

TNK Co., Ltd.

Company profile

- Name: TNK Co., Ltd.
- Establishment time: 1933
- Registered capital: 48,000,000 JPY
- Number of employees: 70
- Business content: Manufacturing and sales of coil winding machines and automation equipment

- Fundamentals: Manufacturing and Sales

- Japan: TNK Co., Ltd.

Headquarters and Factory: Tenei Village, Iwase Gun, Fukushima, Japan

West Japan Support Center: Ibaraki City, Osaka, Japan

- China: Tanac automation co., Ltd.

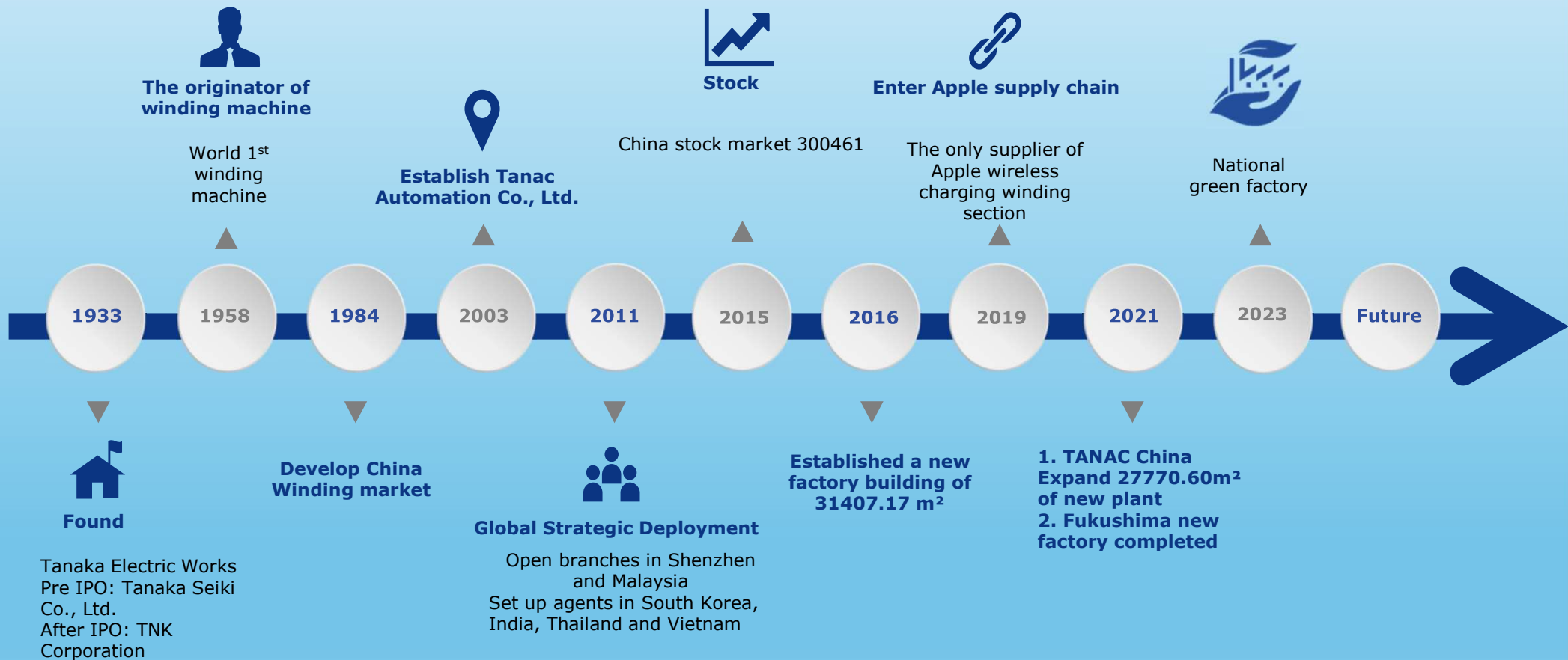
Headquarters/Factory: Jiashan City, Zhejiang Province

Shenzhen Branch: Shenzhen City, Guangdong Province

- Location: Sales and Support

- United States: TANAC,INC.
 - UK: TNK Europe Limited
 - Malaysia: TNK WINDING(M)SDN.BHD.
 - South Korea: VISKOR TRADING

Development history



Technical History



Developing the world's first automatic winding machine AW800



The world's first automatic winding machine AW861 with automatic PIN wrapping function



Launch independently developed inverter AX1 with control



Launch AX series with AC servo motor

1958

1979

1981

1989

1992

2014

2023



Developed the world's first AW850 equipped with microcomputer control



Conveyor type winding automatic production line



New fixed multi axis winding machine car coil launches automated production line

Product

Consumer electronics



Power transformer
Switching transformer
 α Winding
Noise filter
Reactor
Pick up Coyle



