



# Taipei Intelligent Machinery & Manufacturing Technology Show



[www.imtduo.com.tw](http://www.imtduo.com.tw)

# 2018 MAY 9~12

Taipei Nangang Exhibition Center, Hall 1

展前快訊  
 전시회 개요  
 展示会プレビュー  
 Avant Première Salon  
 Especial-Pre-feria  
 Cobertura Prévia  
 Messe Vorbericht  
 عرض مسبق للمعارض ومختبرات  
 ЗНАКОМСТВО С ВЫСТАВКОЙ

# Show Preview



Organizers :  
 Taiwan External Trade Development Council (TAITRA)  
 5 Hsin-yi Rd., Sec. 5, Taipei 11011, TAIWAN  
 Tel : 886-2-2725-5200 Fax : 886-2-2725-1959  
[www.taitra.org.tw](http://www.taitra.org.tw)  
[mt@taitra.org.tw](mailto:mt@taitra.org.tw)



Taiwan Association of Machinery Industry (TAMI)  
 110 Hwai-ning St., Taipei 10046, TAIWAN  
 Tel : 886-2-2349-4666 Fax : 886-2-2381-3711  
[www.tami.org.tw](http://www.tami.org.tw)  
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## RV853L

智能化線性馬達驅動線切割機  
Intelligent Linear Drive  
Wire Cut EDM

booth. K1008



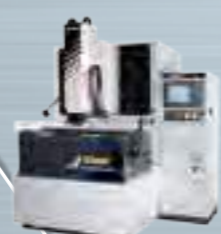
**EQ530L**  
龍門型線性馬達線切割機  
Gantry Type Linear Drive  
Wire Cut EDM



**AW5X**  
AMS 線性馬達線切割機  
AMS High Quality  
Linear Drive Wire Cut EDM



**AD5L**  
AMS 高速深孔加工機  
AMS High Speed  
Small Hole Drilling EDM



**A6040L**  
三軸線馬達放電加工機  
High Speed 3 Axis Linear  
Drive Die Sinker

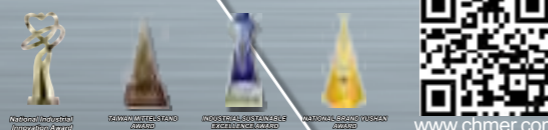


**HM6050L**  
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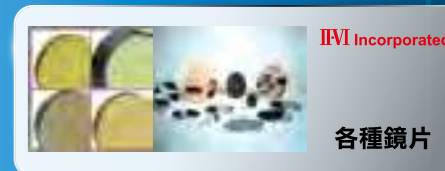
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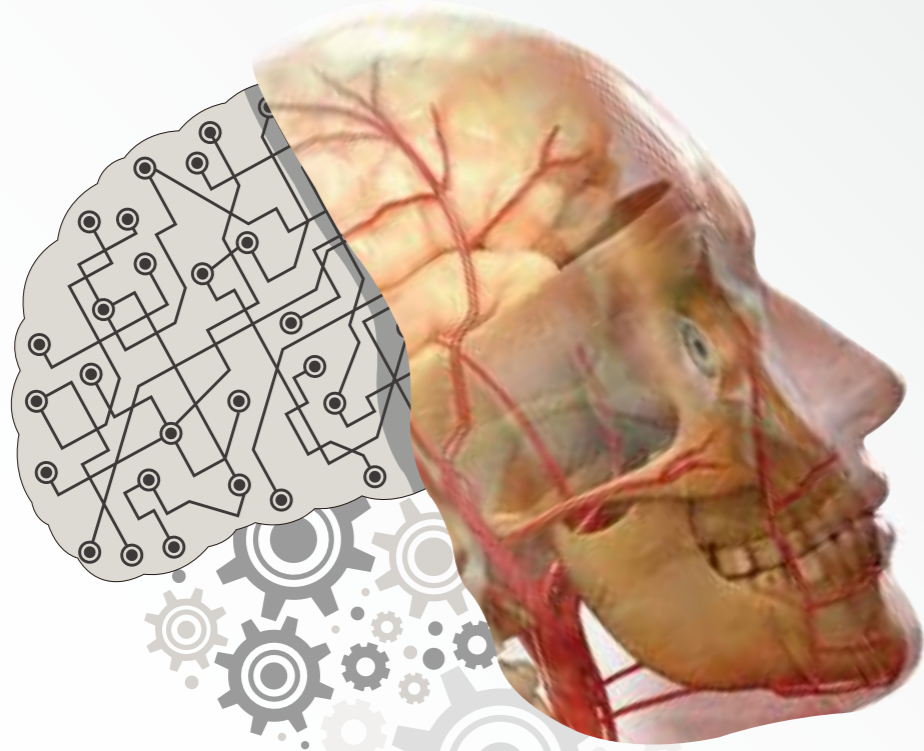
FAX : (02)2299-0288 2299-0308

總合服務處: 新北市五股區五工二路122號

122, Wukung 2nd Road, Wugu Dist., New Taipei City, Taiwan

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# 27<sup>th</sup> Taipei Int'l Machine Tool Show

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## FEATURING

- CNC Machine Tools
- Metal Cutting Machine Tools
- Parts, Components, Accessories
- Cutting Tools & Tooling System
- Industrial Robot
- Control & Drive Systems
- Design and Manufacturing Systems
- Inspecting, Measuring, and Testing Equipment
- Press Machines
- Dies and Molds
- Metal Forming Machines
- Sheet Metal, Tube and Wire Processing Machines
- Casting, Forging, Welding, Surface Treatment Equipment
- Others



# 2019

## March 4-9

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Organizers:  
**Taiwan External Trade Development Council**  
[www.taitra.org.tw](http://www.taitra.org.tw)  
NO. 5, Hsin-Yi Rd., Sec 5, Taipei, Taiwan, 11011  
Tel: 886-2-2725-5200  
Fax: 886-2-2725-1959  
Email: [timtos@taitra.org.tw](mailto:timtos@taitra.org.tw)

**TAIWAN ASSOCIATION OF MACHINERY INDUSTRY**  
[www.tami.org.tw](http://www.tami.org.tw)  
No. 110, Hwai Ning St., Taipei, Taiwan  
Tel: 886-2-2349-4666  
Fax: 886-2-2381-3711  
Email: [timtos@tami.org.tw](mailto:timtos@tami.org.tw)

Venues:  
TWTC Exhibition Hall 1  
TWTC Exhibition Hall 3  
Taipei Nangang Exhibition Center Hall 1 & Hall 2



iMTduo 2018 Show Preview

# Welcome

# CONTENT

[www.imtduo.com.tw](http://www.imtduo.com.tw)



## Get Your Sharpest Edge at iMTduo 2018

iMTduo (Formerly known as MTduo) is Asia's leading professional Intelligent Machinery & Manufacturing Technology Show that joins all the latest and cutting-edge technologies. It is organized by TAITRA and TAMI, and will be held at Taipei Nangang Exhibition Center, Hall 1 from May 9<sup>th</sup> to 12<sup>th</sup>, 2018. Driving the new wave of manufacturing, iMTduo will be the perfect venue to find smart manufacturing machines and solutions.

iMTduo 2018 builds upon the last event's dazzling success that is packed with more than 270 exhibitors and 11,000 visitors from 40 countries. It has become the most comprehensive sourcing platform to find breakthrough machinery and innovative technology that consistently yields winning solutions to meet future small-volumes, extensive-variety and custom-made demands.

Nothing more than presenting a global display of information and system integration, automation equipment and intelligent factory facilities, iMTduo 2018 holds the first ever Summit which is focused on "Industry 4.0", "Smart Factory", "Additive Manufacturing", and "Industrial Robots". These four topics assist participants in exploring market trends and connecting to the world. Beside the Summit, there are also procurement meetings, industrial technology seminars and new product launches where participants can interact with each other and find new business opportunities.

All these features combined will surely pack your visit with business prospects and pleasure. For those in the field of smart machinery, or considering entry into it, this event of exchange, collaboration and networking is the place to be. Be sure to mark iMTduo 2018 on your must-visit event list. It is the show that cannot be missed.

**iMTduo 2018 Organizing Team**



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TAITRA

**Organizers:**  
**Taiwan External Trade  
Development Council (TAITRA)**

Tel.: +886-2-2725-5200  
Fax: +886-2-2725-1959  
E-mail: [mt@taitra.org.tw](mailto:mt@taitra.org.tw)  
[www.taiwantradeshows.com.tw](http://www.taiwantradeshows.com.tw)  
[www.taitra.org.tw](http://www.taitra.org.tw)



TAMI

**Taiwan Association of  
Machinery Industry (TAMI)**

Tel.: +886-2-2349-4666  
Fax: +886-2-2381-3711  
E-mail: [mt@tami.org.tw](mailto:mt@tami.org.tw)  
[www.tami.org.tw](http://www.tami.org.tw)



**Production by:**  
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Tel.: +886-4-2325-1784  
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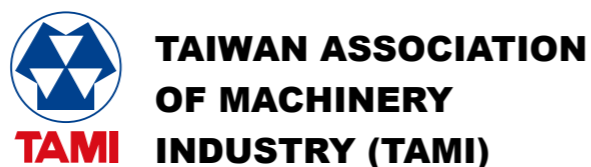
## 2018 Taipei Intelligent Machinery & Manufacturing Technology Show

[www.imtduo.com.tw](http://www.imtduo.com.tw)

# FACT SHEET



**TAITRA** is Taiwan's foremost non-profit trade promotion organization and was founded in 1970 to help promote foreign trade. Our efforts embrace market promotion, compiling and publishing trade information, organizing exhibitions, offering convention services, providing trade education and Taiwantrade, an e-Trading Hub Service. Besides being the largest exhibition organizer in Taiwan, TAITRA is also the administrator of Taipei World Trade Center (TWTC), Taipei International Convention Center (TICC) and Taipei Nangang Exhibition Center.



