

Tecbell Precision Machinery Corporate Profile



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PART 1

Corporate Development

Forging a cutting-edge product ecosystem to propel China's intelligent gas solutions onto the global stage!

Shenzhen Tanabe Precision Machinery Co., Ltd.

Shenzhen Tanabe Precision Machinery Co., Ltd. was established in March 2006 in Qianhai, Shenzhen within the Guangdong-Hong Kong-Macao Greater Bay Area. In April 2007, the company successively registered and launched its "**Tecbell**" brand.

With an international vision, we are a large multinational corporation integrating R&D, manufacturing and sales of air compressor systems and vacuum negative pressure systems. Leveraging advanced technologies, stable quality, and comprehensive sales and after-sales service channels, we provide energy-efficient compressed air systems and vacuum negative pressure systems to numerous renowned domestic and international enterprises, earning high reputation in the field of gas solutions.

In 2006

Established in Qianhai,
Shenzhen

40000m²

Modern compressor
manufacturing center

20+

Domestic branches
across China

100+ countries

Core business operations
worldwide

Exceeding Class 1 Energy Efficiency Standards



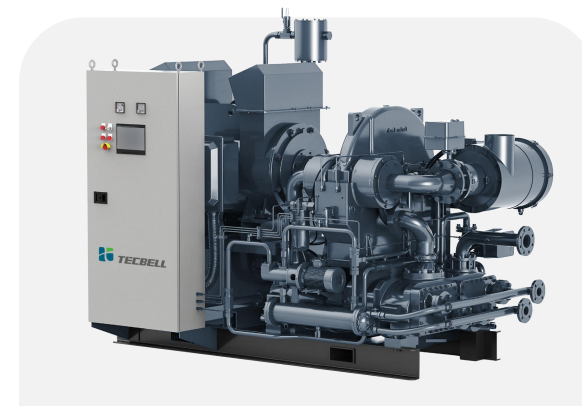
TA series screw air compressor



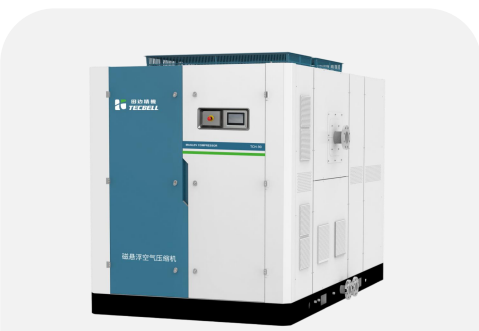
TN Series Dry Oil-free Screw Air Compressor



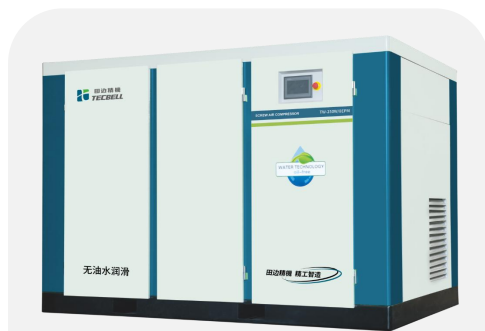
TB Series Micro-Oil Screw Vacuum Pump



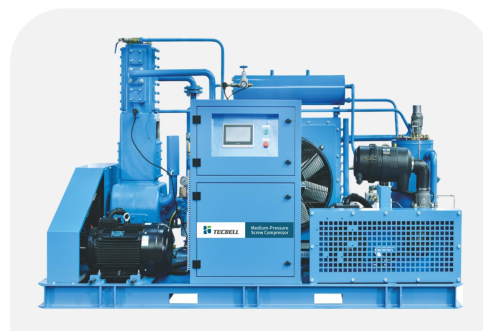
TH series centrifugal air compressor



TC series maglev air compressor



TW series oil-free water-injected screw air compressor



TM series medium-high pressure screw booster



TBV series rotary vane Vacuum pump



Air compressor for laser cutting machine

Tecbell established its production base in Wuping County, Fujian Province, founding *Tanabe (Fujian) Intelligent Equipment Co., Ltd.* - a fully integrated enterprise encompassing independent R&D, manufacturing, sales, and service. The company made substantial investments to construct a 40,000-square-meter modern compressor manufacturing center.





