pit has moved.

"Squeak ~ Thump ~"

The drill bit was fast-forwarded twenty times. That is, the banknote was pressed against the table, and the three-meter-diameter drill bit had disappeared to the ground.

"Bang ~"

The drill pipe was pulled out like a radish, and then the drill bit was reversed, and a lot of moist soil was poured out of the pipe.

With the frequent nodding of the drill pipe, the fifteen-meter-long drill pipe completely disappeared in only one minute.

A billowing white mist rose from the rotating drill pipe.

The white mist quickly dissipated. The steel wall corridor below the civil air defense project was located underground at a minus 22 meters. There was no breeze here, so the rising white mist could only gather in the steel wall corridor.

The frictions cause high temperatures, and the high-speed rotating drill bit becomes hotter, which will naturally scorch the soil.

In the smoke, another mechanical arm is screwed into the second drill pipe. And the second drill pipe is removed when the mud is poured so that it repeats itself.

This white mist made some people upstairs unable to see the inside. Some people said it was water vapor, and some people said that it was the smoke that was intentionally omitted by the workers below.

The Mechanical Colossus Type X is an enlarged version of the Mechanical Colossus Type I. In theory, what the X-type can do, the I-type can also do it.

Maybe they cover their rotary excavation with smoke, maybe they don't want outsiders to learn this technique.

This does not prevent them from betting fun, which is blocked by a white mist. A few people who haven't bet yet can't judge the time needed to dig a hole according to the progress.

"I learned from Brother Lan, the first."

"The third pick is less, and I press it."

There were 3,500 Yuan on the table, and the last one was left with no choice.

However, holding the money in his hand, he was shocked with a hesitant expression.

The people next to him are still discussing what he can guess. Seeing his face changing like a Sichuan Opera master, brother Lan joked and said to the last man: "What happened to you, do you see your girlfriend downstairs and hug someone who is more handsome than you?"

Looking back, the gang was wrapped in expressions one by one, and their features were tangled together, and the complexity of the world's master could not be solved.

After more than ten seconds, this group of people woke up like in a dream, resentful. And gritted their teeth to recover their banknotes.

With their gritted eyes, the Mechanical Colossus Type X has grabbed a string of drill rods in the foundation pit below and headed to the next construction site.

The white smoke was blown away by the airflow driven by the Mechanical Colossus Type X, exposing a round column pit deep in the bottom.

[Chapter 304: Robot Testing](#)

All over the dark night sky, there are full of stars, like diamonds.

Longxi beach under the night sky, bright and brilliant lights from the top of the barren mountains, and magnificent factory buildings.

Longxi Beach under the night sky, bright and brilliant lights shot from the top of the barren hill, the magnificent plants, and factory buildings.

Inside the factory, there are huge rhythms and neat mechanical movement sounds, which echo over the factory endlessly.

In the transfer warehouse outside the factory, even in the late night, several single-arm robots manipulators are constantly loading the brand-new products just coming out of the production line, transporting them to the underground warehouse of Blue Sky Building for exterior decoration installation and product packaging.

Next to the transit warehouse is a new plant construction area where the foundation has been poured.

Due to the recent construction period of time. The schedule of all monsters is full. Ye Qing had to temporarily suspend work to support the foundation construction of the industrial building.

In the fourth stage, Ye Qing had a total of 80 monster recruitment places.

Eighty people were recruited by Ye Qing early on, but even if the monsters were worth one to ten, the Monster Heavy Industry still had a long labor shortage.

To this end, Ye Qing uses the factory's production line to the maximum extent.

The scale of the factory is really too big, and there is a Monster Industrial Building, occupying several monsters.

No way, Ye Qing has temporarily stopped even the factory expansion.

In fact, it is useless to build a new factory building early. Ye Qing can't recruit ordinary employees from society to work?

Even in the underground base, the core processing equipment of Monster Heavy Metal Smelting Center has 24 hours of non-stop production of alloy metals of various specifications.

This is why Ye Qing has no way of doing it and never intends to rely on smelting centers to produce various alloy plates and transport them to the metal wholesale market to make money.

The profit of the alloy sheet is far less than that of finished mechanical products.

For example, the common wholesale price of bearing steel in the market is 7,000 to 10,000 Yuan per ton.

Among the precious metals, the raw tungsten alloy bar stock is about 1.6 million tons.

With the effort to produce that one ton of tungsten alloy. What's wrong with Ye Qing when he has the ability to produce other things with that ton of tungsten alloy? Even a ton of titanium alloy crutches can earn more money than selling raw materials.

Selling alloy materials is the act of losing watermelon and picking sesame seeds.

But selling the finished product, Ye Qing calculated it based on the daily net profit. If he wanted to collect 15 billion yuan, it would take a full four months to fund the Monster Heavy Factory.

This money, even if Ye Qing went to find a bank loan, the bank quickly approve it.

After approval, it becomes a liability. In the manufacturing leaderboard statistics, these things are not recognized. Maybe because there are 15 billion debts in existence, they will be given a bad business label to reduce points.

The loan is not good. We can only earn by ourselves.

So the problem went round and back in Ye Qing's head. If he didn't want to wait four months passively, he could recruit more monsters to obtain higher technology for production and manufacturing.

Then Ye Qing can only develop a new product. The sales volume is based on the mechanical engineering chair, Mechanical Colossus Type I and fast engraving machine. The sales volume of these three products is very stable, and he cannot increase its revenue quickly.

Subsequently, let the monsters on the mechanical engineering chair and the monsters on the fast metal engraving machine production line temporarily stop to make new products.

Taking advantage of the once-in-a-lifetime opportunity of "She from the Alien" to be released nationwide in half a month. He earns a wave of money, as fast as the seven up went on sale.

The mechanical ergonomic chair and the engraving machine still have some stocks, and they can be topped for more than ten days without any stock-out.

In the old factory area surrounded by barren mountains, Ye Qing stood in the small factory that originally produced mechanical engineering chairs and conducted the first real product experiment.

This product is also one of Ye Qing's temporarily conceived product plans for the movie's release in the country.

Ye Qing wasn't sure whether he could get the results. He had to test it first.