TAMI (Taiwan Association of Machinery Industry) was founded in November 1945. Nowadays, TAMI has more than 2,600 members from different major machinery fields. TAMI plays a key role in supporting members on various kinds of business promotion activities, such as conducting strategic alliances between different machinery manufacturers, assisting members to participate in major overseas exhibitions, and so on.

### SHOW NAME:

Taipei Intelligent Machinery & Manufacturing Technology Show (iMTduo 2018)

Formerly known as Taipei Manufacturing Technology Show (MTduo 2016)

**SHOW FREQUENCY:** Biennial

**SHOW DATES:** May 9 - 12, 2018

**SHOW HOURS:** 9:00 am - 5:00 pm

\* Open to public by ticket.

\* Children under 12 are not admitted to the showground.

### VENUE:

Taipei Nangang Exhibition Center, Hall 1, Ground Floor

Add: 1, Jingmao 2nd Rd., Nangang District, Taipei 11568, Taiwan

### EXHIBIT PROFILE:

- \* Smart Machinery; Machine Components & Accessories
- \* 3D printing & Additive Manufacturing (AM)
- \* Industrial Robot
- \* Industrial Automation
- \* Internet of things, IoT ; Cyber-Physical System, CPS; ERP
- \* CAD/CAM/CAE; Soft/Hard Ware; Inspection & Measurement and Quality assurance; MES

### EXHIBITORS (Projected):

Total 280 exhibitors, 1,070 booths

### EXHIBIT SPACE (Gross):

22,680 square meters

### ADMISSION FOR FOREIGN VISITORS:

\* Buyers may pre-register through "Visitors Registration" on the website.

\* Pre-registered buyers may get free admission badge without waiting in line onsite and receive one copy of official directory free of charge at the Pre-registration counter.



### OFFICIAL DIRECTORY:

Official directory is for sale at NT\$200 per copy (CD-ROM version at NT\$200) in the TAITRA Bookstore, which is near the TWTC Exhibition Hall Registered Counter.

**OFFICIAL WEBSITE:** [www.imtduo.com.tw](http://www.imtduo.com.tw)

### CONTACT PERSON:

Show Manager: Mr. Alex Pen ext: 2615  
 Publicity Manager: Ms. Kate Chen ext: 2614  
 Exhibition Department, TAITRA  
 Tel: 886-2-27255200  
 Fax: 886-2-27251959  
 E-mail: [mt@taitra.org.tw](mailto:mt@taitra.org.tw)



# MTduo 2016

## POST SHOW REPORT

### Organizers:

Taiwan External Trade Development Council (TAITRA)  
Taiwan Association of Machinery Industry (TAMI)

**Venue:** Taipei Nangang Exhibition Center, Hall 1

**Show Dates:** May 5 ~ 8, 2016

**Show Hours:** 10 am ~ 6 pm

**Exhibitors:** 270

**Number of Booths:** 1,063

**Exhibit Space (Gross):** 22,680 square meters

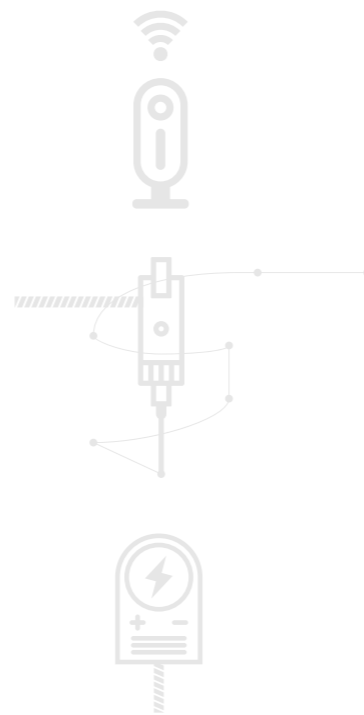
### General Visitor Analysis

Date	5/5	5/6	5/7	5/8	Total
Total	2,629	3,759	2,609	1,259	10,256

### Great Success in 2016

The Number of Exhibitors and Booths reached record highs.

Category	2014	2016	Growth
Exhibitors	258	270	4.7 %↑
Booths	990	1,063	7.4%↑
Visitors	14,023	10,256	-2.7%



## Overseas visitors gave top marks to MTduo 2016

99% of overseas visitors were satisfied!

98% of overseas visitors gained fresh insight on new products!

98% of overseas visitors were pleased with the quality of exhibitors!

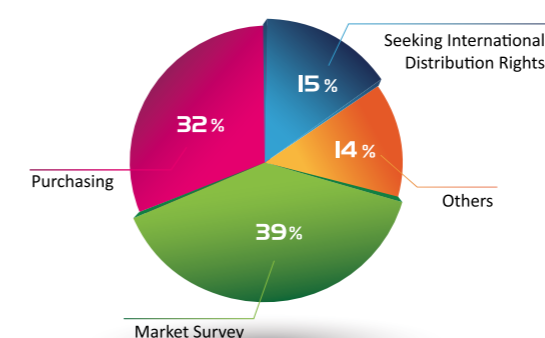
### Top 10 Overseas Visitors by Country / Area

Rank	Country / Area	Number of Visitors
1	China/ Hong Kong	163
2	Malaysia	86
3	Japan	59
4	Thailand	42
5	Turkey	36
6	Indonesia	34
7	U.S.A.	29
8	Singapore	26
9	Vietnam	19
10	Germany	11

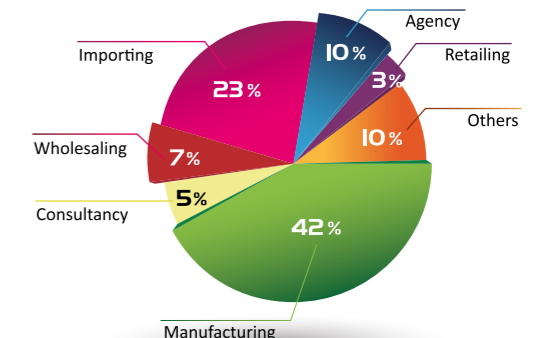
### Statistics of MTduo 2016

Buyers' main purpose for visiting MTduo was purchasing, followed by market research. Most of them were from manufacturing, importing and agency sectors. These results match with the objective of the show which is to help buyers find suppliers, explore business opportunities, and understand the market.

#### Purpose of Visit (multiple selections)



#### Type of Business (multiple selections)





# WHY SHOULD YOU Visit iMTduo 2018?

2018 Taipei Intelligent Machinery & Manufacturing Technology Show

## Grow Together with Taiwan's Machinery Industry

With its advanced ICT background, Taiwan's machinery industry aims to strive for maximum efficiency, velocity and flexibility to increase competitiveness. Being famous for its high quality and reliability, Taiwan is a leading exporter of machine tools, proven by its export of US\$2.9bn ranking at the world's 5<sup>th</sup> highest exporting value in 2016\*. Taiwan's machinery industry is at the cutting edge of smart manufacturing and has delivered highly productive, accurate and innovative technologies and solutions to increase production output and efficiency.

\*Source: Gardener Research, World Machine Tool Survey 2017

### Top 10 Exports of Taiwan's Machine Tools in 2017

Rank	Country	Exports (Unit: US\$1,000)
1	China	1,132,934
2	USA	371,044
3	Turkey	142,511
4	Germany	123,629
5	Thailand	121,428
6	India	110,073
7	Vietnam	108,105
8	Korea	99,639
9	Russia	95,224
10	Netherlands	94,983

Source: Taiwan Association of Machinery Industry (TAMI)

## Seize Business Opportunities of Smart Manufacturing

Since the concept of Industry 4.0 has grabbed the world's attention, advanced technologies started to make a profound impact on the manufacturing industry. More and more manufacturers are making progress toward smart manufacturing or smart factory. iMTduo joins every element of smart manufacturing with exhibits of smart machinery, 3D printing and Additive Manufacturing (AM), industrial robots and robotic arms, automated control systems and equipment, IoT, and cyber-physical system (CPS), etc. iMTduo let you explore countless business opportunities in Taiwan's manufacturing industry.

## Professional B-to-B Platform Serving Advanced Industries

As digital infrastructures advance, sensors, the Internet, cloud computing and big data analysis are being incorporated in the facilities used in the manufacturing process, so that manufacturers can gain more insight on the efficiency, productivity, cycle time, etc. With more than 270 leading exhibitors using over 1,070 booths to offer you the latest products and technologies, iMTduo is set to shine in the industry in 2018. Moreover, greater depth and prospects come with the newly-held Summit, seminars and 1-on-1 procurement meetings which all underscore Taiwan's leadership in the new era of smart machinery and manufacturing.



# TAITRA Overseas Offices

## Visiting Incentives for Qualified Buyers

iMTduo has provided visiting incentives for qualified overseas buyers over many years. Please contact your nearest TAITRA office for more information on our limited offer. If you do not find an office near you, please contact [mt@taitra.org.tw](mailto:mt@taitra.org.tw), we will be more than happy to assist you.

