



# TATUNG (SHANGHAI) Co., Ltd.



INTRODUCTION

ISO9001:2008



Certificate: 00112Q28060RIM/3100

**WSF**  
ISO14001

**WSF**  
OHSMS  
OHSAS18001





SuperMax-841 Motor



Premium High Efficiency Motor



Injection Induction Motor



Oli Well Pump Motor



Roller Table Motor



EV Motor



Dust Explosion Proof Motor



Flame Proof Explosion Proof Motor



High Temp. Resistant Smoke Exhausting Motor



Gear Reducer Motor



Synchronous Motor



Large Vertical Motor



High Thrust Motor



Wound Rotor Motor



Large High Voltage Motor



High Voltage Motor

# TATUNG SERVE THE WORLD

MOTOR 1/4HP ~30,000HP



1

Vision

3

Tatung (Shanghai) Co.,Ltd Introduction

5

Low voltage general purpose motor

7

Low voltage special purpose motor

11

Explosion-proof motor

13

High voltage motor

17

Large customized Motor Actual results

19

Excellent techniques and quality certification

21

Sanhsia Motor Plant Introduction

Tatung Electric Company of America, Inc Introduction

# Introduction

## Tatung (Shanghai) Co.,Ltd

Tatung (Shanghai) Co., Ltd. is located in 5299 Beisong Road Chedun town Songjiang district Shanghai China which is a partition belongs to Songjiang Industrial zone. The Annual revenue of company is over 400 million RMB, the main customers are located in North America, Australia, Japan, Southeast Asia, Europe etc. Tatung (Shanghai) Co., Ltd. covers an area of more than 185,000 m<sup>2</sup>, the building area is around 60,000 m<sup>2</sup>, including five large workshops, an office building and other supporting facilities like dormitory and restaurant, etc.

- ☆ Tatung Sanhsia Motor Plant, who is the first production of industrial motors service for domestic business Industry and met with U.S. Westinghouse and Toshiba Corporation of Japan for long-term technical cooperation to bring in the technology of advanced countries, i.e. United States & Japan on manufacture techniques for motors and generators.
- ☆ In response to the export and domestic market demand, Tatung Company in 1972 began construction of the Sanhsia plant to expand production capacity, and successful completion of the new construction of the motor plant in 1974 as well as moved into the casting center, machine center and Tatung die casting company, commence with automatic production operations to provide excellent motor products, castings, machine and comprehensive after-sales service to domestic and foreign well-known customers. Tatung (Shanghai) Co.,Ltd was established in 1998. In 2010, We set up Tatung Shanghai large-scale high-voltage motor factory °
- ☆ Sanhsia motor plant produced 1/4 ~ 30,000 HP single-phase, three-phase, high and low-voltage motor and generators, complete specifications, and include a variety of special motor and application systems, such as high-efficiency motors, explosion-proof motor, reduction gearbox, inverter motor, vertical high thrust motor, aluminum frame motor, resistant smoke exhausting motor, oil well pump motor, DC motors, rolling motors, elevator motors, crane motors, hoist motors, various types of ventilators etc.
- ☆ Tatung (Shanghai) Co., Ltd. was established in 1998 which is a subsidiary of Tatung Group in Taiwan. Tatung (Shanghai) Co., Ltd. is a large enterprise combining manufacture, sale and service, and the main products are various of motors, generators, transformers and switchgears, all the products has been awarded the CQC, ISO9001, ISO14001, OHSAS18001, European CE, and American UL certification successively. After years of efforts, with the excellent quality and comprehensive after-sales service, our products were well received by customers. Nowadays, Tatung motors have become a recognized brand of world and 60% of products are exported to all over the world.



# Low voltage general purpose motor

Green products, energy-saving and carbon emission reduction:

We have a variety of high-efficiency motors. For different market demand, supplying thoughtful service for energy-saving, carbon emission reduction and cost - saving.