After the assembly line of mechanical engineering chairs was completed, the original small factory workshop was changed to a non-standard product production workshop similar to a laboratory.

When the Monster Industrial Building is completed, the industrial base below will replace it and become a more hidden and advanced existence.

An HD camera that cannot be connected to the Internet, was placed beside Ye Qing.

If anyone sees Ye Qing at this time, he will definitely exclaim Iron Man is coming!

Because now Ye Qing is wearing a light steel alloy operation suit similar to a steel battle suit.

This "steel suit" does not have micro-nuclear fusion energy, and the front and back are only designed with light steel bone fit, but the two arms are more sci-fi.

The inner joint of the fully covered matte gray titanium alloy shell. With a passive miniature hydraulic brace inside. The joints to decelerate and simulate the "click to click". The rhythm produced by the mechanical joint when it moves.

In both arms and palm, each joint is equipped with electrical signal pressure sensors.

This operating technology, which is directly transplanted from the Mechanical Colossus Type I cockpit, can complete the command control with an accuracy error of a plus or minus one millimeter without external electromagnetic interference.

This alloy operating suit, its weight is about five kilograms and is powered by a 20,000 milliampere lithium-ion battery. It can continuously supply pressure sensors and the display on the lower abdomen for one hour.

The battery is designed as a quick-change mode, and with radio signals in the 2400–2483 MHz band, it can effectively control mechanical equipment 100 meters away.

This band is a short-range, high-bandwidth radio channel that can be used at will in the industrial and medical fields without the need for a radio license worldwide.

Even when transmitting high-definition images, there is no stuttering.

That's right, Ye Qing, together with Master Dao, made a remote-controlled robot.

In front of him is a mechanical device with four electric drive wheels and a standard adult upper body size.

Pure white metal mirror paint, with a full-motion camera on the top and a pressure sensor, can be synchronized with the human head to capture the picture.

This time, the arms of the remote-control robot completely simulate human hands, and the mechanical arm is insulated and has a slightly elastic engineering plastic as a protective shell.

Five fingers, the same kinematic joints as humans. The movements can be done with both hands.

After solving the most difficult human-like joint motion. This robot, which Ye Qing temporarily called [the first-generation domestic robot I]. Is not technically advanced at present, and even a camera drone is more complicated than it.

But simplicity does not mean the technology is low. If you are not convinced, you can try to imitate its mechanical arm.

"The first generation of domestic robots I, the first test experiment started." When Ye Qing started the camera, he remotely turned on the power of that robot.

Also purchased from the market is a very mature technology of lithium-ion battery power. But in the case of no breakthrough in energy technology. This robot can only power for 10 minutes on its own, and then have to run around with a plug.

Or walk to a room and rely on a long power cord to power it like a vacuum cleaner.

The indicator lights of the two cold-light devices light up. There is no intelligent software to control it. There is no need to start waiting. Ye Qing shakes the index finger and thumb and turns on the preset sensor to enable the password.

"Creak ~ creak ~ creak ~"

It gently lifts the arm and operates the passive hydraulic strut inside the garment, which brings a comfortable sense of mechanical movement to the arm. So, people do not have the feeling of air waving.

The robot ten meters away, without any delay, also raised the robotic arm.

Taking a deep breath, Ye Qing raised his hands and slowly moved towards the metal box next to the robot.

On the metal box, there is a set of teapots made of purple sand, which are used to decorate the door and two small glasses.

On the metal box, there is a set of purple sand teapot used by Ye Qing to decorate the facade and two small glass worms.

[Chapter 305: Annoying Tes](#)

When touching the teapot made with purple sand, Ye Qing feels more nervous and complicated than the first time to loosen the elastic buckle behind the girl's back.

Fortunately, apart from nervous, Ye Qing did not feel tired except for the tension when lifting the operating arm.

Because of the internal passive hydraulic joint, it can greatly reduce the weight of both arms.

At the scapula position, there are also two sets of hydraulic support systems, which can make the arms feel relaxed and supported, but when moving they have a rich sense of mechanical rhythmic damping.

This damping design, as the second-generation of the Mechanical Colossus Type I driver operation equipment, has received a lot of praise.

The mechanical damping sense allows the robotic arm to filter out all small, unintentional clutter.

It's just like pressing the button on a luxury car. It's very comfortable to feel the damping. You can't help but press it a few times. At the same time, if you accidentally touch it, you won't misoperate on.

This is a masterpiece of spring washer and rubber washer.

The alloy operating suit on Ye Qing's body is composed of a multi-joint hydraulic rod made by the Master Craftsman himself. Whether it is technical difficulty or effort feedback, it is not in the same grade.

This feels like a gap between ordinary keyboards and top mechanical keyboards.

The electrical signal pressure sensor accurately captured Ye Qing's two-handed attitude and transmitted it to the hands of the robot.

Ye Qing was softer when it approached the teapot that was simmering with tea.

The manipulator completely squeezed the purple sand pot, and when it was lifted, it shook slightly, and Ye Qing slightly increased the intensity.

The other glass was also controlled by Ye Qing and lifted up gently.

There was no difficulty in pouring water. The purple sand pot was gently aimed at the glass, but it was only slightly sprinkled and was quickly adjusted by Ye Qing.

The water cup is full, Ye Qing controls the robot and slowly puts things back.

"The first generation of domestic robots I, the first test experiment was successful." Ye Qing opened the second video with the remote control: "The second time, the normal speed experiment."

If you focus on home robots, you must have a speed that normal people can accept.

With such a slow pace, bomb removal experts are as careful as the speed of demolition of a bomb. And it is naturally impossible to promote it as a qualified product.

In the second test, Ye Qing no longer was cautious. But just like drinking tea and pouring water as he does it every day. He stretched out his hand and pinched the purple sand pot again.

"Click ~"

On the metal platform, this fine red clay pot with the reputation of "how to choose the jewelry of the world. It is like a pile of clay in the sun?" it was cracked into a pile of fragments.

Ye Qing had no distress. He could use a teapot with a glass to drink tea, which means that he didn't care about these things.