### ASIA

 **TAIWAN TRADE CENTER, DHAKA**  
Tel.: +880-2-9840704 Fax: +880-2-9840706  
Email: dhaka@taitra.org.tw  
12-B, Navana Tower, 45 Gulshan Avenue  
Gulshan 1, Dhaka-1212, Bangladesh

 **TAIWAN TRADE CENTER, BEIJING**  
Tel.: +86-10-65055801 Fax: +86-10-65055803  
Email: beijing@taitra.org.tw  
北京市建国门外大街1号 国贸西楼5层01A  
(邮编:100004)

 **TAIWAN TRADE CENTER, SHANGHAI**  
Tel.: +86-21-63877250 Fax: +86-21-63877230  
Email: shanghai@taitra.org.tw  
中国上海市虹桥路3号港汇中心二座2701室  
(邮编:200030)

 **TAIWAN TRADE CENTER, QINGDAO**  
Tel.: +86-532-85726075 Fax: +86-532-85730438  
Email: qingdao@taitra.org.tw  
青岛市市南区香港中路9号香格里拉中心办公楼2602室  
(邮编:266071)

 **TAIWAN TRADE CENTER, CHENGDU**  
Tel.: +86-28-86241252 Fax: +86-28-86241577  
Email: chengdu@taitra.org.tw  
成都市红星路三段1号国际金融中心1号办公楼2805室  
(邮编:610021)

 **TAIWAN TRADE CENTER, XIAMEN**  
Tel.: +86-592-2210261 Fax: +86-592-2210262  
Email: xiamen@taitra.org.tw  
福建省厦门市思明区建业路3号10C-1室  
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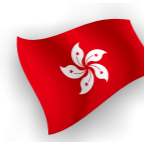
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Tel.: +86-25-58812258 Fax: +86-25-58812338  
Email: nanjing@taitra.org.tw  
江苏省南京市建邺区江东中路215号河西凤凰文化广场  
B座1008室 (邮编: 210019)


 **TAIWAN TRADE CENTER, DALIAN**  
Tel.: +86-411-82642629 Fax: +86-411-82642639  
Email: dalian@taitra.org.tw  
大连市西岗区中山路147号森茂大厦1703A室

 **TAIWAN TRADE CENTER, WUHAN**  
Tel.: +86-27-85755185 Fax: +86-27-85755685  
Email: wuhan@taitra.org.tw  
湖北省武汉市江汉北路8号金茂大楼1618室


 **TAIWAN TRADE CENTER, GUANGZHOU**  
Tel.: +86-20-87659991 Fax: +86-20-87787288  
Email: gz@taitra.org.tw  
广州市天河区天河路208号粤海天河城大厦40楼4003A室  
(邮编:510620)

 **TAIWAN TRADE CENTER, NANNING**  
Tel.: +86-771-5786771 Fax: +86-771-5786773  
Email: nanning@taitra.org.tw  
广西南宁市金湖路59号地王国际商会中心27楼B室  
(邮编:530028)

 **TAIPEI TRADE CENTRE, HONG KONG**  
Tel.: +852-2824-3211 Fax: +852-2824-0900  
Email: hongkong@taitra.org.tw  
Suite 1502, 15 Fl., Central Plaza, 18 Harbour Rd.,  
Wanchai, Hong Kong

 **TAIPEI WORLD TRADE CENTER LIAISON OFFICE IN MUMBAI**  
Tel.: +91-22-2216-3074 Fax: +91-22-2216-3078  
Email: mumbai@taitra.org.tw  
Center 1, 11<sup>th</sup> Floor, Unit No. 8, World Trade  
Center, Cuffe Parade, Mumbai - 400 005, India

 **TAIPEI WORLD TRADE CENTER, CHENNAI**  
Tel.: +91-44-30063616 Fax: +91-44-30063627  
Email: chennai@taitra.org.tw  
Challam Tower, 3rd Fl., No. 113, Dr. Radhakrishnan  
Road, Mylapore, Chennai-600 004, Tamil Nadu, India

 **TAIPEI WORLD TRADE CENTER LIAISON OFFICE IN KOLKATA**  
Tel.: +91-33-40042796 Fax: +91-33-40042798  
Email: kolkata@taitra.org.tw  
Unit N 1516, Diamond Heritage 16, Strand Rd,  
Kolkata 700001, West Bengal, India


 **TAIWAN TRADE CENTER, JAKARTA**  
Tel.: +62-21-574-1102 Fax: +62-21-574-1082  
Email: jakarta@taitra.org.tw  
Suite 1717, 17th floor, Wisma G.K.B.I., No. 28,  
Jl. Jend. Sudirman, Jakarta, Indonesia 10210

 **TAIWAN TRADE CENTER, FUKUOKA**  
Tel.: +81-92-472-7461 Fax: +81-92-472-7463  
Email: fukuoka@taitra.org.tw  
〒812-0011 福岡市博多区博多駅前2-9-28  
福岡商工会議所ビル7F

 **TAIWAN TRADE CENTER, OSAKA**  
Tel.: +81-6-6614-9700 Fax: +81-6-6614-9705  
Email: osaka@taitra.org.tw  
〒559-0034 大阪府大阪市住之江區南港北  
2-1-10 ATCビル520

 **TAIWAN TRADE CENTER, TOKYO**  
Tel.: +81-3-3514-4700 Fax: +81-3-3514-4707  
Email: tokyo@taitra.org.tw  
〒102-0083 東京都千代田区麹町1-10澤田麹町ビル3階


 **TAIWAN TRADE CENTER, ALMATY**  
Tel.: +7-7272-777-848 Fax: +7-7272-777-849  
Email: almaty@taitra.org.tw  
5, Al-Farabi Ave., Building 2A, Office 203,  
Business Center "Nurly Tau", Almaty 050059,  
Republic of Kazakhstan

 **TAIWAN TRADE CENTER, SEOUL**  
Tel.: +82-2-3789-8722 Fax: +82-2-3789-8779  
Email: seoul@taitra.org.tw  
Room 1202, 12 Fl., Seoul Center Building, 116  
Sogongro, Jung-Gu, Seoul 100-070, Korea

 **TAIWAN TRADE CENTRE, KUALA LUMPUR**  
Tel.: +60-3-2031-2388 Fax: +60-3-2034-1388  
Email: kl@taitra.org.tw  
Suite 20.01, Level 20, Wisma Goldhill, 67 Jalan  
Raja Chulan, 50200 Kuala Lumpur, Malaysia

 **TAIWAN TRADE CENTER, YANGON**  
Tel.: +95-1-8603461 Fax: +95-1-8603463  
Email: yangon@taitra.org.tw  
Room 206, Union Business Center,  
Nat Mauk Road, Bahan Tsp. Yangon

 **TAIWAN TRADE CENTER, MANILA**  
Tel.: +63-02-5517349 Fax: +63-02-5516827  
Email: inquiry.manilattc@gmail.com  
3rd Floor, Pacific Star Building, Sen. Gil J. Puyat Ave.  
corner Makati Ave., Makati City, Philippines

 **TAIWAN TRADE CENTER, SINGAPORE**  
Tel.: +65-62350369 Fax: +65-62350315  
Email: singapore@taitra.org.tw  
6 Temasek Boulevard, #09-03 Suntec Tower Four,  
Singapore 038986

 **TAIWAN TRADE CENTER, BANGKOK**  
Tel.: +66-2-6514470 Fax: +66-2-6515923  
Email: bangkok@taitra.org.tw  
Unit 1204, 12th Fl., GPF Witthayu Tower A, 93/1  
Wireless Road, Pathumwan, Bangkok 10330, Thailand

 **TAIWAN TRADE CENTER, REPRESENTATIVE OFFICE IN HO CHI MINH CITY**  
Tel.: +84-8-3939-0837 Fax: +84-8-3939-0841  
Email: hcmc@taitra.org.tw  
16Fl., Central Plaza Office Building, No. 17,  
Le Duan Str., Dist. 1, Ho Chi Minh City, Vietnam

### OCEANIA

 **TAIWAN TRADE CENTER, SYDNEY**  
Tel.: +61-2-9279 4800 Fax: +61-2-9279 4811  
Email: sydney@taitra.org.tw  
Suite16.01, Level 16, 55 Clarence Street,  
Sydney, NSW 2000, Australia

### AMERICAS

 **TAIWAN TRADE CENTER DO BRASIL**  
Tel.: +55-11-3283-1811 Fax: +55-11-3283-1804  
Email: brazil@taitra.org.tw  
Av. Paulista, 1274 - 13<sup>o</sup> Andar,  
São Paulo-SP-Brasil, CEP 01310-200

 **TAIWAN TRADE CENTER, TORONTO**  
Tel.: +1-416-363-9946 Fax: +1-416-363-2023  
Email: toronto@taitra.org.tw  
2 Queen Street East, Suite 1410, Toronto,  
Ontario, Canada M5C 3G7



 **TAIWAN TRADE CENTER, VANCOUVER**  
Tel.: +1-604-681-2787 Fax: +1-604-681-9886  
Email: [vancouver@taitra.org.tw](mailto:vancouver@taitra.org.tw)  
Suite 1730, 650 West Georgia Street,  
Vancouver, BC, V6B 4N8, Canada

 **TAIWAN TRADE CENTER, MEXICO CITY**  
Tel.: +52-55-5245-8889 Fax: +52-55-5245-8890  
Email: [mexico@taitra.org.tw](mailto:mexico@taitra.org.tw)  
Bosque de la Reforma 758, Col. Bosque de Las  
Lomas, C.P.11700, Mexico City, Mexico

 **TAIWAN TRADE CENTER, CHICAGO**  
Tel.: +1-312-819-7350 Fax: +1-312-819-7346  
Email: [chicago@taitra.org.tw](mailto:chicago@taitra.org.tw)  
225 N. Michigan Ave., Suite 2304, Chicago,  
IL 60601, U.S.A.