Corporate Mission

Building cutting-edge product systems to propel China's intelligent gas solutions to global prominence!



Corporate Vision

To become an internationally leading innovative enterprise in gas equipment!



Management Philosophy

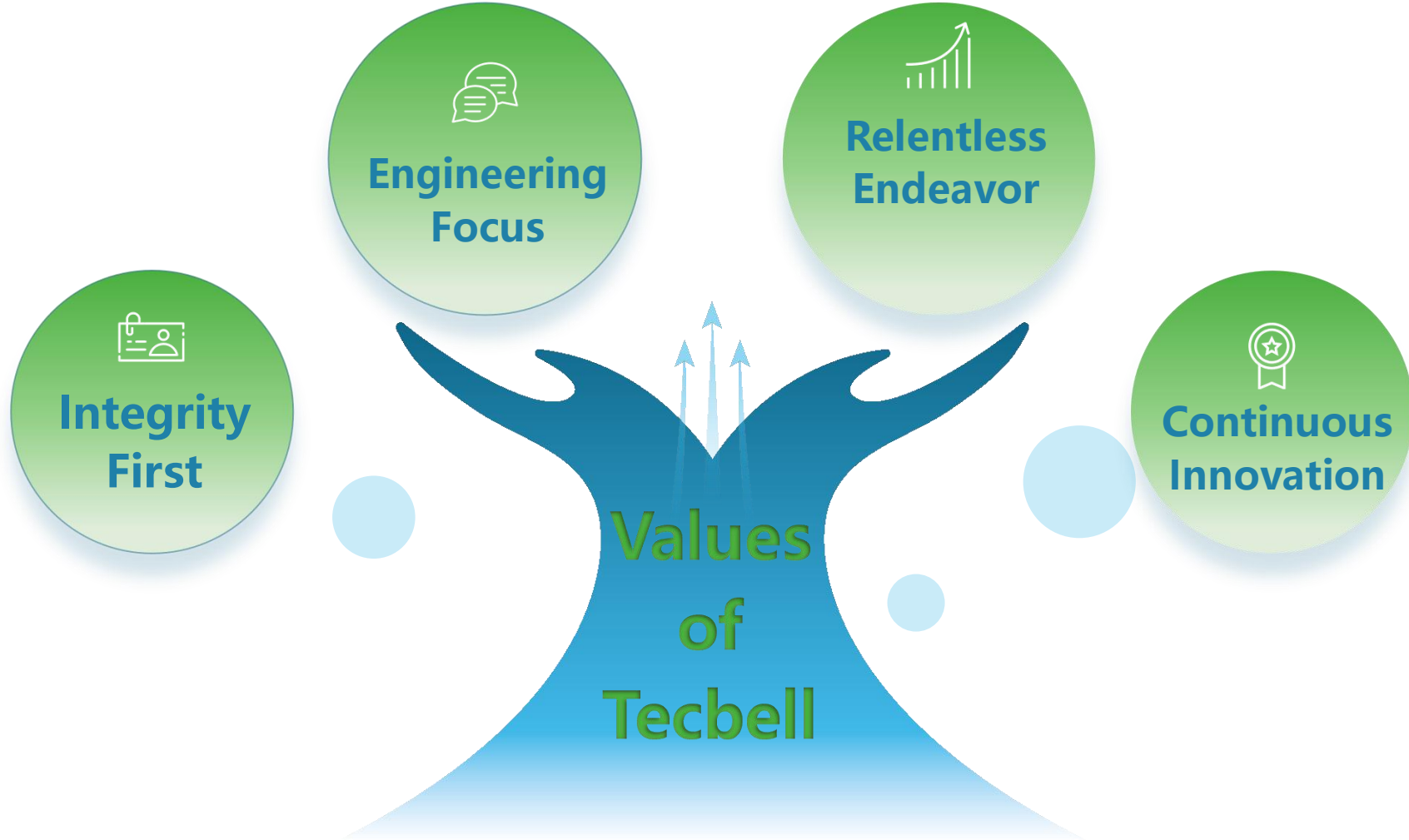
Driven by strong mission, maintaining supreme accountability!