With the other hand, he also uses a very natural posture to grab the glass filled with tea on the metal table.

I don't know why this time the glass was firmly held in the hand. Only the tea in it, because the speed was too fast and a little bit spilled out.

"Experiment is half the success." Ye Qing shook his head. It seemed that even if he was controlling the robot, he had to pay attention to the feeling of indefinable.

It's a pity that only monsters can keep this feeling.

At present, the palm of the robot has a grip strength of one hundred kilograms. If the final test fails, this number can be appropriately reduced, or a pressure sensor can be installed to give the alloy operating material resistance feedback.

As for the intelligent identification system, to judge the soft and hard degree of the object, and then adjust the strength of the robot with the equipment. Ye Qing temporarily does not have this technology to engage.

Even Google, which is at the forefront of smart technology, intelligently judges how hard or soft an object is. It can only rely on image recognition technology to compare the parameters of known objects in the database.

This is unreliable and slow.

Turn on the recording video again and Ye Qing conducts the second set of tests.

A low gas frying pan was placed beside the metal platform.

Pots, pans, pans, oils, sauces, vinegar, everything, and two pounds of cleaned green mushrooms.

"The first-generation domestic robot I, the first cooking experiment started." Ye Qing turned on the sensor again, and the control robot moved slightly two steps to the frying pan.

If he does it himself, Ye Qing can cook a serving a dish of green vegetables and stir fry mushrooms very skillfully.

The robot operating. Ye Qing first sticks the knife into the chopping board the first time. Holding the shiitake mushrooms with the other hand and directly knead the shiitake mushrooms into the chopping board!

This can't be done happily. Ye Qing simply controlled the robot to open the gas stove with very slight movements. Pull the oil cap off again, and grunt and pour dozens of grams of vegetable oil into the frying pan.

The frying pan is heated until it smokes, and the puller of strings is holding the slick mushrooms and stir-fry.

A spatula of mushrooms flies out four or five-time, and the second spatula is still like this. Ye Qing simply throws the frying pan angrily swiftly, controls the robot, and shakes the stove like those chefs.

The same is true for green vegetables. After taking out the stove. Ye Qing broke the jar and had a broke mentality. And turned the wok in the mechanical hand into a flat boat among the ten-level waves.

Ordinary people dare not to play this hand, and the most direct consequence is the splashing hot oil burns the face like start a fire.

But now the robot has been drenched with half of the hot oil and remains indifferent.

The saltbox was overturned when adding salt. The chicken essence can be ignored. In the end, the pot of green mushrooms was poured into a dish. There were only three poor mushrooms and seven or eight green leaves.

Ye Qing bravely tasted a mouthful and ate a mouth full of paste and bitterness.

Ye Qing did not believe this evil.

Before the robot was built, the Master Craftsman especially had tested the performance.

In his hands, the robot is just two hands extended, not to mention cooking, and typing quickly on the laptop keyboard is fine.

An alien notebook lay there quietly. This was Ye Qing's third project.

Although I already have been in the mood of buying another one, it seems that there is no need for this kind of test to know it will fail 100%.

This is totally different from operating the Mechanical Colossus Type I. The Mechanical Colossus Type I face large objects, there are a few centimeter errors in the operation, and it has no effect at all.

The robots don't work well, because of remote operation, and they lack the sense of judgment that is close at hand. Ye Qing reached out and touched the soy sauce bottle. A little faster, he could flip the soy sauce bottle.

Continuing to practice, Ye Qing doesn't believe that with the help of the robot, he can't make a whole dish that can be imported?

A green leaf and shiitake mushrooms in a snakeskin pocket were caught by Ye Qing.

These are all taken from the company cafeteria. Before cooking, he was a bit too angry. This time, Ye Qing decided to calm down and hone its skills slowly.

Continuing to return to the speed of demolition. Ye Qing a little focused on using a robotic hand, picked up a kitchen knife, cut red mushrooms like a red and yellow thread.

This is also a bit like driving a car, as long as it is slow, nothing will go wrong.

It was only in the process of pouring vegetable oil that Ye Qing could not slow down.

Because the pan is on fire...

Some hurriedly poured in the raw materials. Ye Qing moved the pot away from the fire source and slowly practiced manipulating the spatula.

After practicing for half an hour, the number of unexplainable feels was increasing, and Ye Qing put the wok on the gas stove.

That night, Ye Qing will polish up the whole raw material of a snakeskin bag.

The next day, when Ye Qing went to the company. He took ten prototypes, ready to let the company employees experience it. And put forward suggestions for improvement by the way.

[Chapter 306: Absolute Security Is Important](#)

When ten prototypes were brought to the company, they immediately attracted the attention of a group of employees with an average age similar to Ye Qing.

When they heard Ye Qing say that. This is one of the new products the company expects to launch. To test, employees are rushing to wear alloy operating clothing.

Finally, the main test task fell into the remote operations room of the transit warehouse.

These employees have a lot of operating experience. They can control the robot to do some simple movements just after putting on the alloy operation clothes. They were familiar with it for a while. Ten robots were in the office area.

"Does anyone want to pour water?"

"Don't move, this trash can let me come."

"Give me this document and get busy with yours."

They volunteered to work. Unfortunately, after they messed up two things, they could only retreat to the corner and practice their own entertainment with brooms and tea sets.

They volunteered to work. But unfortunately, after having spoiled two things, they could only retreat obediently to the corner and practice their own entertainment with brooms and tea sets and other practical and fun exercises.

Then they opened their brains and began testing more advanced skills.

Someone is controlling the robot to write, some people have contributed their own notebooks. The control robot has their hands resting on the keyboard and mouse and is serious about typing, and takes a pair of scissors and trim the potted plants trembling.

In the afternoon, these staff, who have been testing the prototype, continuously send out a large number of experience reports.

At this time, the reports were on the conference table, where Ye Qing and several managers met to discuss.

In case...

Based on a score of one hundred, employees participating in the test can only give a maximum of forty percent.

The report sorted out three issues that needed to be addressed most, and dozens of issues that needed improvement.

The first is the operating distance.