 **TAIWAN TRADE CENTER, LOS ANGELES**  
Tel.: +1-213-908-1801 Fax: +1-213-908-1805  
Email: [la@taitra.org.tw](mailto:la@taitra.org.tw)  
3660 Wilshire Blvd., Suite 528, Los Angeles,  
CA 90010, U.S.A.

 **TAIWAN TRADE CENTER, MIAMI**  
Tel.: +1-305-266-9191 Fax: +1-305-266-8787  
Email: [miami@taitra.org.tw](mailto:miami@taitra.org.tw)  
5301 Blue Lagoon Drive, Suite 150, Miami,  
FL 33126, U.S.A.

 **TAIWAN TRADE CENTER, NEW YORK**  
Tel.: +1-212-904-1677 Fax: +1-212-904-1678  
Email: [newyork@taitra.org.tw](mailto:newyork@taitra.org.tw)  
1 Penn Plaza, Suite 2025, New York,  
NY 10119, U.S.A.

 **TAIWAN TRADE CENTER, SAN FRANCISCO**  
Tel.: +1-408-988-5018 Fax: +1-408-988-5029  
Email: [sf@taitra.org.tw](mailto:sf@taitra.org.tw)  
5201 Great America Parkway, Suite 306,  
Santa Clara, CA 95054-1122 U.S.A.

## EUROPE


 **TAIWAN TRADE CENTER, SOFIA**  
Tel.: +359-2-489-9736 Fax: +359-2-489-9734  
Email: [sofia@taitra.org.tw](mailto:sofia@taitra.org.tw)  
Business Park Sofia, Building 2,  
5 Fl., 1766 Sofia, Bulgaria


 **TAIWAN TRADE CENTER, PARIS**  
Tel.: +33-1-5689-5300 Fax: +33-1-5689-5301  
Email: [paris@taitra.org.tw](mailto:paris@taitra.org.tw)  
75 Bis, Avenue Marceau, 75116 Paris, France

 **TAIWAN TRADE CENTER, DUESSELDORF**  
Tel.: +49-211-78180 Fax: +49-211-781839  
Email: [dssf@taitra.org.tw](mailto:dssf@taitra.org.tw)  
Immermannstr. 33, 40210 Duesseldorf, Germany

 **TAIWAN TRADE CENTER, MÜNCHEN**  
Tel.: +49-89-5126710 Fax: +49-89-51267171  
Email: [munich@taitra.org.tw](mailto:munich@taitra.org.tw)  
Sonnenstr. 1, 80331 München, Germany


 **TAIWAN TRADE CENTER, BUDAPEST**  
Tel.: +36-1-266-4662 Fax: +36-1-266-4665  
Email: [budapest@taitra.org.tw](mailto:budapest@taitra.org.tw)  
H-1056 Budapest, Vaci Utca 81,1 Emelet, Hungary


 **TAIWAN TRADE CENTER, MILANO**  
Tel.: +39-02-2024-1008 Fax: +39-02-2042-2986  
Email: [milan@taitra.org.tw](mailto:milan@taitra.org.tw)  
Via Stradivari, 4, 20131 Milano, Italy


 **TAIWAN TRADE CENTER, ROTTERDAM**  
Tel.: +31-10-446-0300 Fax: +31-10-462-5265  
Email: [rotterdam@taitra.org.tw](mailto:rotterdam@taitra.org.tw)  
Innsbruckweg 118, 3047 AH Rotterdam,  
The Netherlands

 **TAIWAN TRADE CENTER, WARSAW**  
Tel.: +48-22-370-5210  
Email: [warsaw@taitra.org.tw](mailto:warsaw@taitra.org.tw)  
ul. Emilii Plater 53, 17 piętro,  
00-113 Warszawa, Poland


 **TAIWAN TRADE CENTER, BUCHAREST**  
Tel.: +40-21-3119971 Fax: +40-21-3119974  
Email: [bucharest@taitra.org.tw](mailto:bucharest@taitra.org.tw)  
3F, Chamber 1, Strada Buzesti 62-64, Sector 1,  
Bucharest, Romania

 **TAIWAN TRADE CENTER, MOSCOW**  
Tel.: +7-495-234-2988 Fax: +7-495-234-2989  
Email: [moscow@taitra.org.tw](mailto:moscow@taitra.org.tw)  
3F, 24/2 Tverskaya St., Korpus 1, Gate 4,  
Moscow 125009, Russia

 **TAIWAN TRADE CENTER, ST. PETERSBURG**  
Tel.: +7-812-677-3368 Fax: +7-812-677-3369  
Email: [stpetersburg@taitra.org.tw](mailto:stpetersburg@taitra.org.tw)  
62, 3rd line of Vasilievsky Island, St. Petersburg  
199178, Russia

 **TAIWAN TRADE CENTER, BARCELONA**  
Tel.: +34-932-419-306 Fax: +34-934-147-503  
Email: [barcelona@taitra.org.tw](mailto:barcelona@taitra.org.tw)  
Carrer de Muntaner 239, Entlo. 4 08021,  
Barcelona, Spain

 **TAIWAN TRADE CENTER, ISTANBUL**  
Tel.: +90-212-290-4000 Fax: +90-212-290-4005  
Email: [istanbul@taitra.org.tw](mailto:istanbul@taitra.org.tw)  
Eski Buyukdere Caddesi, Meydan Sok No: 3 Veko  
Giz Plaza, Kat.: 13, Maslak 34396, Istanbul, Turkey


 **TAIWAN TRADE CENTER, KYIV**  
Tel.: +380-44-5370982 Fax: +380-44-5370983  
Email: [kyiv@taitra.org.tw](mailto:kyiv@taitra.org.tw)  
7B/34, 13 Pimonenko Street, Kyiv, Ukraine 04050

 **TAIWAN TRADE CENTRE, LONDON**  
Tel.: +44-20-7638-4676 Fax: +44-20-7628-8170  
Email: [london@taitra.org.tw](mailto:london@taitra.org.tw)  
3rd Floor, 29 Wilson St. London EC2M 2SJ,  
United Kingdom

## AFRICA

 **TAIWAN TRADE CENTER, ALGIERS**  
Tel.: +213-21-922488 Fax: +213-21-922489  
Email: [algiers@taitra.org.tw](mailto:algiers@taitra.org.tw)  
7 Lotissement El Feth (Les Sables Rouges)  
El Biar, Alger, Algeria

 **TAIWAN TRADE CENTER, CAIRO**  
Tel.: +20-100-7182522  
Email: [cairo@taitra.org.tw](mailto:cairo@taitra.org.tw)  
4<sup>th</sup> Floor, Plot No. 69, Sector 1, Fifth Settlement,  
New Cairo, Egypt

 **TAIWAN TRADE CENTER, NAIROBI**  
Tel.: +254-20-271-1187 Fax: +254-20-271-1169  
Email: [nairobi@taitra.org.tw](mailto:nairobi@taitra.org.tw)  
I&M Bank House, 4th Floor, 2nd Ngong Avenue,  
P.O. Box 19363-00202, Nairobi, Kenya

 **TAIWAN TRADE CENTRE, LAGOS**  
Tel.: +234-80-6287-5420  
Email: [lagos@taitra.org.tw](mailto:lagos@taitra.org.tw)  
B9F, SAPETRO Towers, No. 1, Adelo Odeku Street,  
PMB 80145, Victoria Island, Lagos, Nigeria

 **TAIWAN TRADE CENTER, JOHANNESBURG**  
Tel.: +27-11-268-2006 Fax: +27-11-268-2017  
Email: [johannesburg@taitra.org.tw](mailto:johannesburg@taitra.org.tw)  
Ground Floor, 5 Cradock Avenue, Rosebank 2196,  
Johannesburg, RSA