Motor product



Internal winding
Revolute
Split type coil
Stepping motor
Linear motor coil



Information and Communication



Focus Coyle
Inductive coil
VCM
Square α Winding
Pencil Coyle
Litz wire record
winding



Automobile industry



Injector
Immobilizer
Antenna
Solenoid
Sensor
Ignition Coyle
PBW



Global Sales Network



Clients

Automobile industry

Toyota Group
DENSO
Hitachi
TOKAI RIKA
Yamaha
Nachi

Consumer electronics

Omron
JAE
Nidec
Mitsubishi
Murata
TDK

Industrial devices

Yaskawa
SMC
FUJI
TOHO
Panasonic
Sekisui

Products

Desktop single spindle winding machine: AX series



AX1



AX2



AX3



TNK Salability Series

Products

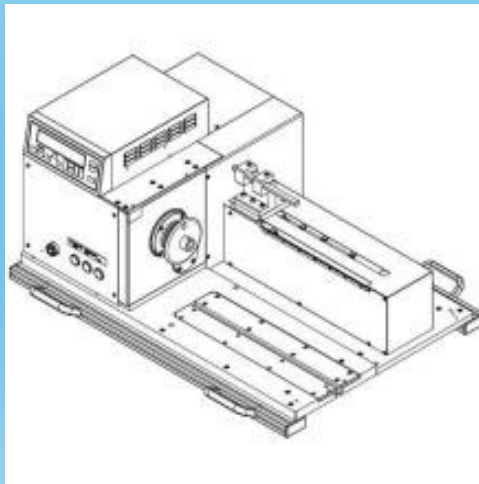
Desktop single spindle winding machine:
with AC servo motor series



AX5



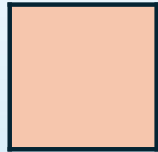
AX6



AX7



AX8



Products

Multi spindle automatic winding machine: MS/NX/SS series



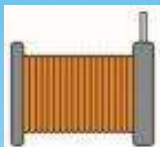
MS1800 series
(Desktop machine 2 spindle · 4
spindle · 6 spindle)



NX3600 series
(4 spindle · 6 spindle · 8
spindle)



SS01 single spindle machine



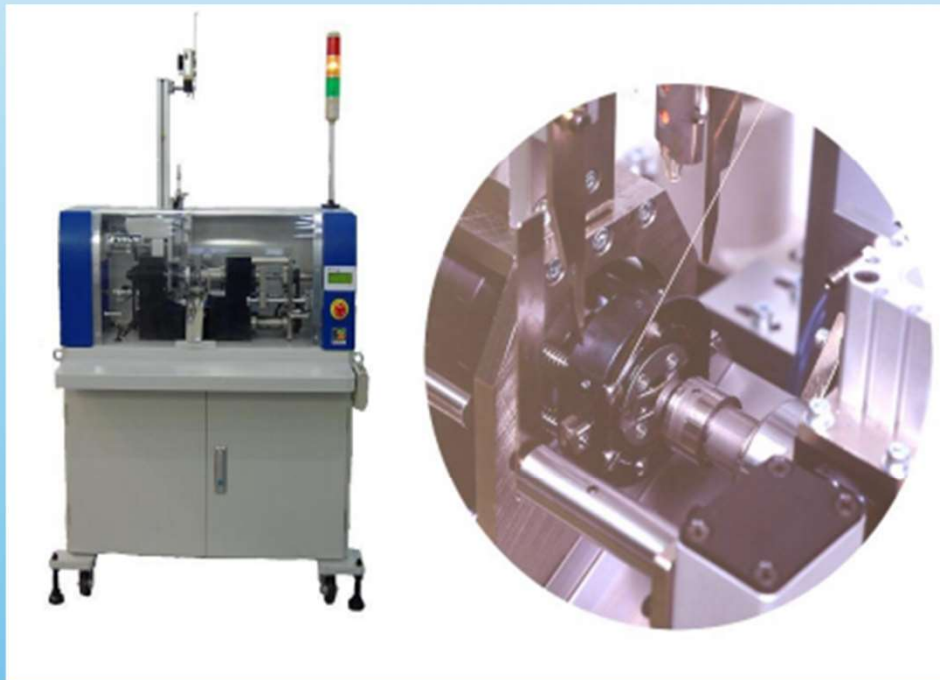
Solenoids, relay coils, etc



Clutch coils, etc

Products

Single axis no bobbin neatly arranged winding machine: BX/PX series



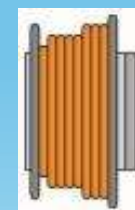
BX8 wireless charge winding machine



Inductive coils



PX01 single axis alignment winding machine
WF02 Copper Wire Unwinding Device (Delilla)