The remote control equipment uses the 2400-2483 MHz band radio signal. It has the advantage of large data transmission in a short distance. Once the distance exceeds one hundred meters, the robot will have a video-like stutter scene.

If you move your finger, it may take a second for the robot to move halfway, or there is no response at all.

If the robot is controlled remotely within a hundred meters, it does not seem to have to do more than that. It is quite possible he can walk alone and complete what it's needed in person.

Of course, this is only a prototype, and no auxiliary equipment has been installed yet. Through the ubiquitous wireless network, or 4G network, remote control of the robot from thousands of miles away. There is no technical difficulty at all.

The second problem is the return of the monitor screen.

Observe the surrounding environment of the robot through an 8-inch display on the waist or control the robot, and it is very easy to predict the wrong position.

For example, the control robot reaches for the soap and feels half a meter away. In fact, it is close to you and you can touch it with a little hand.

At the same monitoring point. The larger the focal length, the closer the scene. And the smaller the focal length, the farther the scene feels.

With intelligent focusing, a VR camera with analog human eye function can be broken.

The third issue is battery power.

Ten minutes of autonomous power supply time can almost determine that when it is far from the power supply, it can only be reduced to a bauble.

This is because the robotic arm simulates human motion and seems to be the simplest action, and the robotic arm needs all the stepper motors and the main joint hydraulic system to participate.

There is also a prototype machine that is only equipped with a set of ordinary lithium-ion batteries. If a higher energy density cobalt lithium battery and a battery management system are used, the power supply time will be further improved.

However, at the meeting, it was not the focus of the discussion.

"Boss, this kind of robot has great potential in the field of explosive ordnance disposal. Dangerous industry and even medical treatment." The manager of the network department, Ji Ke, has a dignified look on his brow and worries: "it's just the core issue. How can we build a secure remote control network environment?"

"The robot arm 46 in the transit warehouse was hacked last time. We had to use physical isolation to prevent this from continuing.

"In case..."

"We use a remote network connection, then the possibility of being hacked and trying to steal the operation right is almost 100%."

"When a robot is used in a home or industry, stealing the right to remote operations is the most perfect crime. It can even kill people..."

"Without 100% secure network manipulation technology, we cannot risk adding network control modules and may not be able to obtain product certification certificates."

"We can ask for the Real Eye? Ask him to help us improve the shortcomings of network security." Sales manager Kong Tao is full of expectations: "He is afraid of the threat to his life, and we can very low-key not announce his appointment. And can help him with a bodyguard. "

The rest of the managers nodded; the mysterious Real Eye was really too powerful.

Since the last shot, the hackers have never invaded the company's network system.

Ye Qing doesn't know if he was scared or if the security software left behind by the Real Eye works. But no matter which one, it can prove the power of the Real Eye!

Ye Qing also understands the importance of network security. If this problem cannot be solved, robots cannot enter the commercial market.

Of course, robots are not the only products. From the perspective of the price and practicability, robots can't penetrate into the lives of ordinary people like Apple phones.

However, in Ye Qing's vision, the research and development and commercialization of robots are very necessary. The sooner they enter the market, the more important it is to build a product reputation.

It's like a regular phone, with a smartphone.

Once waiting for the monster factory to master higher intelligent technology, through the early word of mouth of old-fashioned robots on the market, it can completely lead to life-changing innovations around the world.

Before having dinner, Ye Qing sent another email to Real Eye.

Now he should start school and is studying as a graduate student in a domestic college.

The content of the message is simple:

"Is there an absolutely secure network encrypted communication in this world?"

Ye Qing received a reply from Real Eye, which was already after dinner. Ye Qing was in a meeting at this time, and the company's employees were asked to formulate an improved second-generation prototype based on problems found on the first prototype.

Even non-intelligent robots have ample market space.

This is based on Ye Qing's investigation and analysis of common problems in life.

Receiving a new email, Ye Qing opened her mobile-phone mailbox and looked carefully at the long reply from Real Eye.

"There is only a relatively secure network communication method, and there is no absolutely secure communication method."

"No matter how complicated an electronic encryption lock is, it is no more than a key lock. There is too much uncertainty in the software, and almost all banking systems in the world have been attacked by hackers."

"Before we had a master in China, using the ATM machine's internal network cable socket, successfully transferred 500,000 Yuan to our account."

[Chapter 307: The Second Produc](#)

To be absolutely safe, 18 want absolute safety and they say: "We have to start only from the mechanical side."

This sounds like a contradiction. Through a network connection, it naturally has something to do with software transformation. How can it be mechanically related?

If you do not understand, ask.

Ye Qing followed by his hand and sent an e-mail in the past.

"Data encryption is actually a process of converting the plaintext into an insignificant ciphertext through the encryption function, and the receiver uses the key to decrypt the plaintext."

"Among them, the encryption method is written by the software. There is brute force cracking by large-scale computer groups, and even because a vulnerability exists, it is possible to obtain encrypted content without brute force cracking."

"Mechanical encryption, from the earliest Enigma ciphers to today's electronic ciphers, is a type of mechanical encryption."

"The current asymmetric encryption method, through dynamic digital certificates, and private keys that never need to pass data can be prevented from being brute-forced by computers using frequency analysis."

"The private key kept in the hands of the user is usually an independent dynamic password generated by the use of quartz crystals to generate vibrations according to the principle of time synchronization."

"This extremely cheap mass production key, as long as the key is not lost, criminals have lost the possibility of large-scale cracking."

"If more advanced industrial technology is used to create multiple encryption keys or independent keys. Only by physically stealing the key's body can the password be obtained."

"The weakest link in the password cracking confrontation is always on humans. The use of supercomputers in the hands of only a few large countries for brute force cracking is far from effective in training a thief or a spy. "

The explanation of the Real Eye made Ye Qing basically understand the principle of how to ensure communication security.

It's like the bank scam phone call now. The scammer is posing as an immortal, struggling countless thoughts. And its ultimate purpose is only to obtain a dynamic password.

The SMS dynamic password may be intercepted from the base station.

The electronic port token is usually only the size of a USB flash drive. Because there is no need to pass data at both ends, and data transmission is not possible, the condition of physical isolation is achieved.