## THE MIDDLE EAST

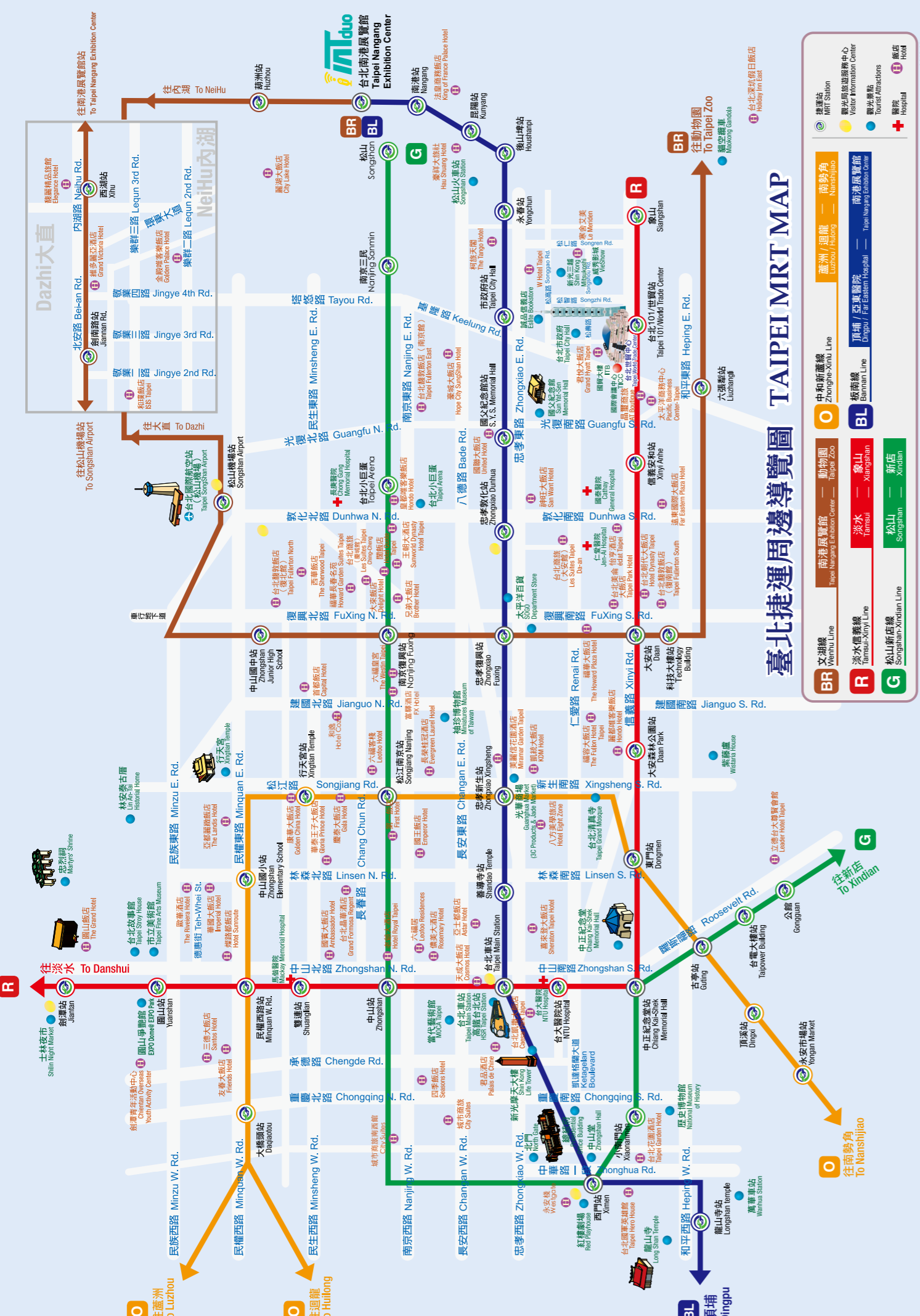
 **TAIWAN TRADE CENTER, TEHRAN**  
Tel.: +98-21-8879-4243 Fax: +98-21-8820-8642  
Email: [tehran@taitra.org.tw](mailto:tehran@taitra.org.tw)  
4F, No. 47, Banisi (Former West Farzan) St.,  
Africa Ave., Tehran, Iran

 **TAIWAN TRADE CENTER, KUWAIT**  
Tel.: +965-2226-1971 Fax: +965-2226-1970  
E-mail: [kuwait@taitra.org.tw](mailto:kuwait@taitra.org.tw)  
9th floor Mazaya Tower 2, Al Mutanabi St.,  
Al Sharq State of Kuwait

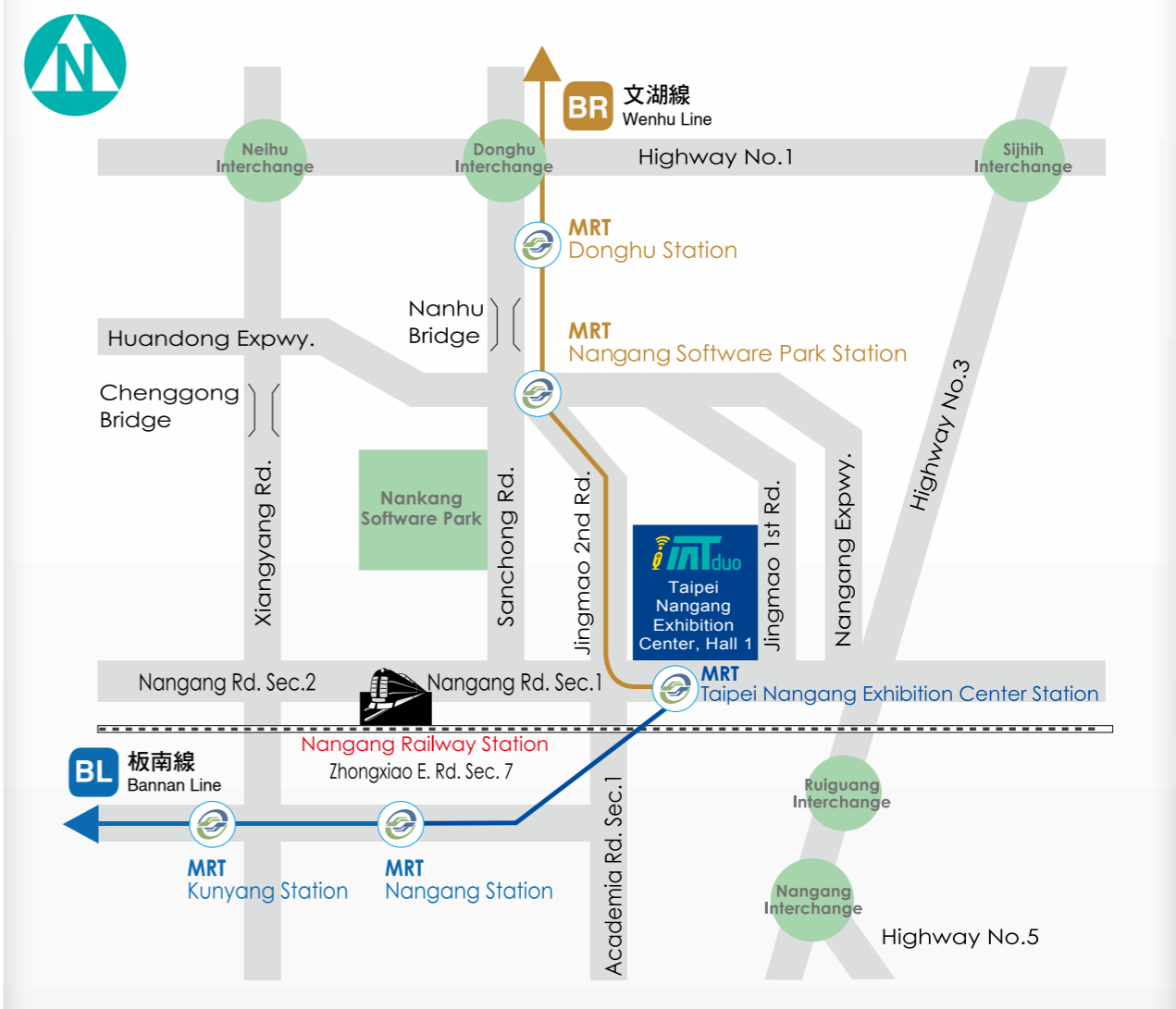
 **TAIWAN TRADE CENTRE, DUBAI**  
Tel.: +971-4-396-7814 Fax: +971-4-396-8541  
Email: [dubai@taitra.org.tw](mailto:dubai@taitra.org.tw)  
P.O. Box 5852, Dubai, U.A.E.



TAITRA overseas offices information  
or please check [www.imtduo.com.tw](http://www.imtduo.com.tw)



## How to Get to the Taipei Nangang Exhibition Center, Hall 1



If arriving by taxi, show Chinese to driver!  
 請載我到台北南港展覽館1館  
 (Qǐng zài wǒ dào táiběi nángǎng zhǎnlǎn guǎn)  
 Please take me to Taipei Nangang Exhibition Center, Hall 1

**By MRT** Take the **BR Wenhu Line** or **BL Bannan Line** and get off at the **Taipei Nangang Exhibition Center Station.**  
 (Taipei Metro)

**By Taxi** Taxis are convenient in Taipei and fares are reasonable. The minimum fare is NT\$70, increasing by increments of NT\$5 with a 20% surcharge added from 11PM to 6AM.



- Metal Cutting Machine Tools
- Metal Forming Machinery
- Machine Components & Accessories
- 3D Printing & Additive Manufacturing (AM)
- Industrial Robot
- Industrial Automation
- Internet of thing, IoT · Cyber-Physical System, CPS · Enterprise Resource Planning, ERP
- CAD & CAM & CAE · Inspection & Measurement and Quality assurance · Manufacturing Execution System, EMS
- Education & Innovation Pavilion
- German Pavilion
- Associations and Trade Media

# Taipei Nangang

# Exhibition Center, Hall 1



# 1<sup>F</sup>

## GROUND FLOOR

台北南港展覽館1館  
Taipei Nangang Exhibition Center, Hall 1  
一樓展場平面圖  
Ground Floor Exhibition Hall Plan (1F)

※ Data as of February 8, 2018.

# Exhibitors List

(In Alphabetical Order)

Exhibitors List as of February 8, 2018.