**High Efficiency Motor GB2 Series**  
(Meet GB18613-2012 Standard) TEFC

Output: 0.75kW ~ 375kW  
Frame size: D80M ~ N355LL



**High Efficiency Motor IE3 Series**  
(Meet CNS14400-2012 IE3 Standard)

Output: 1kW-200kW  
Frame size: 80M-315LL



**Medium - Large Low Voltage Motor TS21F-II Series (Horizontal type)**

Output: 280kW ~ 630kW  
Frame size: N315LL ~ N400LL



**High Efficiency Motor TTKH Series**  
(Tatung Premium Efficiency AS. Standard)

Output: 0.75kW ~ 185kW  
Frame size: 80M ~ 315M



**Premium HighEfficiency Motor SUPER MAX Series**  
(Meet NEMA Premium Standard) ODP

Output: 1HP ~ 500HP  
Frame size: 140T ~ 5807N



**Medium - Large Low Voltage Motor TS21FV-II Series (Vertical type)**

Output: 280kW ~ 630kW  
Frame size: N315LL ~ N400LL



**High Efficiency Motor TTKJ Series**  
(Meet JIS C4212 Standard)

Output: 0.2kW ~ 160kW  
Frame size: 63M ~ 315M



**Premium High Efficiency Motor SUPER MAX Series**  
(Meet IEC 60034-30 Standard) TEFC

Output: 0.18kW ~ 200kW  
Frame size: 63M ~ 315M



**High Efficiency Motor KT3 Series**  
(Meet GB18613-2012 Standard)TEFC

Output: 0.18kW - 375kW  
Frame size: 80M - 355L

# Low voltage special purpose motor

## The right choice

Tatung company has 50 years experience in motor manufacturing and can supply you the product with simple maintenance, high efficiency and durability. Besides, our continuous innovation and improvement for design and manufacturing technology can solve all your problems.



**Inverter Duty Motor Series**  
Output: 0.25HP ~ 270HP  
Frame size: 63M ~ 315M



**Safety Brake Motor Series**  
Output: 0.25HP ~ 10HP  
Frame size: 63M ~ 132M



**Stainless steel Premium High Efficiency Motor Series (Meet NEMA Premium Standard)**  
Output: 1/4HP ~ 10HP  
Frame size: 56T ~ 256T



**Crane Motor TMC95D Series**  
Output: 1.5kW ~ 280kW  
Frame size: 132M ~ 400L



**Fire Fighting Smoke Exhausting Motor Series**  
Output: 1HP ~ 40HP  
Frame size: D80M ~ D200L



**TSPMI Permanent Magnet Motor Series (Steel, Paper Cutting, Slitting, Rolling)**  
Output: 75kW ~ 220kW  
Frame size: 250ST ~ 280MT



**EV Motor Series**  
customization



**Petrochemical Industry IEEE-841 Premium High Efficiency Motor Series (Meet NEMA Premium Standard)**  
Output: 1HP ~ 500HP  
Frame size: 140T ~ N5808



**Injection Molding Machine Motor**  
Output: 5HP ~ 125HP  
Frame size: 132S ~ 250M



**HARVEST SERIES TEFC Vertical (Solid Shaft & Hollow Shaft) Motors (Meet NEMA Premium / CNS14400-2012 IE3 Standard)**  
Output: 5HP ~ 300HP  
Frame size: 213VP ~ 449VP 框號 : 213VP - 449VP

# Low voltage special purpose motor

## Multiple products

We focused on different industry characteristics and different applications motor. For many years accumulated experience. Provide you with more choices.

In different environments \ different industries can solve all your demand.