Business Philosophy

Craftsmanship in quality, supremacy in service!





Tecbell upholds these four core values - Honesty, Focus, Perseverance, and Innovation - to maintain a people-oriented approach, create value for customers, share success with partners, and fuel sustainable corporate growth with positive energy.

Full-range certifications | Global & domestic brands



Certified craftsmanship | Precision manufacturing



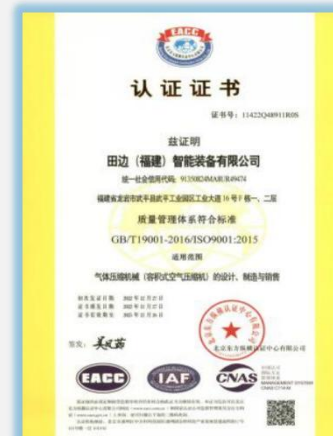
TÜV SÜD[1]



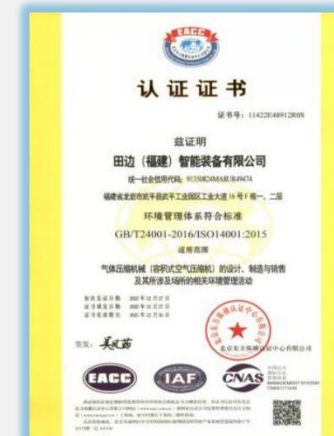
GCCA Product Quality & Safety Certification Certificate (Variable Frequency)



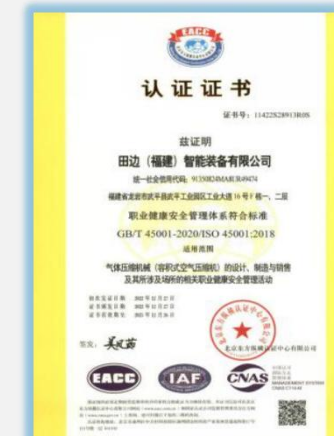
After-sales Service Certification for Electromechanical Products



ISO 9001 Quality Management System Certification



ISO 14001 Environmental Management System Certification



ISO 45001 Occupational Health & Safety Management Certification



TÜV SÜD[2]



GCCA Product Quality & Safety Certification Certificate (Mains Frequency)

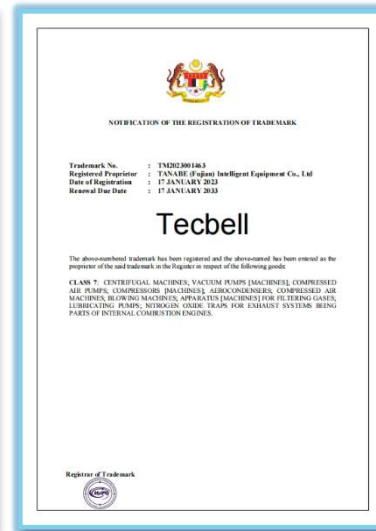
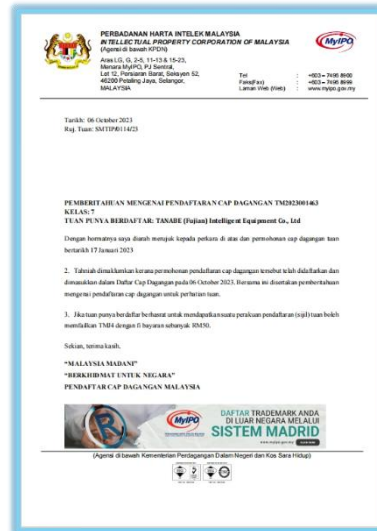
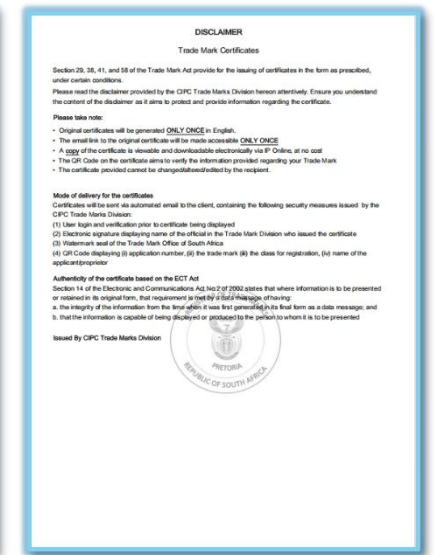