In theory, as long as the password generated by the algorithm is exhausted. But changing the dynamic password once a minute allows the computer to be unable to calculate the correct password for a limited time.

If each key is made with multiple encryptions and independent craftsmanship, it can be more secure to avoid cracking.

Unless...

As in many spy war movies, the encryption system was developed at a huge cost. As a result, there was a traitor who sold tens of thousands of pieces of technology, or his head was given away in vain.

This kind of thing may happen in other companies, but here in Ye Qing, never.

Because it's not the people who make these keys, but the monsters.

By using a physical connection and integrating the key with the robot's electrical signal controller, the key can be lost and the robot cannot be started and operated.

It is enough to use this encryption method in the civil field. In the military field, once there is a war, there is no bottom line confrontation. Just by using full-band blocking or magnetic storm suppression, the robot can lie down.

When he was off working, Ye Qing returned to the factory with the documents he had sorted out.

At present, it is more reasonable to introduce two types of robots, one for home use and one for industrial use.

At the factory office, Ye Qing called Yan Zhaoge, owner of Phantom Technology Co., Ltd., to discuss the purchase of VR cameras and orders for VR monitors.

Batteries have to be re-purchased. At the same time, according to staff test reports. The full-cover alloy operating clothing is slightly tedious to wear, and it is better to be simpler.

There are also adjustments to the strength of the robot and a key production scheme, and...

Anyway, Ye Qing has to find a way to dig out the Real Eye.

If he can be invited to join him, then Ye Qing will definitely increase his strength in the field of network security communication.

The improvement plan was listed one by one, and Ye Qing gave it to the master in charge to produce the second-generation robot prototype.

Later, Ye Qing started calling a domestic well-known precision sensor manufacturer to inquire about the price of the magnetic induction chip and the supporting digital processing system.

Robots are just one of the products envisioned by Ye Qing. When testing robots, Ye Qing was not so sure.

Because it does not have the slightest intelligent program at present, and the price will be very expensive. Among the families willing to consume it, one out of a thousand families is already a great success.

But robots are about whether Monster Heavy Industries can upend the traditional industrial manufacturing market in the future, like Boeing and Airbus. It is an important prerequisite to becoming an absolute overlord in the cutting-edge field.

The sooner this is naturally put on the market, the better, no doubt the best opportunity is when the movie is released.

The second product is different.

After launching this product, Ye Qing has absolute confidence that it can sweep the world like an Apple phone after its launch.

Even more tricky than Apple phones!

No ~ Ye Qing is confident that the sales of this product, especially among female users, will definitely be better than that of Apple phones.

And its price will be more pro-people so that it truly enters the lives of ordinary people.

Ye Qing made the first phone call to [Xichuang Future] Co., Ltd. in Dongguan City. The phone rang twice and was connected with a female operator with a slightly Cantonese accent.

"Your company can you produce magnetic induction chips with magnetic field saturation induction between 0.8 T and 1.5 T and supporting digital processing systems with an accuracy of 1.5 T?"

"The induction head is permalloy."

This operator has been supporting Ye Qing for more than ten seconds before I said please... please wait, I consult our technician.

Two minutes later, the phone was transferred to a man with a low voice.

"I'm Liu Dongyu, the president of Xichuang Future. May I ask?"

"Ye Qing, President of Monsters!"

"Monster... Monster Heavy Industry?" Liu Dongyu was surprised to have a knot in his speech. Obviously, this person has heard of the name of the Monster Heavy Industry.

"I also use your company's mechanical engineering chair." After being surprised, Liu Dongyu was very excited: "The technician just called me and said someone would like to purchase a sensor made of Permalloy. I was still wondering who needs this kind of thing. "

"It turned out to be Mr. Ye. Mr. Ye has good eyesight. Our core technology for manufacturing magnetic induction systems is second to none in China."

"We can produce the products you want. I don't know how much Ye always wants to buy?"

"For every 1000 more sets that start with 100 sets, the price will be reduced by 1% and the top price will be capped by 20%." Liu Dongyu's eyebrows are all crowded together. He knows a little about Monster Heavy Industry. The products produced by this company are just profiteering. If we can build a cooperative relationship with him, then it will be underdeveloped?

"How much does it cost to set the parameters absolutely?"

"Two thousand sets, how much do you book?" "

"I want two production lines for this magnetic induction system and supporting production technology."

[Chapter 308: Roadblock](#)

The magnetic induction chip and the supporting digital processing system are one of the components for producing strongly ionized sewage treatment equipment.

At first, in order to treat Longxi Beach sewage, Ye Qing purchased a Siemens magnetic resonance machine only to remove the internal electromagnetic induction components.

The rest of the whole waste iron is still there, making Ye Qing distressed.

If he doesn't do this, there is no way. The domestically made induction components cannot meet the working requirements of that strong ionization decontamination equipment.

Siemens produces a range of twelve high-sensitivity alloy sensor heads with special coatings.

Now Ye Qing intends to make another completely different product from sewage treatment equipment. It is also Ye Qing's very confident product that can cause hot fists.

Its power is much lower than that of strongly ionized sewage treatment equipment, and the domestic induction system can be used.

And the special coating of Permalloy induction head.

Ye Qing can confidently manufacture higher technology content than Siemens.

There is a supporting digital processing system that Ye Qing cannot make. There is also a technological gap between domestically produced and Siemens. But that huge gap is in the high-end field of 3.0T.

This 1.5 T standard already has dozens of mature market technologies, and the gap with foreign countries is not too great.

Ye Qing opened two production lines and a full set of technology.

Xichuang Future's production line was also imported from abroad, and then gradually improved and produced some small patents of its own.

The technology was created to increase company profits.

As long as the price is right, Liu Dongyu thinks it doesn't matter if he sells the company.

"Well, I will send a company team to discuss the purchase agreement with you."

Hanging up the phone, Ye Qing turned on the computer, locked her eyebrows and used CAD to create the appearance of the second product.

This is a completely different product based on the principle of strong ionized sewage treatment.

In Ye Qing's plan, this kind of product should have a very exquisite appearance, and it must also have a sense of quality.