**Oil Well Pump High Slip High Torque Series-TEFC OWP Series**

Output: 5HP ~ 200HP  
Frame size: 215T ~ 449T



**JM&JP Series**

Output: 125HP ~ 600HP  
Frame size: 445T ~ N5810UZ



**Rock Crusher Duty High Efficiency Motor**

Output: 125HP ~ 600HP  
Frame size: 445T ~ N5810UZ



**Oil Well Pump High Slip High Torque Series-ODP OWP Series**

Output: 5HP ~ 150HP  
Frame size: 215T ~ 445T



**Round Body C-Face Series**

Output: 1HP ~ 75HP  
Frame size: 143TC ~ 365TC



**Industrial Duty TEFC Vertical Hollow Shaft Motors**

Output: 5HP ~ 200HP  
Frame size: 210TP ~ 447TP



**PUMP Motor Series**

Output: 0.5HP ~ 215HP  
Frame size: 71M ~ 315S



**56 frame TEFC series**

Output: 0.25HP ~ 2HP  
Frame size: 56C



**KILN DUTY MOTOR**

Output: 5HP ~ 25HP  
Frame size: 215T ~ 326T

# Explosion-proof motor

## Exceed world standard

With excellent design and strict quality control system, TATUNG motors not only comply the international standard, but also exceed it.

### International Safety Certificates :

- ☆ TATUNG Explosion proof motors are approved by UL E97127 for Class I Division 1 Group D, Class II Division 1 Group E.F.G.
- ☆ TATUNG Motors are approved by CSA Class I & Class II Division 2 Group A, B, C, D.
- ☆ TATUNG Motors are approved by ITRI for CNS Exe/ Exd.
- ☆ TATUNG Motors are approved by NEPSI, CQST, and CQM for GB & IEC Exe / Exd.



### Increased Safety Explosion Proof (Exe II T3) Series (Approved by ITRI)

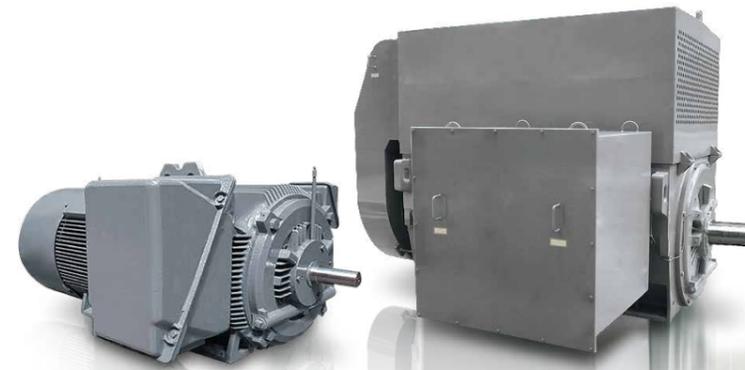
Output: 0.25HP ~ 270HP  
Frame size: 63M ~ 315LS

### Increased Safety Explosion Proof (Exe II T3) Series (Approved by NEPSI)

Output: 0.25kW ~ 315kW  
Frame size: D71M ~ D355LL

### Dust Explosion Proof (Ex tD) Series (Approved by CNEC)

Output: 0.75kW ~ 560kW  
Frame size: D80M ~ N400L



### Class I, Div 2 Explosion Proof Motor Series

Output: -8000HP  
Pole: 2P ~ 24P

### Class II, Div 2 Explosion Proof Motor Series

Output: -4500HP  
Pole: 2P ~ 24P



### Class I & Class II, Div 1 Explosion Proof Motor Series (NEMA)

Output: 1HP ~ 200HP  
Frame size: 143T ~ 447T

### Class I & Class II, Div 1 Explosion Proof Motor Series (IEC)

Output: 1HP ~ 200HP  
Frame size: 90L ~ 280LS



### Flame Proof Explosion Proof (Exd II C T4) Series (Approved by ITRI)

Output: 0.25HP ~ 200HP  
Frame size: 90S ~ 280LS

### Flame Proof Explosion Proof (Exd II B T4) Series (Approved by NEPSI)

Output: 0.25kW ~ 132kW  
Frame size: 90S ~ 280LS



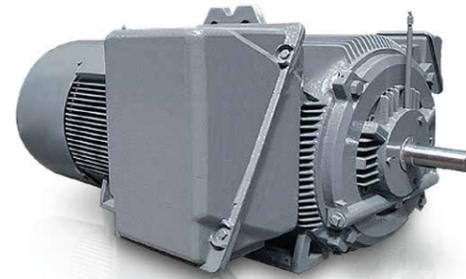
### Flame Proof Explosion Proof (Exd II B T4) Series (GB/IEC) (Approved by CQST/CQM)

Output: 132kW ~ 1600kW  
Frame size: N315LL ~ N560LL

# High voltage motor

## High quality insulation system

High voltage coil insulation system, all series of it use high pressure & vacuum impregnation (VPI) system, can prevent High Voltage partial discharge and insure the durability of motors.