CE Marking Certification



Korean Trademark Certificate

South African Trademark Certificate



Malaysian Trademark Certificate, Class 7

PART 2

Product Portfolio

Complete product range includes: Permanent Magnet Variable Frequency Screw Air Compressors, Dry Oil-Free Screw Air Compressors, Micro-Oil Screw Vacuum Pumps, Centrifugal Air Compressors, etc.





Class 1 Energy Efficiency

- Exhaust pressure: 2~12.5bar
(16~30bar and non-standard models can be customized)
- Unit power: 7.5~355kW
- Volume flow: 0.86~108.2m³/min
- Cooling method: air cooling/water cooling

Class 1 Energy Efficiency

- Exhaust pressure: 2~12.5bar
(16~30bar and non-standard models can be customized)
- Unit power: 15~450kW
- Volume flow: 2.5~101.3m³/min
- Cooling method: air cooling/water cooling



TÜV Rheinland Oil-Free Certification | Ultra High Power Range

- Exhaust pressure: 4.5~10bar
(Non-standard models can be customized)
- Unit power: 37~450kW
- Volume flow: 4.4~102.1m³/min
- Cooling method: air cooling/water cooling



100% Oil-Free Compression with Pure Water Lubrication

- Exhaust pressure: 1.5~40bar
(With special process gas compressor)
- Unit power: 5.5~470kW
- Volume flow: 0.2~50.6m³/min
- Cooling method: air cooling/water cooling



Low RPM, Large Host Unit

Air compressor for laser cutting machine

- Exhaust pressure: 16bar
- Unit power: 11~37kW
- Volume flow: 0.95~4.2m³/min
- cooling method: air cooling