## Metal Cutting Machine Tools

Company	Website	Booth No.
AEROSPACE INDUSTRIAL DEVELOPMENT CORPORATION	www.aidc.com.tw	I0616
ASIA POWER LASER MAKER CO., LTD.	www.aplm.com.tw	J0406
BLUETEK INTERNATIONAL LTD.	www.bluetek.com.tw	J0328
CASTEK MECHATRON INDUSTRY CO., LTD.	www.castek.com.tw	J1218
CENTURY TRADING CORPORATION	www.centra.com.tw	J0834
CHAIN-HEADWAY MACHINE TOOLS CO., LTD.	www.chmt.com.tw	I0116
CHAMPMILL PRECISION LTD.	www.champmill.com.tw	K0302
CHENG TAI		I0622
CHIAH CHYUN MACHINERY CO., LTD.	www.chiah-chyun.com	J0318
CHIN TAIRY ENTERPRISE CO., LTD.	www.ctm-avr.com.tw	J1230
CHING HUNG MACHINERY & ELECTRIC INDUSTRIAL CO., LTD.	www.chmer.com	K1008
CHUAN LIANG INDUSTRIAL CO., LTD.	www.cnc-engraving.com.tw	J1328
CINCOM MIYANO TAIWAN CO., LTD.	www.cmtw-machine.com.tw	J0608
DAH LIH MACHINERY INDUSTRY CO., LTD.	www.dahliah.com.tw	K0602
EURO-SOURCE (TAIWAN) LTD.	www.eurosource.com.tw	K0302
EYAN MACHINE TOOLS CO., LTD.	www.eyan.com	J0606
FACOTRY AUTOMATION TECHNOLOGY CO., LTD.	www.femco.com.tw	J0106
FAR EAST MACHINERY CO., LTD.	www.femco.com.tw	J0106
FEATHER RISE CO., LTD.	www.featherrise.com	K1104
FREJOTH INTERNATIONAL LTD.	www.frejoth.com.tw	J0506
GIULIANI IEMCA MACHINERY CO., LTD.	www.iemca.com/tw/tw/	I0532
HC FENG CO., LTD.	www.hc5571.com	J1034
HOLDING ELECTRIC CO., LTD.	www.holding.com.tw	K1214
HOW-MAU INDUSTRIAL CO., LTD.		J1127
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	www.itri.org.tw	I0816
JAR HON MACHINERY CO., LTD.	www.jarhon.com.tw	J1226
JEENXI TECHNOLOGY CO., LTD.	www.jeenxi.com.tw	J0134
JINN JYE PRECISE MACHINE CO., LTD.	www.jinn-jye.com.tw	J1134
KAO MING MACHINERY INDUSTRIAL CO., LTD.	www.kaoming.com	J0418
KENUC PRECISION MACHINERY CO., LTD.	www.kenuc.com	J0808
KONTEC PRECISION INDUSTRIAL CO., LTD.	www.koton-edm.com	K0402
KOVA PRECISION INDUSTRIAL CO., LTD.	www.kova.com.tw	J0306

L&L MACHINERY INDUSTRY CO., LTD.	www.llmachinery.com.tw	J0128
LANTECH INDUSTRIAL CO., LTD.	www.lans.com.tw	J1329
LE CHENG MACHINERY CO., LTD.	www.lecheng.com.tw	J1318
LIEN SHENG MECHANICAL & ELECTRICAL CO., LTD.	www.aristech.com.tw	I0529
LIYOU HSING CO., LTD.	www.la-machine.com.tw	J1314
LUREN PRECISION CO., LTD.	www.luren.com.tw	K0308
MAHO ENTERPRISE CO., LTD.	www.trade-max.com.tw	J1216
MAXIMART CORPORATION	www.maximart.com.tw	K0302
MAXMILL MACHINERY CO., LTD.	www.maxmill-cnc.com	J0118
NATIONAL CHUNG CHENG UNIVERSITY	www.ccu.edu.tw/index.php	K1308
NEUAR PRECISION MACHINERY CO., LTD.	www.neuar-edm.com	J1118
NEW CHAIN-TONGS CO., LTD.	www.atoli.com	K0502
OH PRECISION CORPORATION	www.ohprecis.com	K0408
OSCAR E.D.M. COMPANY LTD.	www.oscaredm.com.tw	J0518
PEIPING PRECISION ENTERPRISE CO., LTD.	www.pei-ping.com	J0528
PO LY GIM MACHINERY CO., LTD.	www.polygim.com.tw	K0508
PRECISION MACHINERY RESEARCH & DEVELOPMENT CENTER	www.pmc.org.tw	I1016
RONG FENG PRECISION CHIH YEH CO., LTD.	www.ronfeng.com.tw	K1208
SHANG NONG INDUSTRY CO., LTD.	https://snico.en.taiwantrade.com	J0428
SHENG YU MACHINERY CO., LTD.	www.worldmax.com.tw	J1134
SHENQ FANG YUAN TECHNOLOGY CO., LTD.	www.sfy-tech.com.tw	I0630
SHIN WU MACHINERY TRADING CO., LTD.	www.shinwu.com.tw/cn/	J0818
SHUANG CHUN ENTERPRISE CO., LTD.	www.a899.net	K1203
SISTER MACHINE TECHNOLOGY CO., LTD.	www.sister-cnc.com	K1002
SUN FIRM MACHINERY IND. CO., LTD.	www.sunfirm.com	J0312
TAIWAN MORE-CASH VILLAGE CORP.	www.gsc-tw.com	J1334
TSYR TZUN INDUSTRIAL CO., LTD.	www.tsytr-tzun.com	K1204
WAYJET MACHINE TOOLS CO., LTD.	www.wayjet-machine.com.tw	J0534
WIVIA MACHINERY CO., LTD.	www.wivia.com.tw	J1116
YAMAZAKI MAZAK TAIWAN CORPORATION	www.mazak.com.tw	K0106
YAN YANG PRECISION IND. CO., LTD.	www.tsyedm.com	K1112
YANG IRON PRECISION CORP.	www.yipc.com.tw	J1010
YEAN-LU-YI CO., LTD.	www.uenlwue.com	J1326
YON-FONG MACHINERY CO., LTD.	www.yonfong.com.tw	K1302

## Metal Forming Machinery

Company	Website	Booth No.
AMADA TAIWAN INC.	www.amada.com.tw	J0512
APLUS SPINDLE CORPORATION	www.aplusspindle.com	I0530
C-DOUBLE ENTERPRISE CO., LTD.	www.kyoden.com.tw	J0618
CHANG LIAN FA MACHINERY CO., LTD.	www.riveting.com.tw	J1226
HUEN CHEN MACHINERY CO., LTD.	www.huenchen.com.tw	J1233
KING SHANG YUAN MACHINERY CO., LTD.	www.ksy-machine.com	K0502
LASER SOLUTION TECHNOLOGY CO., LTD.	www.lasersolution.com.tw	K1304

## Machine Components & Accessories

Company	Website	Booth No.
ANN WAY MACHINE TOOLS CO., LTD.	www.annwaytools.com.tw	I0106
APEX PRECISION TECHNOLOGY CORP.	www.plt.com.tw	I1215
ARES TRANSMISSION & CONVEYOR SYSTEMS CO., LTD.	www.arestbush.com.tw	I1101
AUTO SUPER CO., LTD.	www.autosuper-vice.com	I1006
AVC INDUSTRIAL CORP.	www.ip68.com.tw	I1108
BAO-I TECHNOLOGY CORPORATION	www.bao-i.com.tw	J1108
BEST METAL HARDWARE CO., LTD.	www.walter-tools.com/zh-cn/pages/default.aspx	I0306
BEWELL TOOL TRADING CO., LTD.	www.bewell.com.tw	I0329
BLASER SWISSLUBE TAIWAN INC.	www.blaser.com	J0302
BUILDWELL INDUSTRIAL CO., LTD.	www.buildwell.com.tw	I0501
CAPTAIN SCIENCE CORPORATION	www.capind.com.tw	I0230
CHARN JING ENTERPRISE LTD.	www.25770608.tw	I1201
CHENA XIN COMPANY		I0306
CHERNG JIN TECHNOLOGY CO., LTD.	www.cgmchuck.com	I0500
CHIAO CHUEN PRECISION MACHINERY CO., LTD.	www.precise.com.tw	I1202
CHOU & HSIEH CO., LTD.	www.3dmilling.com.tw	I0323
CHU WEIR TECHNOLOGY CO., LTD.	www.cuttingtools-gft.com	I1212
CHUNLIN MACHINE TOOLS, INC.	www.chunlin.com.tw	I0302
CITY TOOLS CO., LTD.	www.citytools.com.tw	I0702
COOLING INDUSTRIAL CO., LTD.	www.coolbit.com.tw	I1312

DEYITA TECHNOLOGY CO., LTD.	www.deyita.com	I0611
DHF PRECISION TOOL CO., LTD.	www.endmill.com.tw	I0906
DOW FENG FUH ENTERPRISE CO., LTD.	www.dfftools.com.tw	I0406
EUUCOM CNC MACHINERY CO., LTD.	www.eucom.com.tw	I1306
EVERMORE MACHINE CO., LTD.	www.evermore-tools.com	I0812
EXACT MACHINERY CO., LTD.	www.exactmachinery.com	I0316
FANTASY GRINDING ENGINEERING INTERNATIONAL LTD.	www.fge.com.tw	I0224
FARSIGHT PRECISION CO., LTD.	www.farsight.com.tw	I0908
FONGEI INDUSTRY CO., LTD.	www.fongei.com	I0705
FOXNUM TECHNOLOGY CO., LTD.	www.foxnum.com	I0605
GHI FALCON BUSINESS	www.globalfalcon.com.tw	I1001
GIN CHAN MACHINERY CO., LTD.	www.ginchan.com.tw	I0806
GOODCOMER CO., LTD.	www.goodcomer.com	I0902
GUANG DAR MAGNET INDUSTRIAL LTD.	www.guangdar.com.tw	I1006
HAI LU JYA HE CO., LTD.	www.hai-lu-oil.com	I1216
HANDSOME.KG TECHNOLOGY CO., LTD.		I1008
HEMMING CORPORATION	www.hemming.com.tw	I1206
HERBERT ENTERPRISE CO., LTD.	www.her-bert.com	I1308
HOLD WELL INDUSTRIAL CO., LTD.	www.holdwell.com	I0130
HOMGE MACHINERY INDUSTRIAL CO., LTD.	www.homge.com.tw	I0426
IGUS TAIWAN COMPANY LTD.	www.igus.com.tw	I0416
JAM SONG TRADING CO., LTD.	www.jamsong.com.tw	I0306
JETON R/D & MFG. INC.	www.jeton.com.tw	I1102
JIMMORE INTERNATIONAL CORP.	www.jimmore.com.tw	I0326
JOETEK COMPANY LTD.	www.joetek.com.tw	I0601
KAI FANG PHOTOELECTRIC CO., LTD.	www.kfpcsensor.com	J1210
L&H MACHTECH CO., LTD.	www.sharponetool.com	I0302
LI HSING PRECISION TOOL CO., LTD.	www.li-hsing.com	I1311
LIHSUN INDUSTRIAL CO., LTD.	www.lihsun.com	I0401
LIN PONG TRADING CO., LTD.	www.linpong-trade.com.tw	I0516
LIS AUTOMATIC CONTROLLED CO., LTD.	www.lisautomatics.com	I0526
MEGUS INTERNATIONAL CORPORATION	www.megus1989.com	I0502
NISIN PRECISION CO., LTD.	www.separator.com.tw	I1100
NORRES TAIWAN CO., LTD.	www.norres.tw	I0602
PAO HWA TRADING CO., LTD.	www.paohwa.com	I0126
POWER MICRO CO., LTD.	www.power-micro.com.tw	I1002