**TS21F-II Series (TEFC)**  
Output: 150kW ~ 2000kW  
Frame size: N315LL ~ N560LL



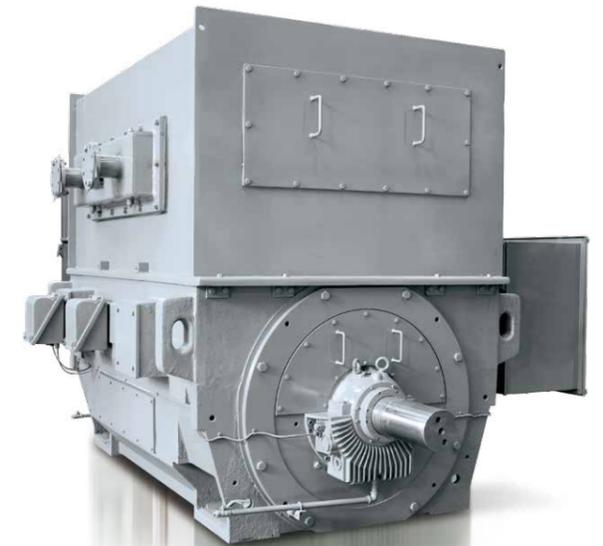
**TS21FW Series (TEFC \ Wound rotor)**  
Output: 150kW ~ 1500kW  
Frame size: N315LL ~ N560LL



**TS21D Series (ODP \ WPI)**  
Output: 90kW ~ 1800kW  
Frame size: 315S ~ 450LL



**TW21T Series (TEAAC)**  
Output: 280kW ~ 4500kW  
Frame size: N355-1250 ~ N560-2000



**TW21T Series (TEWAC)**  
Output: 450kW ~ 5600kW  
Frame size: N355-1250 ~ N560-2000



**TW21T Series (WPI)**  
Output: 450kW ~ 5600kW  
Frame size: N355-1250 ~ N560-2000



**TW21T Series (WPII)**  
Output: 450kW ~ 5600kW  
Frame size: N355-1250 ~ N560-2000

# High voltage motor

## Reliable rotor struction

Strict design of rotor, and rotor balance system can make sure the rotation is smoothly. The design of wind flow inside rotor can improve heat hange and high-efficiency of cooling.



**TW21T Series (TEAAC \ Wound rotor)**

Output: 400kW ~ 7500kW  
Frame size: 355 and over



**TW21TV Series (TEAAC)**

Output: 280kW ~ 2000kW  
Frame size: N3511V ~ N5014V



**TS21FV Series (TEFC)**

Output: 150kW ~ 2000kW  
Frame size: N315LL ~ N560LL



**TH92D Series (Steel Mill Motor)**

Output: 200HP ~ 3000HP  
Frame size: 450LM ~ 800LS



**TW21TV Series (WPI \ WPII)**

Output: 355kW ~ 2500kW  
Frame size: N3511V ~ N5014V



**TW21TV Series (TEAAC \ TEWAC)**

Output: 2000kW ~ 7500kW  
Frame size: 560V and over

# TATUNG CUSTOMERIZE REFERENCE

Satisfy your demand

We have over 20,000 rated voltage, type, and size motors, from small HP up to 30,000HP. We can satisfy any demand in application, installation, efficiency, duration and maintenance.



