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# New Electric Tapping Machine

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# 1,Specification

| Model | Voltage | Max Work Radius | Tapping Range | Highest Speed | Tapping Direction | Standard Collet |
|---|---|---|---|---|---|---|
| SFN-1000-10T | 220VAC/600W | 1100mm | M3-M10 | 1000RPM | Universal Direction | GT12,M3-M10 |
| SFN-1000-12T | 220VAC/600W | 1100mm | M3-M12 | 600RPM | | GT12,M3-M12 |
| SFN-1000-16T | 220VAC/600W | 1100mm | M3-M16 | 312RPM | | GT12,M3-M16 |
| SFN-1200-24T | 220VAC/1200W | 1200mm | M6-M24 | 250RPM | | GT24,M6-M24 |
| SFN-1200-30T | 220VAC/1200W | 1200mm | M6-M30 | 200RPM | | GT24,M6-M30 |
| SFN-1200-36T | 220VAC/1200W | 1200mm | M6-M36 | 156RPM | | GT24,M6-M36 |
| SFN-1300-48T | 220VAC/1200W | 1300mm | M16-M48 | 50/200RPM | | GT48,M16-M48 |

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# 2、Features

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# Concise Design, Beautiful Appearance, Smooth Surface

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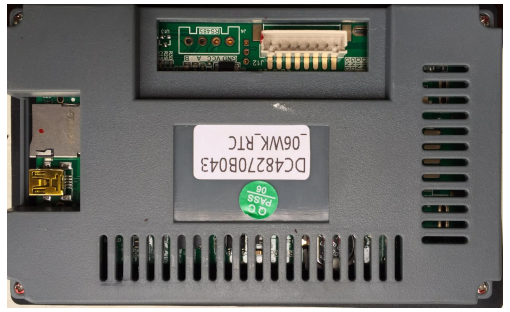
The new Electirc Tapping Machine is produced in principle of best quality,high precision and high value.

The main components of the PLC are original imported,such as modules,chips,capacitors and so on,new design to make better performance in oil and dust proof.

The serve motor is provided by the largest electric company in China,high cost imported optical encoder instead of magnetic encoder,higher precision and more stable.



Touch Screen

Old PLC


New PLC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New Model Old Model

The machine frame is thicker and bigger to make machine more sturdy and durable;

The power switch adopts one-button switch,which is practical and beautiful. It is matched military high-definition display and uses a cover to achieve dustproof and anti-collision.

New Model Old Model

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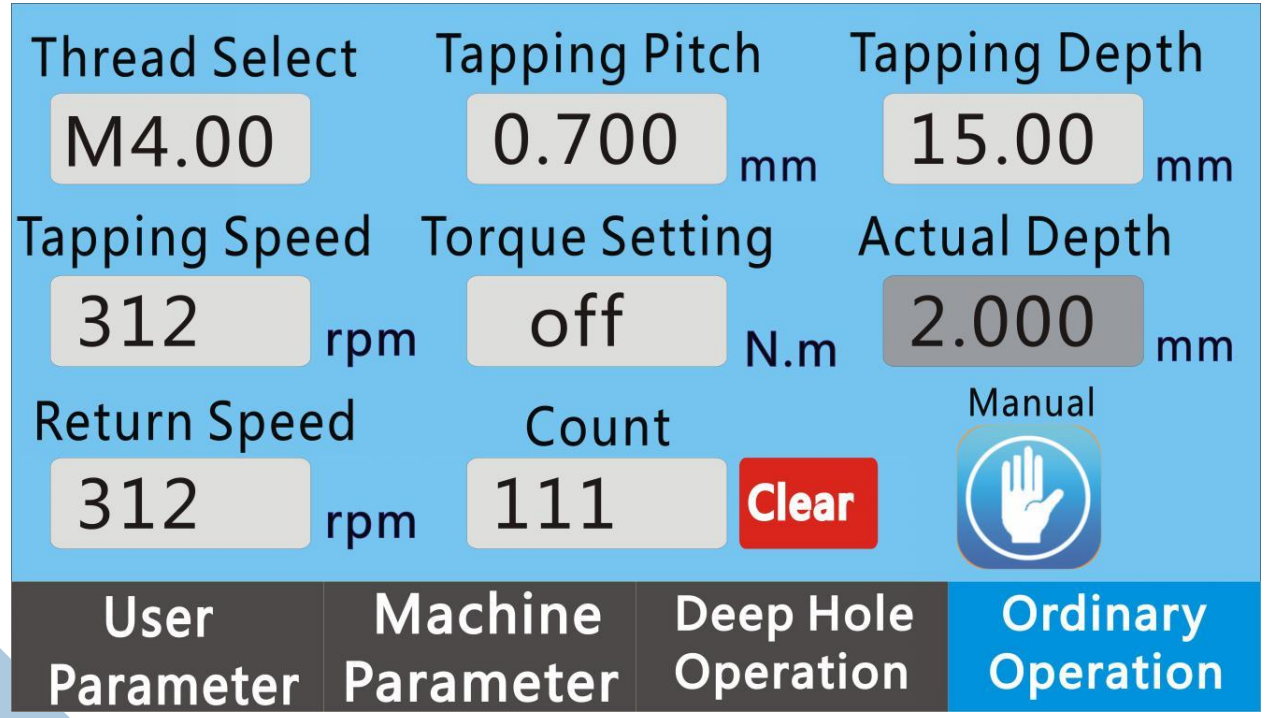
Touch Screen display interface more concise and multi-functional,easy to operate,with “Actual Depth” function to monitor real-time tapping depth dynamically.