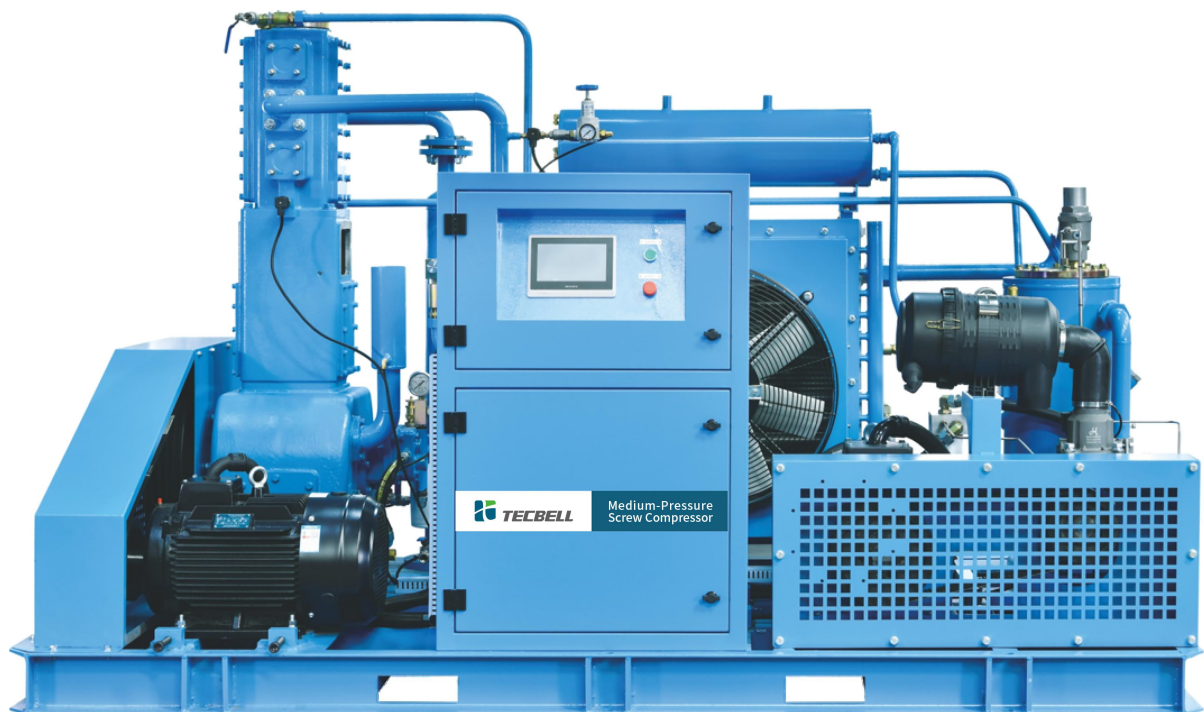
Three-in-one skid-mounted integration:

- Air compressor
- Refrigerated dryer
- Precision filter

Four-in-one skid-mounted integration:

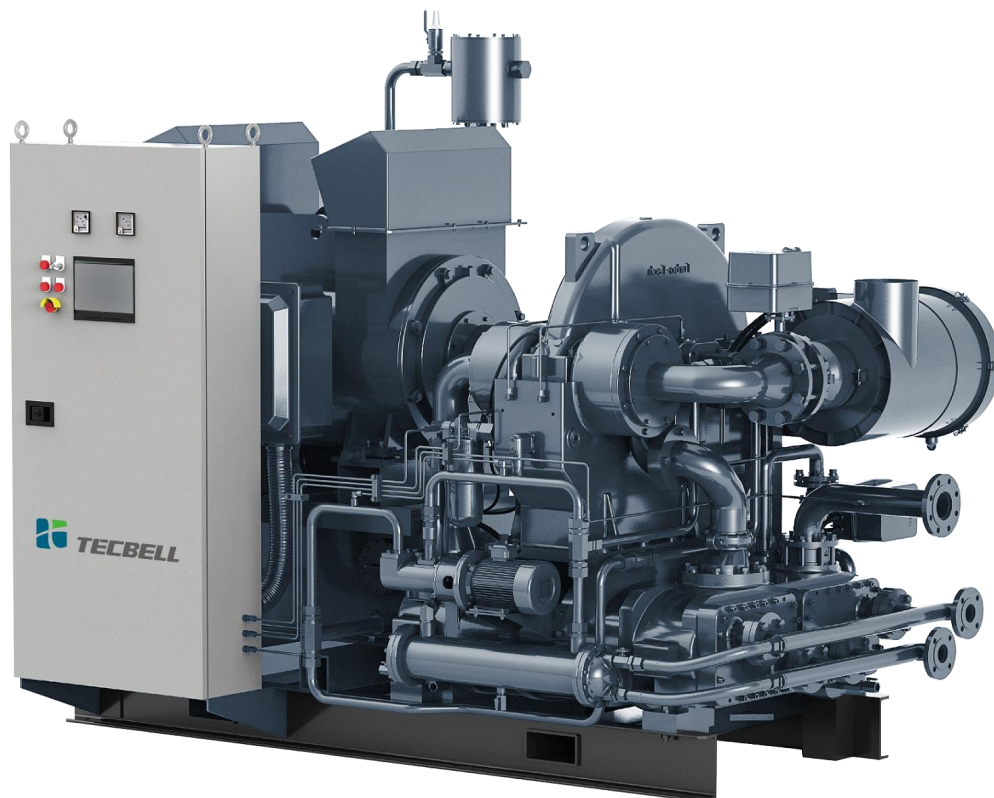
- Air compressor
- Air storage tank
- Refrigerated dryer
- Precision filter