**Vertical High Thrust Pump Motor**

Output: 2900kW  
Frame size: 2840  
Pole: 22P  
Voltage: 6.6kV  
Frequency: 60Hz



**Steel Shredder Slip Ring Motor**

Output: 10000HP  
Frame size: 1400-2360  
Pole: 14P  
Voltage: 10kV  
Frequency: 50Hz

☆ **Pump motor reference:**

- **TEAAC** 7760kW 4P, 6.6kV 60Hz Fr#800-2030Z
- **TEAAC** 4000HP 10P, 6.6kV 60Hz Fr#1960
- **TEWAC** 11000kW 4P, 13.2kV 60Hz Fr#900-2500
- **TEAAC** 2900kW 16P, 6.6kV 60Hz Fr#2440

☆ **Compressor motor reference:**

- **TEWAC** 8840kW 4P, 6.6kV 60Hz Fr#710-3300
- **WPII** 5000HP 4P, 6.6kV 60Hz Fr#635-1473Z
- **TEAAC** 3750HP 4P, 6.6kV 60Hz Fr#630-1800

☆ **Fan motor reference:**

- **WPI** 9000HP 8P, 13.2kV 60Hz Fr#1016-2813
- **TEAAC** 6150kW 8P, 13.2kV 60Hz Fr#900-2330Z
- **WPII** 6500 / 3400kW 8 / 10P, 6.6kV 60Hz Fr#1120-1800

☆ **Steel Mill motor reference:**

- **TEAAC** 6500kW 6P, 11kV 50Hz Fr#900-3370
- **TEAAC** 5500kW 6P, 11kV 60Hz Fr#635-1473Z
- **TEAAC** 3500kW 6P, 6.6kV 50Hz Fr#710-1600Z

☆ **Synchronous motor reference:**

- **WPI** 2250HP 30P, 3.3kV 60Hz
- **WPI** 2000HP 14P, 11.5kV 60Hz
- **WPI** 900HP 26P, 4.16kV 60Hz

**Compressor Motor**

Output: 3300kW  
Frame size: 1450-2160  
Pole: 20P  
Voltage: 11.4kV  
Frequency: 60Hz

**Pump Motor for Power Plant**

Output: 10330kW  
Frame size: 800-2500  
Pole: 4P  
Voltage: 13.2kV  
Frequency: 60Hz

**Synchronous Motor for Copper Mine**

Output: 4500HP  
Frame size: 3450-720  
Pole: 48P  
Voltage: 3.3kV  
Frequency: 60Hz