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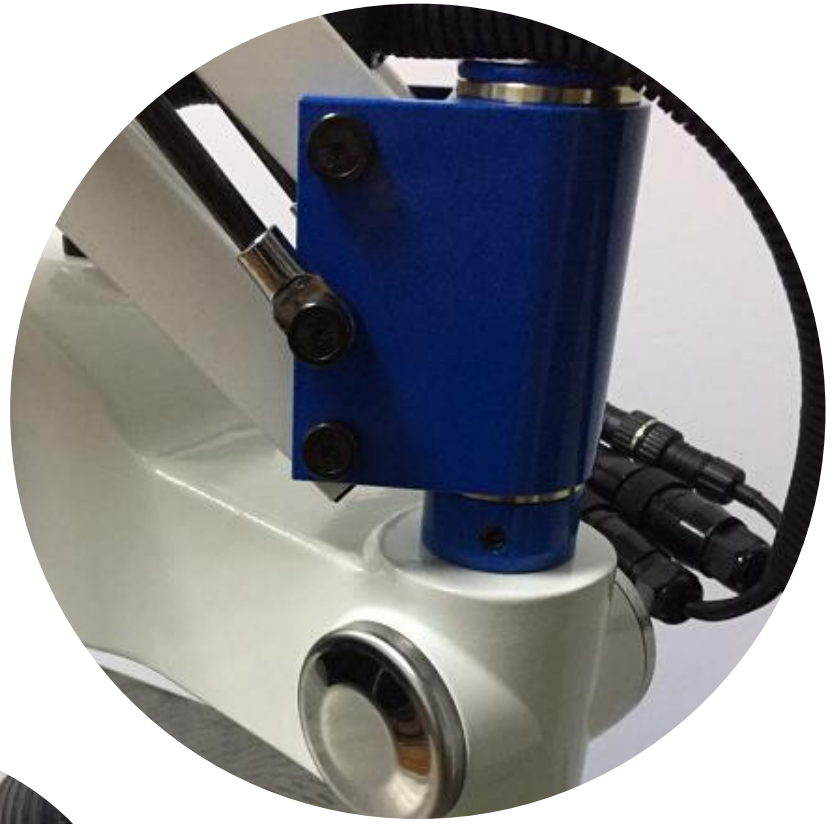
At each joint of the machine,the copper sleeve and the bearing are embedded to achieve the purpose of improve machine operation precision and flexibility.



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All the products passed eight links inspection after finished,also overload and anti-aging testing,which makes the machine more stable and powerful.

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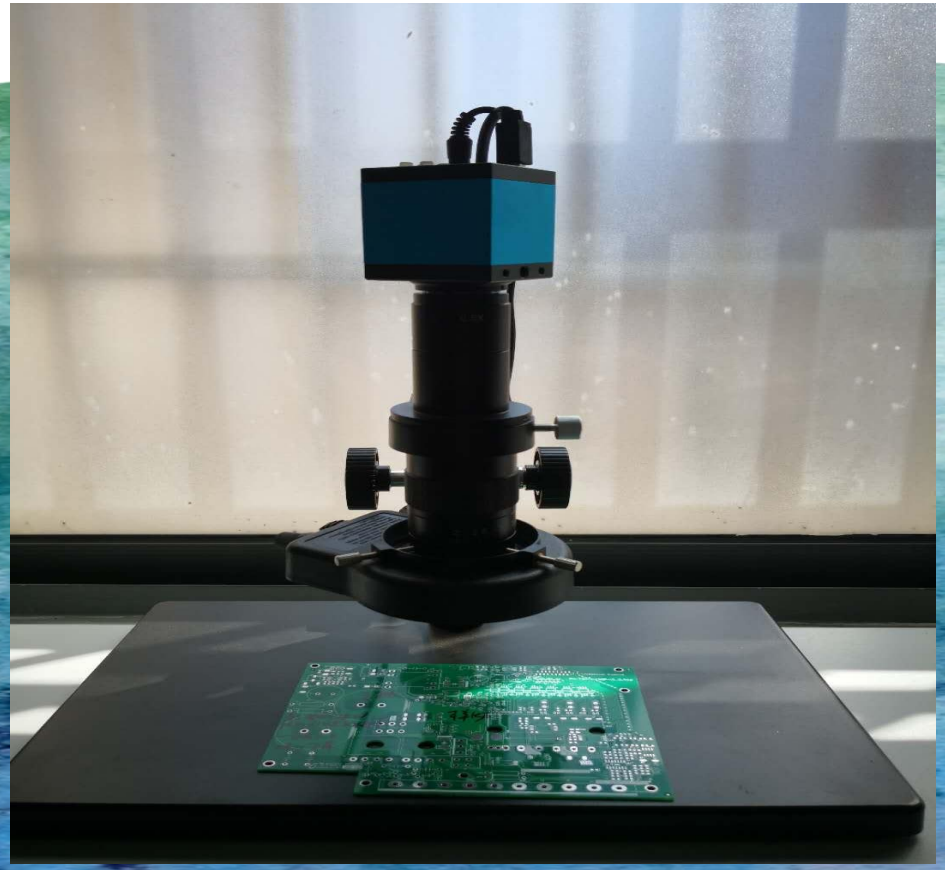
# 1. Operation - Power on