Split type coil

Products

Automatic Production Line



Stepper motor automatic production line



Automatic production line for automotive coils



Relay coil automatic production line



Automatic production line for transformer coils

Introduction to Manufacturing Building



Manufacturing Building



Manufacturing Building



Entrance Exhibition



Exhibition Hall



Meeting area



Meeting room

Introduction to Manufacturing Building



Workshop



Workshop



Workshop



Workshop



Technical
Department



Technical
Department

Introduction to Manufacturing Building



Processing workshop



Processing workshop



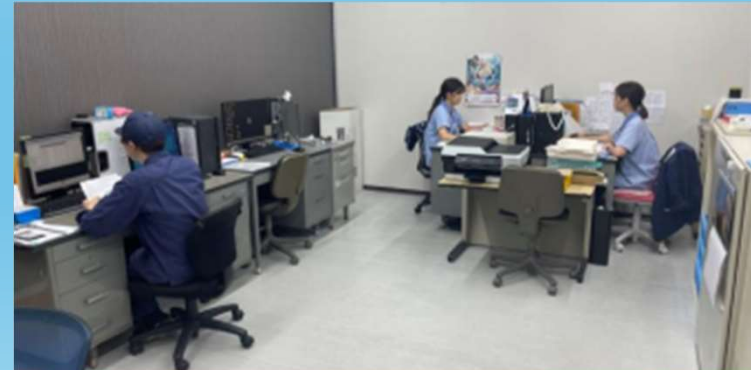
Processing workshop



Processing workshop



Grinding room

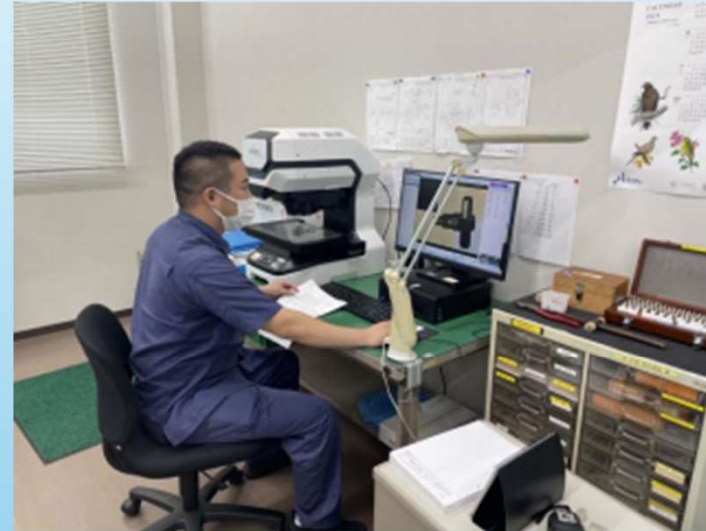


CAD/CAM room

Introduction to Manufacturing Building



QC area



QC area



Processing building

List of Processing Equipment

自社保有加工機・検査設備 一覧

設備機種	タイプ	メーカー	台数
VCS430A	立型マシニングセンタ	Mazak	1台
VCS530C	立型マシニングセンタ	Mazak	1台
CMX1100V	立型マシニングセンタ	DMG森精機	1台
GENOS M560-V	立型マシニングセンタ	OKUMA	1台
MU-400V II	5軸制御立型マシニングセンタ	OKUMA	1台
MA-600H III	横型マシニングセンター	OKUMA	1台
LB3000 EX II	旋盤	OKUMA	1台
KNC-50G	旋盤	北村製作所	1台
INTEGREX j-200S	複合加工機	Mazak	1台
MULTUS B300 II (芯押台)	複合加工機	OKUMA	1台
MULTUS B300 II (対向主軸)	複合加工機	OKUMA	1台
ROBOCUT α -C400iB	ワイヤ放電加工機	FANUC	1台
ROBOCUT α -C400iC	ワイヤ放電加工機	FANUC	1台
ROBOCUT α -C600iB	ワイヤ放電加工機	FANUC	2台
MIG GAP-25-30H	円筒研削盤	丸栄機械製作所	1台
MIG IG-300	内面研削盤	丸栄機械製作所	1台
MM420	成形研削盤	岡本工作機械製作所	1台
MSG-250H1	平面研削盤	三井ハイテック	1台
PGS-63	平面研削盤	岡本工作機械製作所	1台
KJP	汎用フライス盤	牧野フライス製作所	1台
KJP-55	汎用フライス盤	牧野フライス製作所	1台
K1C	細穴加工機	Sodick	1台
BR2-121	精密自動リベッキングマシン	ブラザー工業株式会社	1台
LE-400	コンターマシン	LUXO	1台
H-250-SA	汎用ハンドソー	アマダ	1台
LM-X100L	三次元画像寸法測定器	株式会社キーエンス	1台
XM-2200/XM-T2200	ハンディブローブ三次元測定機	株式会社キーエンス	1台

など、上記以外にも他複数台あり

Thanks