For example, it is made into a very dynamic, some lines refer to the star-struck starship with a strong visual impact. But there is no sci-fi sculpting in one piece without any extra parts.

Ye Qing found himself almost becoming a professional product appearance designer. When he went to school, he saw CAD as he did enemies. Now create a new file for plane modeling and color rendering, don't be too skilled.

At eight o'clock, the renderings were outlined, and Ye Qing looked at the monster factory phone again.

The Master Metal Expert dispatched to Nigeria still has five hundred full cells.

Counting time, he should be able to fly back to China today.

Turning on the computer, Ye Qing happily went to chat with him.

.....

It's two o'clock in the afternoon in Nigeria, and there are two and a half hours before the Master Metal Expert can board an international flight to China.

The Master Metal Expert left empty-handed and he will come back with full hands.

In the mining area, it took only one day for the Master Metal Expert to become a grandmaster who everyone had to bow their heads respectfully.

It is not flattery. If anyone has nothing to do in a day and can repair all the damaged machinery and equipment in their mining area, they can get the same treatment.

The Master Metal Expert can be described as an artistic process. At the same time, the workers in the mining area are stunned, and the local security guards with the war genes in their bones are also stunned.

There is damaged machinery in the mining area. In their security company, there are also many damaged machinery and equipment waiting to be rescued.

In their eyes, the more powerful Master Metal Expert than the eighth-level fitter has become the god of omnipotent machinery.

They yelled with their local language that no one could understand and ran away with a pickup truck in a hurry.

When they came back, they brought a full set of damaged machinery with two Vietnamese trucks and a Soviet BTR-60 armored transporter produced in the 1970s.

This time the workers in the mine area dropped their chins again.

It's all...

What is that?

A high-level dual-use machine gun, a heavily painted howitzer that can almost be donated to the museum as a cultural relic. There are a variety of heavy firearms, and there are even several export models produced by China.

Stacks of RPG rocket launchers, several quick-fire machine guns.

The most noticeable, of course, is the armored transporter that needs to be towed by off-road trucks.

There is also a lot of messy gifts for the Master Metal Expert, and there is even a five-carat rough diamond in it.

These damaged old military types of equipment, if only from the perspective of complexity, they seem not as complicated as a hydraulic column splitter.

However, taking out any of these types of equipment in China is a major event that will shock the local public security.

Now there are so many people moving here and there so much at once, which makes the deputy mine director Qiao Pingxu a little embarrassed.

This dilemma is mainly concerned with the temper of the Master Metal Expert. On Nigeria's side, there are so many military types of equipment. Even in the mining area, there are independent firearms rooms.

The staff shooting training is held once a month.

But the Master Metal Expert has long lived in law and order and guns are strictly prohibited in the country.

In addition, some of his personality is really unpredictable. In case he gets angry.

This worry did not occur and the Master Metal Expert focused on repairing the damaged military machinery and equipment without even asking.

The armored transporter's engine broke down and was completely lost in maintenance value. The Master Metal Expert dismantled their off-road truck engine and replaced the suspension.

It is possible to replace engines of different specifications, but the Nigerians have never seen such a success.

Dismantle an entire casing directly and cut and riveted it precisely with the Mechanical Colossus Type I surgical operation. The whole process only takes half an hour.

Now even General Mopu, the actual controller of Anut area, knows the name of the Master Metal Expert.

If in ancient times, Master Metal Expert would fall into the hands of people like Cao Cao. and if there are another 1,000 years to stay there, he doesn't even think about going out.

But for now, General Mopu has no other way than sending high-level security personnel to accompany Master Metal Expert at the airport.

On the one hand, thanks to the growing influence of China in Africa and the fact that China's businessmen are their main financial owners, it is not easy to offend.

On the other hand, in the Nsukka region and the Anut area border, a large diamond mine was previously discovered. Now that General Mopu is actively contacting international arms dealers to prepare for war. How dare he offend this section to offend international friends who can increase his arms inventory?

Besides, the Master Metal Expert is very polite with gifts. After repairing for more damaged military equipment, they donate gifts and invite him to come again to visit Anut area.

General Mopu sent an escort with Master Metal Expert, and there was an hour's drive to reach the airport.

There are three cars in total, two Land Rover Range Rovers, and an old Mercedes-Benz SUV.

Qiao pingxu, the deputy mine manager, saw off and followed eight well-trained professional soldiers in the car.

The security company is just a company established by General Mopu. It is a shell company that collects security fees in disguise. The security members in it, in front of these eight professional soldiers, should not have too much difference in military quality.

The three cars were driving fast on the yellow sandy road. Qiao Pingxu and the Master Metal Expert were sitting in a Mercedes-Benz all-terrain vehicle in the middle, and two Land Rovers aligned precede them.

The journey was calm, but when the convoy reached a hilly area.

"Creak ~"

The first Land Rover suddenly braked suddenly.

On the road ahead of the turn, a scrap truck was standing there like a road rover.

The eight professional soldiers sat up instantly, and all took out their weapons to load.

Scrap truck without wheels!

This means someone deliberately dragged it here.

[Chapter 309: 1 Ambush](#)

The air-conditioning in the car is maximized, and even when walking on hot African land, the car is still extremely cool.

But the moment the scrapped truck appeared, everyone in the car except the Master Metal Expert was sweating.

This abandoned truck had no wheels, and there were bullet holes in it.

And it's too critical where it appears.

It happens to be exactly a hilly area. There are hills blocking on both sides of the road. It's also a turning point in the blind spot of vision.

"Back up and down." The soldiers in the car called out, holding the AK muzzle with the folding butt against the glass. The driver slammed into the reverse gear and stepped on the accelerator to reverse.

A truck reinforced with steel plates in the cab and cabin rushed out from the side of the hill. More than ten meters long and unbiased, just blocking the entire highway.

Inside the truck compartment, a row of black hole muzzles quietly erected.

The three cars were forced to stop abruptly, and the eight soldiers in the car were stiff, holding their AKs in their hands, and their brains were spinning rapidly to find a chance to let go.