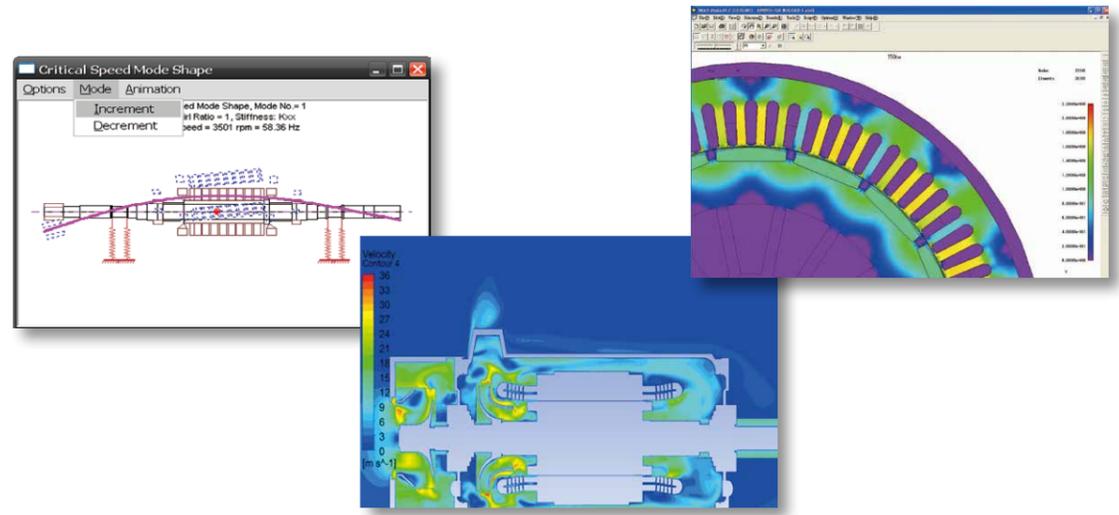
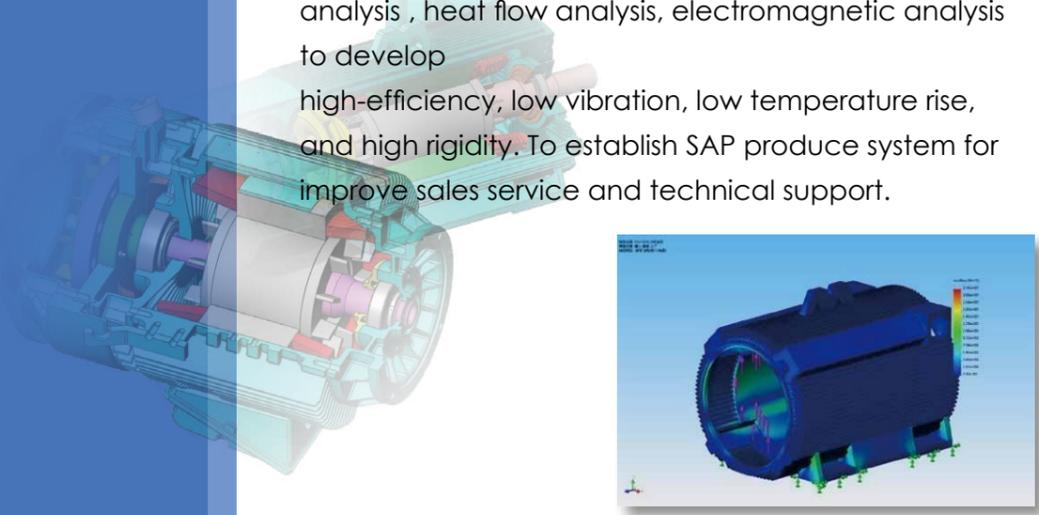
**Mill Motor for Mining Usage**

Output: 7000kW  
Frame size: 980-3370  
Pole: 6P  
Voltage: 11kV  
Frequency: 50Hz