Efficient boosting, diverse styles

- Exhaust pressure: 40~60bar
- Unit power: 26~250kW
- Volume flow: 2.6~60m³/min
- Cooling method: air cooling/water cooling



High-speed rotation, powerful performance

- Exhaust pressure: 0.6~150bar
- Unit power: 100~15000kW
- Volume flow: 25~1800m³/min
- Unit voltage: 380V/3KV/6KV/10KV/50Hz/3Ph



Self-Pressurized Lubrication System

- Ultimate vacuum: 0.4mbar(a)
- Unit power: 5.5~110kW
- Air extraction capacity: 450~6300m³/h
- Cooling method: air cooling/water cooling

EXcellent Performance

- **Ultimate vacuum: 0.5mbar(a)**
- **Unit power: 0.75~7.5kW**
- **Air extraction capacity: 63~300m³/h**





- Exhaust pressure: 1.5~4.5bar
- Unit power: 75~400kW
- Volume flow: 22~209m³/min



- Exhaust pressure: 0.25~1.2bar
- Unit power: 15~450kW
- Volume flow: 11~560m³/min



Air cooled freeze dryer



Water cooled freeze dryer



Twin tower adsorption dryer



Combined dryer



Twin tower nitrogen generator



Gas-liquid separator



precooler



precision filter



Three filter products

PART 3

Precision Intelligent Manufacturing

Stringent quality control to establish Tecbell Precision Machinery as a synonym for premium and reliability.





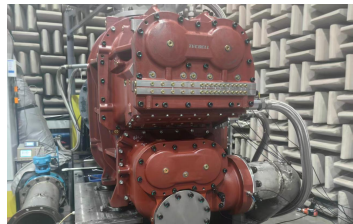
Professional Energy Efficiency Laboratory

- Energy efficiency testing
- Operating condition simulation
- Energy efficiency benchmarking
- Noise and vibration control
- Endurance testing



Tecbell Precision Machinery has implemented a comprehensive quality assurance system that strictly adheres to ISO 9001 quality management standards. We enforce:

- Premium material selection
- Rigorous production process control
- 100% pre-delivery testing (including performance evaluation and debugging)
- Zero-defect appearance inspection