# Exhibitors List

(In Alphabetical Order)

Company	Website	Booth No.
PRECO CORPORATION	www.actuators.com.tw	I0201
SAFEWAY MACHINERY INDUSTRY CORPORATION	www.safeway-vise.com	I0406
SANKYO SEISAKUSHO CO., TAIWAN BRANCH	www.sankyo-seisakusho.co.jp	J1110
SETCO SPINDLES, INC., TAIWAN BRANCH (USA)	www.setco.com	I0430
SHENG FENG GER VENTILATOR INDUSTRY CO., LTD.	www.ventilate.com.tw	I1304
SHINTEK MACHINERY CO., LTD.	www.syic.com	I0116
SHIN-YAIN INDUSTRIAL CO., LTD.	www.syic.com	I0116
SHUTER ENTERPRISE CO., LTD.	www.shuter.com.tw	J1208
SING LUNG TRADING CO., LTD.	www.sl.com.tw	I0112
SONG GIA INDUSTRIAL CO., LTD.		I1112
STAMPINGMASTERS ENTERPRISE CO., LTD.	www.tohatsu.com.tw	I1316
STANNY MACHINE TOOLS CO., LTD.	www.stanny.com.tw	I0406
T. FORCE CO., LTD.	www.tforce.com.tw	I0901
TA HENG CUTTING TOOL CO., LTD.	www.stwang.com.tw	I0102
TAIWAN ASAHI DIAMOND INDUSTRIAL CO., LTD.	www.taiwandiamond.com	I0330
TAIWAN ZIMEX CO., LTD.	www.zimex.com.tw	I1106
TAN JIA PRECISION TECHNOLOGY CO., LTD.	www.tjr.com.tw	I0412
TBI MOTION TECHNOLOGY CO., LTD.	www.tbimotion.com.tw	I1012
TORNG INDUSTRIAL CO., LTD.	www.torng.com.tw	I1006
WALRUS PUMP CO., LTD.	www.walruspump.com	I0132
WE FUN INDUSTRIAL CO., LTD.	www.we-fun.com	I1208
WEXTEN PRECISE INDUSTRIES CO., LTD.	www.wexten.com.tw	I0312
YOU MIIN INDUSTRIAL CO.		I0306

## 3D Printing & Additive Manufacturing(AM)

Company	Website	Booth No.
3D PRINTING TECHNOLOGY CO., LTD.	www.3dprinting.com.tw	K0429a
CMW COATINGS (HONG KONG) LTD. TAIWAN BRANCH	www.cmw3dprinter.com.tw	K0629
MASTECH MACHINE CO., LTD.	www.mastech3d.com	K0329
QTS CORPORATION	www.qts.tw	K0429
SOLIDWIZARD TECHNOLOGY CO., LTD.	www.swtc.com	K0226
TWIN SOFT INDUSTRIAL CO., LTD.	www.twinsoft.com.tw	K0130

## Industrial Robot

Company	Website	Booth No.
UNIVERSAL ROBOTS A/S TAIWAN BRANCH	www.universal-robots.com	K1116
YOLING TECH CO., LTD.	www.yolingt.com	K0730

## Industrial Automation

Company	Website	Booth No.
BOSSARD LTD., TAIWAN BRANCH	www.bossard.com	K0426
CHEF AUTOMATION CO., LTD.	www.chef-automation.com.tw	K1315
DYNA COMPRESSOR CO., LTD.	www.dyna-compressor.com	K0316
EVERFINE INDUSTRIAL CO., LTD.	www.efcotec.com	K1119
HONTKO CO., LTD.	www.hontko.com	K0230
INTERVALZERO APAC	www.kingstar.com	K0826
LYEDM INDUSTRIAL CORP.	www.lyedm.com	K0216
METAL INDUSTRIES RESEARCH & DEVELOPMENT CENTRE	www.mirdc.org.tw	I1322
MITSUBISHI ELECTRIC TAIWAN CO., LTD.	www.mitsubishielectric.com.tw	K0808
NEW J.R. ELECTRONIC CO., LTD.	www.newjr.com.tw	K0326
PIN HONG TECHNOLOGY CO., LTD.	www.pht-gear.com.tw	K0324
SHE HEN ENTERPRISE CO., LTD.	www.shehen.com.tw	K0330
SHIDOFON INDUSTRY CO., LTD.	www.aramark-compressor.com	K1216
SINTEK-SG CORPORATION	http://sintek-sg.com	K0516
SYNTEC TECHNOLOGY CO., LTD.	www.syntecclub.com.tw	K0707
TRANSWELL INTERNATIONAL INCORPORATION	www.transwell-int.com.tw	K0516
XFORCE TECHNOLOGY CO., LTD.	www.x-force.com.tw	K0629a
YULON MOTOR CO., LTD.	www.yulon-motor.com.tw	K0630

## Internet of thing, IoT · Cyber-Physical System, CPS · Enterprise Resource Planning, ERP

Company	Website	Booth No.
BOKER INFORMATION CO., LTD.	www.boker.com.tw	K0430
CTCI ADVANCED SYSTEMS INC.	www.acs.com.tw	K0529
ISKEN INTERNATIONAL CO., LTD.	www.isken.com.tw	K0530
SHINKONG TECHNOLOGIES CORPORATION		K0729

## CAD & CAM & CAE · Inspection & Measurement and Quality assurance · Manufacturing Execution System, MES

Company	Website	Booth No.
ALPHA PRECISION INSTRUMENTATION CORPORATION	www.apic.com.tw	K0824
ASIMETO (HONG KONG) INC. TAIWAN BRANCH	www.asimeto.com	K0229a
CHUNG YI TECHNOLOGY CO., LTD.	www.cytek.com.tw	K0526
CORETECH SYSTEM (MOLDEX3D) CO., LTD.	www.moldex3d.com	K0924
EVER BRIGHT PRECISION LTD.	www.everbright.com.tw	K0126
GENERAL INTEGRATION TECHNOLOGY CO., LTD.	www.git.com.tw	K1026
GRINDER ENGINEERING CO., LTD.		K0624
HWAIN-YI TECHNOLOGY CO., LTD.	www.mcam.com.tw	K0526
JOIN STAR TRADING CO., LTD.	www.join-star.com.tw	K0416
MARPOSS COMPANY LIMITED	www.marposs.com	K0726
MITUTOYO TAIWAN CO., LTD.	www.mitutoyo.com.tw	K0616
OTSUKA INFORMATION TECHNOLOGY CORP.	www.oitc.com.tw	K0626
PITOTECH CO., LTD.	www.pitotech.com.tw	K0424
RENISHAW (TAIWAN) INC.	www.renishaw.com.tw	K0116
SCTW INTERNATIONAL CO., LTD.	www.scitw.com.tw	J0328
UNIVERSAL STANDARD VISION TECHNOLOGY CORPORATION	www.usdvision.com	K1024
YING-MAU CO.		K1120

## Education & Innovation Pavilion

Company	Website	Booth No.
CHIENKUO TECHNOLOGY UNIVERSITY	www.ctu.edu.tw	
CHUNG YUAN CHRISTIAN UNIVERSITY	www.cycu.edu.tw	
NATIONAL FORMOSA UNIVERSITY DEPARTMENT OF AUTOMATION ENGINEERING	http://autoweb.nfu.edu.tw	
NATIONAL FORMOSA UNIVERSITY DEPARTMENT OF INDUSTRIAL MANAGEMENT	http://iem.nfu.edu.tw	
DEPARTMENT OF MECHANICAL ENGINEERING, DAHAN INSTITUTE OF TECHNOLOGY	www.dahan.edu.tw	

## German Pavilion

Company	Website	Booth No.
BLUM PRODUCTION METROLOGY CO., LTD.	www.blum-novotest.com	K0816
GERMAN TRADE OFFICE TAIPEI	www.taiwan.ahk.de	K1020
GSTC TECHNOLOGY CO., LTD.	www.gstc.com.tw	K0920
KTR TAIWAN LTD.	www.ktr.tw	K1016
ROAD AHEAD TECHNOLOGIES CONSULTANT CORP.	www.ratc.com.tw	K0916