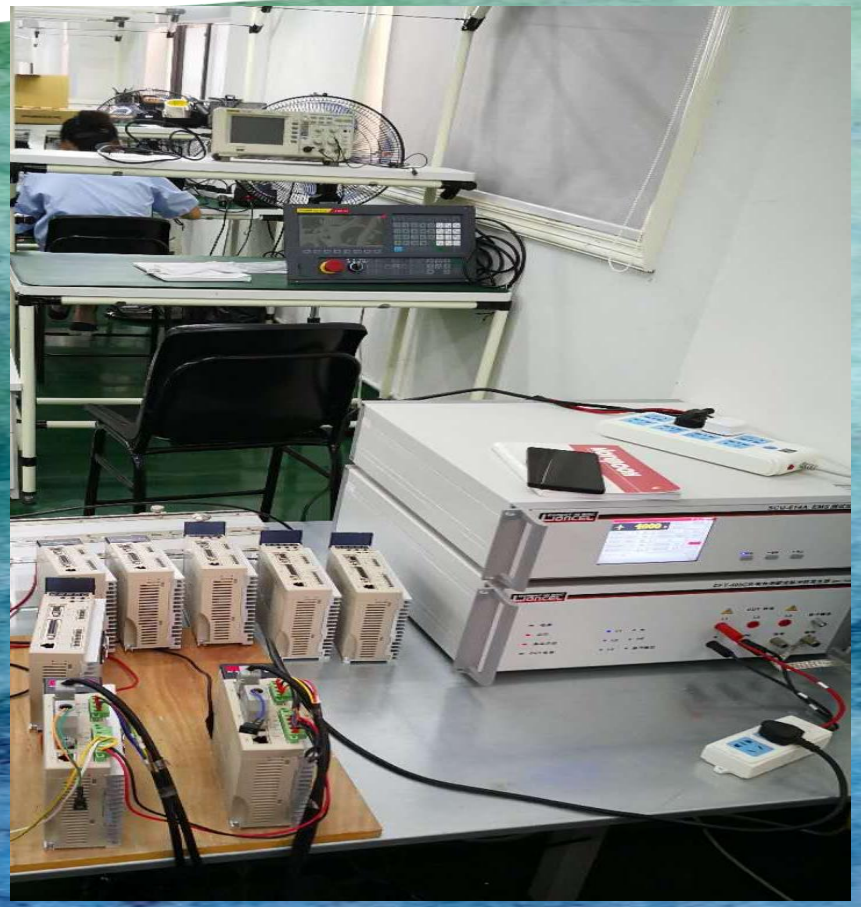
# 2.Production Testing

- Mainly to inspect output spot and solder joint on control board,driver board,etc.
- Testing tools: Electron microscope,Oscilloscope,Multimeter and special inspection tooling.



# 3.Group pulse Testing

- Mainly test the driver Anti-interference ability
- Testing tool: Group pulse tester



# 4.Dynamometer Testing

- Mainly test driver capacity to bearing 3 times overloads.
- Testing tool: Dynamometer

# 5.On-load Testing

- Through system control,the motor is running under load at forward and reverse rotation,mainly testing the machine full load operation stability.
- Test tools: System and inertia disk.

# 6.Aging test

- The machine is operated for 8 hours continuously in a 40--50 degree aging room,mainly to check the machine operating stability in a high temperature environment.
- Main tool: High temperature aging room

# 7.Wiring tooling Testing

- Using wiring inspection instruments to detect problem of on-off,pseudo soldering,and improper welding of the bonding wire.
- Testing tools: Various wiring tools and continuous connection detectors

# 8.Analog function Testing

- For some special industry professional machines,sampling 5% to simulation operation on the industry equipment to ensure the stability of the factory functions.
- Testing tools: various industrial equipments

# Quality Control Process

Besides the above eight quality control procedures,the following additional safeguards have been implemented:

1, Brush 3 times Anti-corrosion paint as standard.

2. The quality control staff are dispatched to the outsourcing factory for quality monitoring when there's patch production.

3. Appoint a quality control staff to inspect the workshop twice a day,mainly to monitor whether the production personnel work following to the operation instructions,ensure production staff high efficiency and attention,etc.

4. If quality inspectors detect finished parts do not reach pass percent in production simpling,all the parts will can not put into warehouse until all the problems are excluded in same day.