**Incoming
Quality
Control**



**Machine
appearance
inspection**



**Process
performance
test**



**Factory test of
the whole
machine**



**Final product
review**



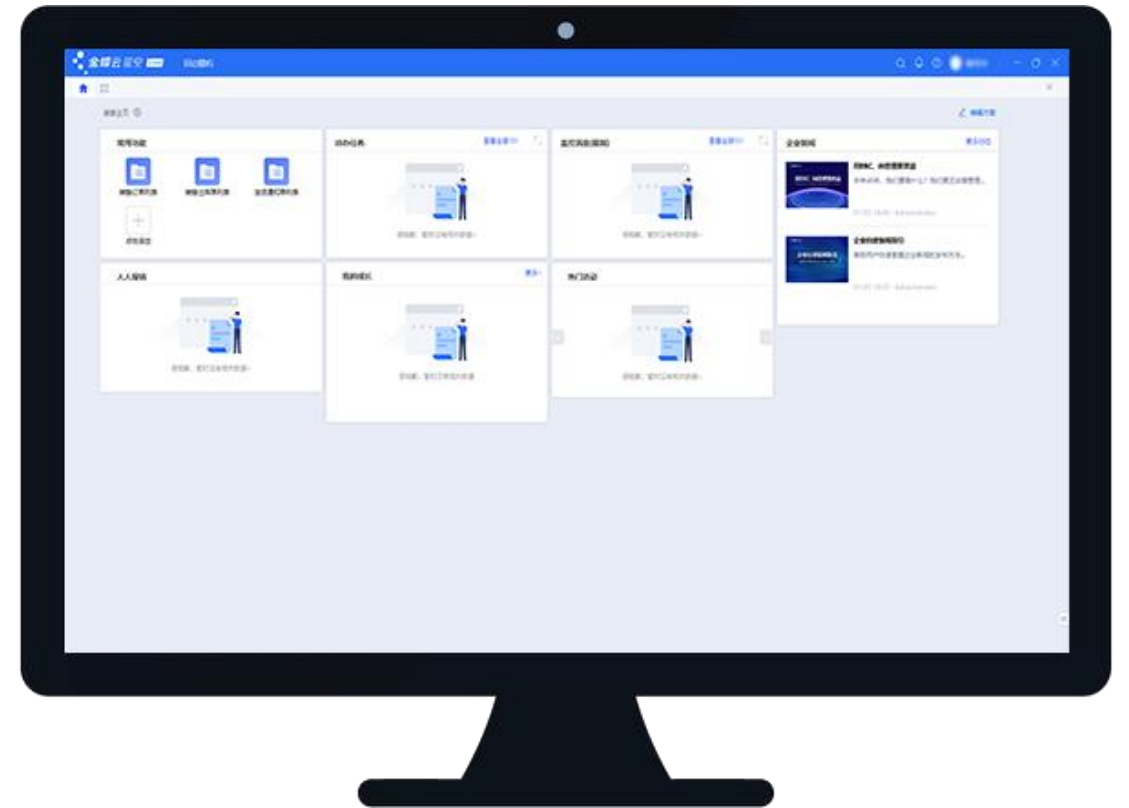
**Qualified
factory**

Our intelligent ERP system covers:

- Product design & planning
- Production management
- Supply chain operations
- Sales management
- After-sales service

Enables:

- ✓ Real-time material tracking
- ✓ Timely procurement
- ✓ Warehouse quality control