They were hit by an ambush which was not wonderful but was very successful.

After leaving the sphere of influence of the Anut area, they were on high alert all the way. When the airport was almost reached, the nerves of the alert had been put down. After sending for the Master Metal Expert, they will go to a nearby famous bar for a red night.

If you count the law and order, the city where the airport located is the best of all the cities in Nigeria.

It is also the only city that does not allow guns to be carried in public. Although this ban can be fully enforced, it is only in a few public places.

No lack of fierce people dare to make war and conflicts here, but there is no reason that the foreigners who are hundreds of kilometers away and have no conflict with the local forces can encounter such a big scene.

Somewhat strangely enough, as the most important part of the ambush. The enemy must open fire first, but it was not carried out.

Once if the opponent fired first, the eight professional soldiers would be sieved by ruthless bullets, even if they were extremely able to resist.

Three men wearing bazookas and desert camouflage popped their heads from behind the wrecked truck, and they surrounded the convoy in a glyph shape.

"Remember, we are foreigners here. If there is a gunfight, we must not shoot." Qiao Pingxu looked at Master Metal Expert with a pale expression and explained: "As long as we don't shoot, they don't have reason to shoot. I want us to keep our lives safe. "

This time, the metal expert didn't nod.

Qiao Pingxu thought he was scared and stupid, and hurriedly took off Glock's holster from his waist, and threw it aside like a virus.

From the appearance of the three bazookas, the ending has long been doomed.

Not to mention off-road vehicles, even armored vehicles have to kneel on the first shot.

While the other party has not done anything, it is likely to have a purpose in it.

After disarming, Qiao Pingxu quickly took out his mobile phone and called, and he finds the mobile phone was not in the service area at all.

"It's a big deal." Qiao Pingxu's tears were almost coming out. For this ambush, the other party even used electromagnetic interference equipment?

Perhaps they broke into the only base station nearby and used AK and US dollars to shoot it in front of the attendant of the equipment technician and said: "Hey brother, please shut down the base station for half an hour." This simple way is more in line with their style.

A sturdy, sturdy man jumped out of the cab of a truck with welded steel plates.

"Throw your weapons and get off!"

An FNC-type assault rifle was held in his hands casually, so he walked over boldly, shouting with a warning voice.

The faces of the eight accompanying soldiers changed, and eventually, they chose to give up resistance.

Pointed by no less than fifteen assault rifles and three bazookas designed to bombard vehicles they dare not to resist that is the rhythm of changing the fireball in a second.

What if it is a misunderstanding?

They don't have any enemies here, maybe there is a silver lining.

The eight AK assault rifles were thrown away from a distance and the people stepped out of the door one by one.

In the end, they are just a group of rangers who have only received military training but lack the blood and the soul of the war. With a hint of life, they might choose to let go. Once they have hope, they can easily sell their organization.

"We... We are a security company in Anute. We are escorting a Chinese expert to the airport." The older soldier tried to describe himself more harmlessly.

Although Nigeria is chaotic here, most of them can keep a little rationality when dealing with foreigners.

Robbing the money of foreigners is fine, but if it kills people. The governments of other countries and the companies that stationed them must have something to do to calm people's hearts.

"Get off." This time the other party shouted in English.

Qiao Pingxu raised his hands and obeyed obediently, and the Master Metal Expert walked out of the car.

Seeing there was really one foreigner with a Chinese face in the car, the sturdy-eyed man scolded angrily.

"I know you are soldiers under General Mopu, not a security company. since you have left the city, we are watching you."

"In order to send the Master Metal Expert, even one of General Mopu's cars was dispatched." The man holding the winning ticket cursed, "We thought we caught a big lion such as his powerful assistant, and the result was one foreigner: "It's damn, we're wasting our time."

"You should be glad I have some fancy for these three cars, otherwise you will go to heaven to report at this time."

Having said that, he beckoned behind him to a truck with a welded steel plate.

Five armed men, armed with AK and loaded with magazines, stood up.

They jumped out of the car vigorously and looked at the hands of eight generals Mopu like a cheetah saw a fat antelope.

As he passed by, the lead goose smiled with a white tooth and said, "Send General Mopu's hand to heaven. The two foreigners were tied first like to see if they could squeeze oil from their bodies."

"Bring them to the side of the road and start working. I don't want the three cars to be scratched by the bouncing."

The other five laughed and nodded, put their hands on the trigger, and walked forward.

"What to do ~ What to do ~" Qiao Pingxu shook his head straight. And the sweat on his forehead showed the great fear he was facing at this moment.

The eight soldiers sent by General Mopu were even more uncomfortable. The former greed was afraid of death, and they had lost their only chance of resistance.

Although the ending was also the death one after one, at least it could have a good reputation for giving up his life for General Mopu.

They have already guessed who these people are.

They are under General Babro from the Nsukka region.

Originally, the two generals just disliked each other and only operated forces on their own sites. However, just last month, a large diamond mine was found at the junction of the two generals' territories.

For the possession of the diamond mine, the two generals chose to speak by force.

[Chapter 310: One Husband Goes Off](#)

Choosing force to show determination, it was clear that General Babro from Nsukka took a step first.

Discovering these three fairly high-end all-terrain vehicles from General Mopu which form a convoy, they can be very patient. When they head to the airport. They do this ambush. They were very daring to choose to do it on the road from an hour from the airport.

It is enough to show how powerful General Babro can be to have this mine.

"You... turn around." An armed man came over and shouted in English, and the assault rifle was hung casually by his waist.

Chinese people, he had yelled twice before.

Whether it's his own practice or listening to his colleagues drinking and chatting.

The Chinese who come here are all submissive and ready to be slaughtered in the face of armed robbery.

They don't need guns at all, and they just have to stand next to them and they will obediently give away their money.

Sure enough, when he came to Qiao Pingxu with a short rope, Qiao Pingxu obediently raised his hands.

"Haha ~" The armed man smiled high up.

"You... raise your hands." He tied Qiao Pingxu, and he shows another short rope to the metal expert and motioned him to cooperate.

At the same time, the armed man also noticed a detail. The young man, who looks like a candid man, with the elite white-collar worker like in foreign movies holds a briefcase in the LV Peugeot.