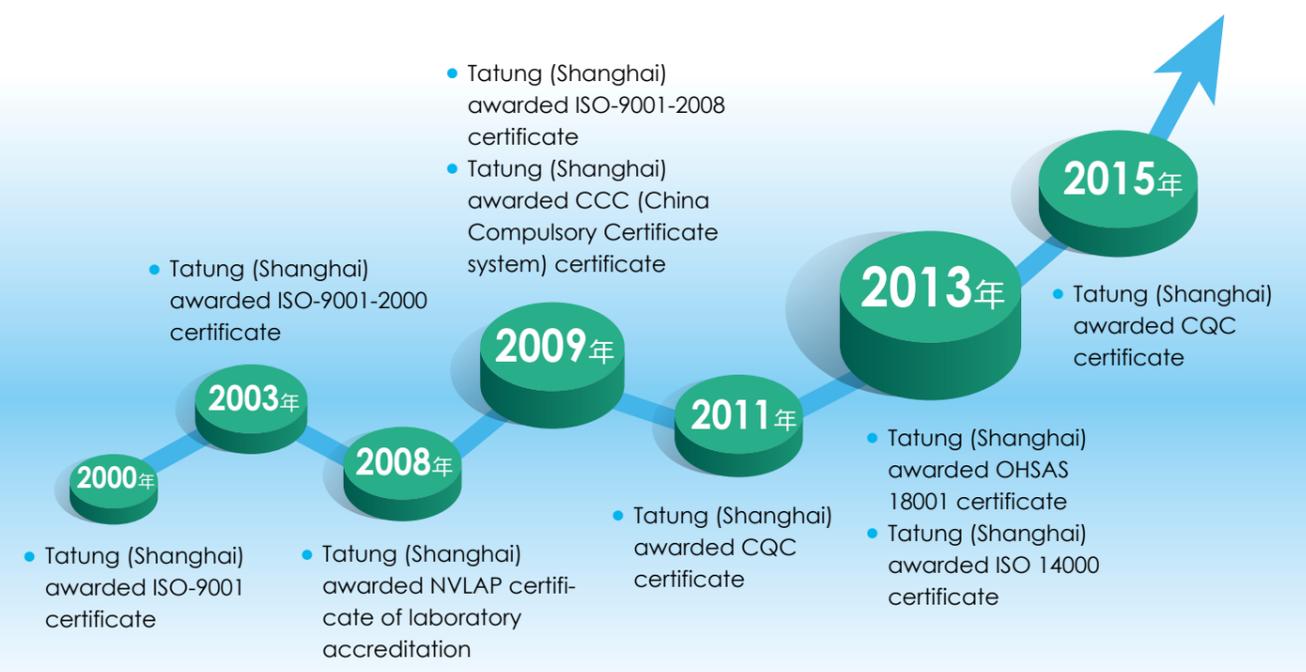
# Excellent R & D technology

The design team of Tatung Motor Plant joint with USA, and Japan motor plant to share the produce experience over 60 years. Also establish the CAE system for research structural analysis , rotor dynamic analysis , heat flow analysis, electromagnetic analysis to develop high-efficiency, low vibration, low temperature rise, and high rigidity. To establish SAP produce system for improve sales service and technical support.



# Quality certificate

Tatung Motor Business is the first motor maker who awarded "Industrial Sustainable Excellence Award" Tatung Motor Plant awarded NEMA, UL, CSA, and CE etc international certificate.



## Sanhsia Motor Plant Introduction

☆ Established in 1918 and headquartered in Taipei, Tatung Company has evolved into a conglomerate from its substantial heritage. From its inception, Tatung has abided by its founding values of "Integrity, Honesty, Industry, and Frugality". The Company is listed on the Taiwan Stock Exchange (TSE) under the trading code of 2371.

Tatung Company in 1972 began construction of the Sanhsia plant to expand production capacity, and successful completion of the new construction of the motor plant in 1974.

☆ Main Products:

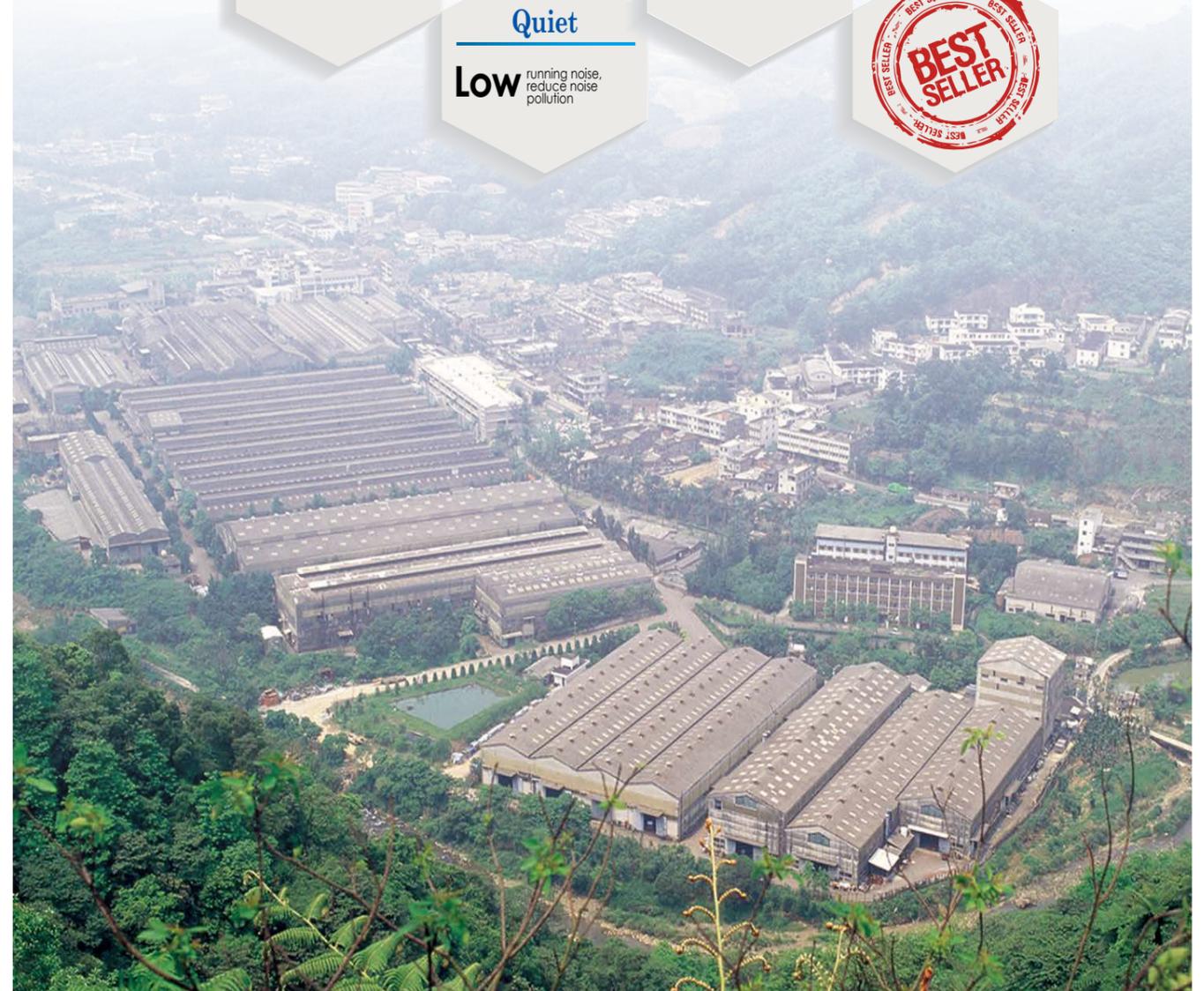
DC, AC motors, Generator, Cyclo motor, Inverter, PLC, Wires and Cable, Switches, Control Panel and parts, Bus, Elevator motor and parts, transformer, Distributor and parts etc.



☆ Distribute Tatung industrial products such as motors, transformers, wires and cables, etc., to Northern America market.



## 7 Features of Tatung Motor





- **Tatung (Shanghai) Co., Ltd.**

5299 Beisong Road, Chedun Town,  
Songjiang District, Sanghai, 201611, China  
Tel: 86-21-57605299 ext.132, 133  
Fax: 86-21-57605266  
E-mail: tshsa@tatungsh.net  
Web: www.tatungsh.com

- **Sanhsia Plant**

352 Shi-tong Road, Sanhsia, New Taipei City,  
23743, Taiwan  
Tel: 886-2-8676-6888

- **TATUNG Electric Company of America, INC.**

14381 Chambers Road, Tustin, CA 92780  
Tel: 1-714-8383293  
Fax: 1-714-8383295  
E-mail: sales@tatungelectric.com  
Toll Free 1-800-828-8641  
Web: www.tatungelectric.com

- **Tatung Company**

22 Chungshan North Road, 3rd Sec. Taipei,  
10435, Taiwan  
Tel: 886-2-2599-5429, 2592-5252  
ext.2403, 2489, 2908  
Fax: 02-2598-4427  
E-mail: service@sansha.tatung.com.tw  
Web: www.tatung.com

### **Marketing and Service**

- **Tatung (Shanghai) Co., Ltd.**

Tel: 86-021-57605299-117/133/138  
Fax: 86-021-57602938

- **Tatung (Shanghai) Co., Ltd.  
Zhejiang Area**

Tel: 86-0574-86868736  
Fax: 86-0574-86873541

- **Tatung (Shanghai) Co., Ltd.  
South Chair Area**

Tel: 86-0769-85088865  
Fax: 86-0769-85052148

- **Tatung (Shanghai) Co., Ltd.  
North Chair Area**

Tel: 86-0512-57927097  
Fax: 86-0512-55213128