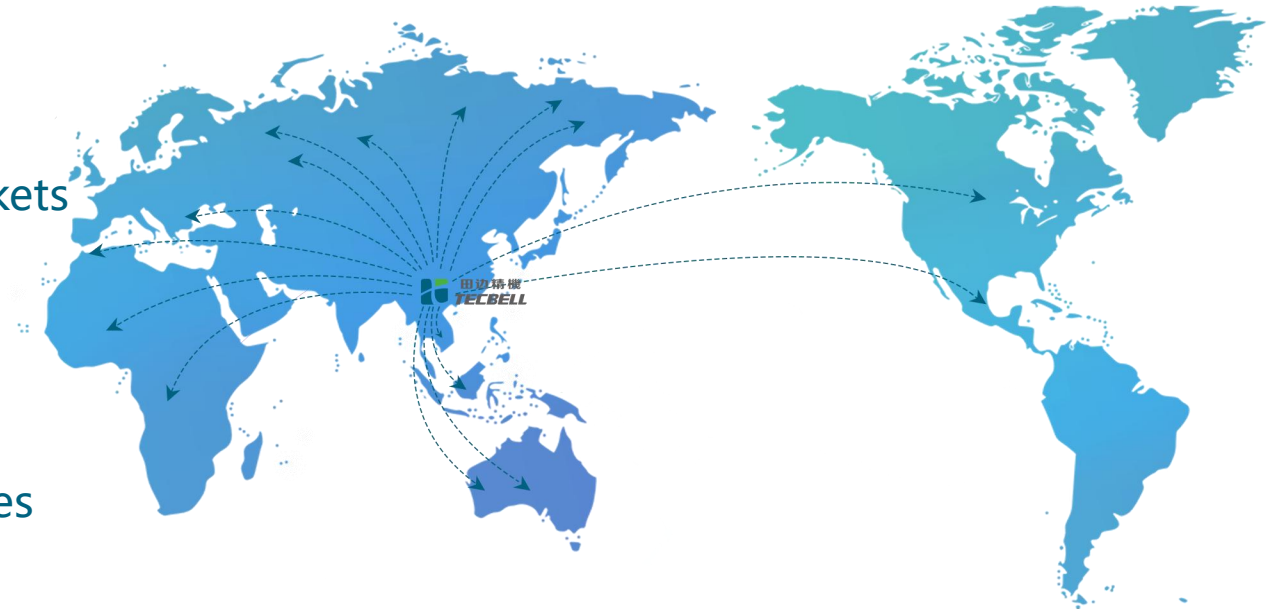
PART 4

Premium Service

Customer-centric professional services that exceed expectations through continuous perfection.



- Centered in Shenzhen HQ,
Supported by Fujian production base
- Covering key domestic regions and global markets
- 20+ branch offices nationwide
- Service network reaching all county-level cities
- Global distributor network across 100+ countries



- Real-time cloud data uploads (equipment status & operating parameters)
- Proactive fault detection and repair
- Predictive part replacement/maintenance scheduling
- Online one-stop service requests with traceable records



Showcase of Leading Industry Clients (Partial)



EVE 亿纬锂能



TCL



吉多宝

VISION 雄韬



天有为

XIN XIU
新秀新材



星和化工



金太阳股份



奥克莱集团
AOKLY GROUP



比沃集团
Biwo Group



中建二局



伟豪电路板



泰鹏科技



欣亿光电



朗奥科技
LAUNTECH



穗晶光电

希克斯
SIIX



和而泰



明泰微电子股份

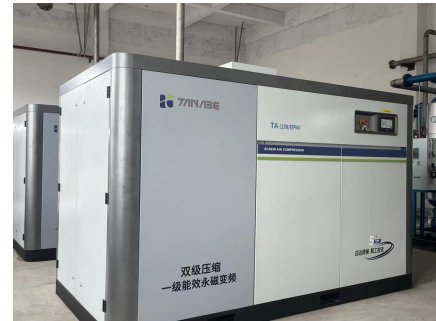


凯特汽车

New Energy Industry



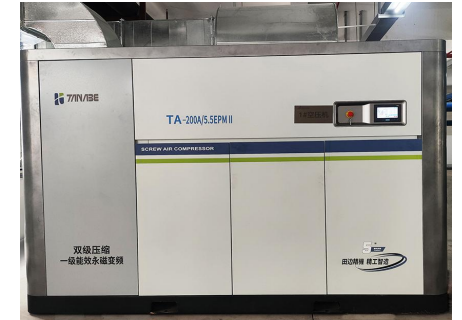
Optoelectronics Industry



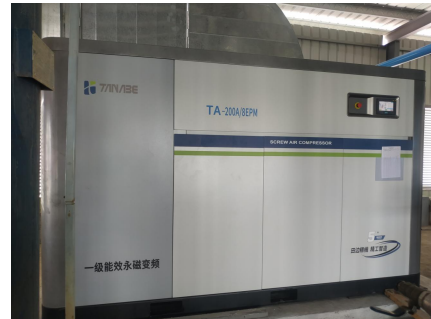
Printed Circuit Board Industry



Semiconductor Industry



Food Industry



Mining & Metals Industry



Learn More!



TECBELL

Tecbell Precision Machinery Brand Media Matrix

www.tecbellindo.co.id



THANK YOU

Permanent magnet
screw air com

- ENERGY EFFICIENT
- LOW VIBRATION
- HIGH RELIABILITY

Super first level energy efficiency/dual frequency conversion control system

Tecbell Indonesia

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