"I'll leave you alone for a while." Huaiyu thought and grabbed the Master Metal Expert's wrist.

This elite white-collar worker, who may have never even fought, he only needs to press hard on his wrist, and the other party will cry for mercy.

"Hold his wrist and squeeze it again."

"Ok?"

The armed man felt he seemed to be holding a steel pipe and that it was a solid welded steel pipe.

"My grass, how much strong?"

The armed man tried his best to hold the Master Metal Expert's arm with both hands, only to find out that the man was as powerful as a rhino.

Before he could yell in surprise, his hands were suddenly buckled.

The Master Metal Expert reversed the man's two hands with one hand, and the roles of the hunter and the prey instantly changed.

The temperament of the Master Metal Expert suddenly changed. Facing the muzzle of the black hole not far away, and the heavily armed personnel, his mouth angled upwards, revealing a slight indifferent smile.

There was indescribable pride in this smile.

A gust of wind blew through, blowing off his suit jacket, and there was a Glock who was handed to him by Qiao Pingxu.

Glock 18, a defensive pistol very popular with military and non-military personnel.

17 rounds standard magazine, with automatic and single-shot shooting mode, adjusted to automatic mode, can dump all ammunition in two seconds.

No one found out that the metal expert buckled the man's arm. Which seemed to be the rhythm of the metal expert being caught and tied by the rope.

The attention of these armed gunmen is also not here, because foreigners are also technical personnel and a scout and these armed gunmen can easily complete the binding task.

Those eight men who had undergone long-term training and were sent by General Mopu were the main targets of the embankment.

Everyone's muzzle was aimed at those eight generals. Three armed men with bazookas raised their aiming rods slightly.

Now that their men and women are going to bind the captives, they naturally need to raise the aiming rod to prevent accidental injury.

Glock was pulled out of his waistband by a metal expert. The terrible sense of speed, which changed from static to dynamic, made no one react.

The Glock was pulled out of the trousers belt from the Master Metal Expert. And the terrible sense of speed that changed from static to dynamic and moving made no one react.

From the Master Metal Expert clasps the arms of the armed man beside him until pulling out the Glock who is in his waist.

How fast is this moment?

Usually, humans deal with crisis situations in 0.2 to 0.4 seconds.

This is the time when a man sees a crisis situation and then his body reacts.

"Bang ~ Bang ~ Bang ~ Bang ~"

The Master Metal Expert's arm thrust forward like a sharp arrow. He raised the Glock in his hand and fired four shots in less than 0.2 seconds.

The sound of gunfire was rapid, almost connected.

Four armed men armed with guns are preparing to bring eight General Mopu to the side of the road. When the gunshots sounded, the four of them moved in an instant and then fell straight to the ground.

The Master Metal Expert turned against the men and they did not taste the bullet hitting their eyebrows. After he had issued Pavarotti and screamed loudly, the armed men who had to do a beautiful ambush in the truck woke up one after another and adjusted their muzzles unbelievably.

Someone was faster than them. The finished glyph was hiding behind an abandoned truck. Three heavy weapon personnel holding bazookas had just given their brains orders to lower the bazooka attack position.

The Master Metal Expert has already turned the muzzle, and the speed is so fast that Qiao Pingxu and the nearest eight unlucky ghosts. Visually, or in his mind, there is a feeling of a thrill that this guy is not human at all.

Three gunshots continued, and three blood flowers bloomed on the foreheads.

They didn't figure it out when their minds were frozen and they were enveloped by endless darkness. How did the Master Metal Expert do this, and with a wave of their arms? He didn't need to aim at three points and one line to smash bullets into their brows?

The moment the third person was hit, the Master Metal Expert rolled forward violently.

"Da Da Da Da ~"

The unique crisp sound of the AK assault rifle sounded. On the rear truck, dozens of armed men stood up, firing wildly at the position of Master Metal Expert.

"Poop poop!"

The bullets hit the ground, splashing countless Mars and dust, but they were doomed.

Because the Master Metal Expert had jumped a distance of four or five meters along the ground. And it was the armed man who was caught by the Master Metal Expert's wrist was beaten into a sieve.

At this point, he could no longer be called an armed person, because the AK assault rifle he was carrying was gone.

While dodging, the Master Metal Expert pulled the Glock again.

The last ten rounds were shot in a fan shape.

This time, the bullet did not bloom on the brows. It was like a sickle that cut grass, knocking down four armed men.

Qiao Pingxu's ghost screamed into the Mercedes-Benz SUV, and the other eight accompanied him until one of them was hit by an ankle with a jumping bomb.

They went to pick up the weapons they had thrown away, and the moment they picked up the weapons, they flew from hell to earth in an instant.

In the first two seconds, he still had a winning look and he was planning to take these three high-end off-road vehicles to his own armed leaders. At that moment, he was standing straight on the hot road.

There are two blood holes in his chest. is located in the center of the heart and is bleeding outwards.

In the movie, who are the Chinese people who sit in the office and taste the coffee elegantly, while processing the documents?

Why does he kill 11 of them with a pistol?

Unfortunately, he will never figure it out.

The Glock was thrown away, and the AK assault rifle full in the magazine was held in the hands of Master Metal Expert.

The team involved in the ambush no longer dared to look up.

They hid in the carriages welded with thick steel plates. And they looked as desperate as the eight soldiers who were responsible for the security of Master Metal Expert that they encountered.

The eight reborn soldiers held their arms and trembled, not like the Master Metal Expert.

Seeing the scene, the Master Metal Expert glanced slightly. They looked as if they were peerless, and almost stabbed their eyes.

This momentum is a penetrating power that erupts after you have absolute confidence in your professional field.

Fighting power of five means that his physical fitness is much higher than normal people.

Machinery is his life, and firearms are exactly one of the most classic products in machinery.

A Master Metal Expert who can play the Mechanical Colossus Type I's inverse function, whether it is driving machinery or firearms, has an innate talent.

"Jin... Jin... Master..." Qiao Pingxu hid in a Mercedes car, and tears in eyes were scared.