## Associations and Trade Media

Company	Website	Booth No.
ASIANNET INC.	www.asiannet.com.tw	K1229
CHUAN HWA BOOK CO., LTD.	www.opentech.com.tw	K1323
CHUNG TAI INFORMATION SERVICE	www.ctistw.com.tw	K1329
G.T. MARKETING CONSULTANT CO., LTD.	www.gtmc.com.tw	K1324
HUA NAN COMMERCIAL BANK	www.hncb.com.tw	K1125
IENET MEDIA TAIWAN	www.ienet.com.tw	K1223
INFORCHAIN DIGITAL TECHNOLOGY CO., LTD.	tw.asiamachinery.net	K1225
INFOWIN INFORMATION CO., LTD.	www.ctimes.com.tw	K1330
LAND BANK OF TAIWAN CO., LTD.	www.landbank.com.tw	K1126
LETS MEDIA CORPORATION	www.letsmedia.com.tw	K1220
LOTUS BUSINESS INFORMATION CO., LTD.	www.allmetalworking.com	K1230
PHD BOOKS CO., LTD.	www.phdbooks.com.tw	K1328
RINGIER TRADE MEDIA LTD.	www.industrysourcing.com	K1319
TAIWAN ASSOCIATION OF MACHINERY INDUSTRY (TAMI)	www.tami.org.tw	K0830
TAIWAN BUSINESS BANK	www.tbb.com.tw	K1123
TAIWAN INTERNATIONAL PORTS CORPORATION LTD.	www.twport.com.tw	K1314
TAIWAN MACHINE TOOL FOUNDATION	www.tmtf.org.tw	K0930
TEAM BEST MARKETING INT'L CO., LTD.	www.team-best.com.tw	K1320
THE EXPORT-IMPORT BANK OF THE REPUBLIC OF CHINA	www.eximbank.com.tw	K1124
WORLDWIDE SERVICES CO., LTD.	www.acw.com.tw	K1316



<b>TIOS</b> Taiwan Int'l Orkid Show Taiwan Orkid Weekender	Mar. 2-12	<b>TCFB</b> Taichung Int'l Tea, Coffee and Bakery Show, Taichung International Exhibition Center - TCBC	July 6-9
<b>TaiSPO</b> Taipei Int'l Sporting Goods Show	Mar. 8-10	<b>SMART ASIA Taiwan</b> Taichung International Exhibition Center - TCBC	July 19-21
<b>SPOMODE</b> Taipei Int'l Sports Textile & Accessory Expo	Mar. 8-10	<b>TAIPEI PLAS</b> Taipei Int'l Plastics & Rubber Industry Show	Aug. 13-19
<b>DiWaS</b> Taiwan Int'l Diving and Water Sports Show	Mar. 8-10	<b>ShoeTech</b> Taipei International Shoe Making Technology Show	Aug. 15-19
<b>Taiwan Int'l Boat Show</b> Hsinchu Ship Marina	Mar. 15-18	<b>Aqua Taiwan</b> Taiwan Int'l Water Show	Aug. 29-31
<b>WOOD TAIWAN</b> Taiwan Int'l Woodworking Machinery Show	Apr. 2-5	<b>SEMICON Taiwan</b> Semiconductor Industry Show	Sept. 3-7
<b>Fastener Taiwan</b> Taiwan Int'l Fastener Show	Apr. 10-12	<b>Beauty TAIWAN</b> 2018 Taiwan Int'l Beauty Show & Industry Forum	Sept. 12-15
<b>TAIPEI AMPA</b> Taipei Int'l Auto Parts & Accessories Show	Apr. 11-14	<b>Energy Taiwan</b>	Sept. 19-21
<b>AutoTronics Taipei</b> Taipei Int'l Automobile Electronics Show	Apr. 11-14	<b>TIGIS</b> Taiwan Int'l Green Industry Show - Energy, Environment, Water Technology, Urban Planning & Green Living Products	Sept. 19-21
<b>Taiwan ITS</b> Taiwan Int'l Intelligent Transportation Show	Apr. 11-14	<b>TIAP</b> Taiwan Int'l Air Purification and Sanitation Show	Sept. 19-21
<b>MOTORCYCLE TAIWAN</b> Taiwan Int'l Motorcycle Industry Show	Apr. 12-15	<b>INST</b> Taipei Int'l Invention Show & Technosart	Sept. 27-29
<b>Taiwan Car Tuning</b> Taiwan Int'l Car Tuning & Car Care Show	Apr. 12-15	<b>DATE</b> Discover Advanced Trends in E-Commerce	Sept. 27-29
<b>Giftionery Taipei</b> Taipei Int'l Gift & Stationery Show	Apr. 19-22	<b>AUTO EXPO MYANMAR</b> Myanmar Int'l Auto Parts & Accessories Exhibition YAFMADAW Exhibition Hall	Sept. 27-30
<b>Houseware Taiwan</b> Taiwan Houseware & Home Décor Show	Apr. 19-22	<b>POWER MYANMAR</b> Myanmar Int'l Electrical, Electronics & Electric Power Equipment Fair YAFMADAW Exhibition Hall	Sept. 27-30
<b>TAIWAN SOUVENIR</b> Taiwan Souvenir & Handicraft Show	Apr. 19-22	<b>SMART ASIA India</b> Singapore International Exhibition Center (SIEC)	Oct. 4-6
<b>TILS</b> Taiwan Int'l Lighting Show	Apr. 25-28	<b>TAITRONICS</b> Taipei Int'l Electronics Show	Oct. 9-12
<b>IMTduo</b> Taipei Intelligent Machinery & Manufacturing Technology Show	May 9-12	<b>TITAS</b> Taipei Innovative Textile Application Show	Oct. 16-18
<b>YODEX</b> The 37th Int'l Young Designers' Exhibition	May 25-28	<b>Kaohsiung Food Show</b>	Oct. 25-28
<b>COMPUTEX TAIPEI</b>	June 5-9	<b>Kaohsiung Horeca</b> Kaohsiung Int'l Hotel, Restaurant, Baking and Catering Show	Oct. 25-28
<b>MEDICARE TAIWAN</b> Taiwan Int'l Medical & Healthcare Exhibition	June 21-24	<b>Kaohsiung HALAL</b> Kaohsiung Int'l HALAL Expo	Oct. 25-28
<b>SENCARE</b> Taiwan Int'l Senior Lifestyle and Health Care Show	June 21-24	<b>TAIPEI CYCLE</b> Taipei Int'l Cycle Show <b>Demo Day: Oct. 30 Oct. 31 - Nov. 3</b>	
<b>FOOD TAIPEI</b> Taipei Int'l Food Show	June 27-30	<b>TIS</b> Taipei Int'l Style Singapore Cultural & Entertainment Fair	Nov. 8-11
<b>Foodtech &amp; Pharmatech TAIPEI</b> Taipei Int'l Food Processing & Pharm. Machinery Show	June 27-30	<b>Taiwan Fishery</b> Taiwan Int'l Fisheries & Seafood Show	Nov. 23-24
<b>TAIPEI PACK</b> Taipei Int'l Packaging Industry Show	June 27-30		
<b>Taiwan HORECA</b> Taiwan Int'l Hotel, Restaurant and Catering Show	June 27-30		
<b>HALAL TAIWAN</b> Taiwan Int'l HALAL Expo	June 27-30		

[www.TaiwanTradeShows.com.tw](http://www.TaiwanTradeShows.com.tw)

**Taiwan External Trade  
Development Council (TAITRA)**  
11, Songhu Rd., Sec. 5, Hsinchu Dist., Taipei 10011, Taiwan  
Tel: 886-2-2720-6660  
Fax: 886-2-2720-1214  
E-mail: [enquiries@taitra.gov.tw](mailto:enquiries@taitra.gov.tw)

**TWTC Exhibition Hall 1**  
1, Hsu Rd., Sec. 5, Hsinchu Dist., Taipei 10111, Taiwan  
**TWTC Exhibition Hall 3**  
1, Songhu Rd., Hsinchu Dist., Taipei 10011, Taiwan  
**Taipei Nangang Exhibition Center, Hall 1**  
1, Jingshan Rd., Nangang Dist., Taipei 11508, Taiwan

**Taipei International Convention Center**  
1, Xinyi Rd., Sec. 5, Xinyi Dist., Taipei 10001, Taiwan  
**Kaohsiung Exhibition Center**  
81, Changgong 2nd Road, Gusheng Dist., Kaohsiung 804, Taiwan



# CHARMS OF



As a sea-bound land anchored at the Pacific Rim, Taiwan has been demonstrating its energy and breakthroughs in achieving economic accomplishments. For this reason, the impression of Taiwan in the minds of all too many people is that of a technologically advanced "industrial island." After a traveler arrives in Taiwan, however, he or she will discover that this island, FORMOSA, nurtures a wide array of tourism and ecological resources, a diversity of traditional folk customs, a rich culture, modern arts, and fantastic food – a place one can find surprises at every corner!



## TAIPEI 101

Taipei 101 is the fifth tallest in the world, with a mass of shops on the lower floors, incorporating many top brands under the LVMH group. The fourth floor houses the Page One bookstore from Singapore, with the highest-roofed coffee house in Taipei and many fine restaurants.



## NATIONAL PALACE MUSEUM

The National Palace Museum houses the world's largest collection of priceless Chinese art treasures, one which spans China's nearly 5,000-year history. Most of the museum's 620,000 art objects were part of the Chinese imperial collection, which began over 1,000 years ago in the early Sung dynasty.



## LOVE RIVER

Almost all big cities have a beautiful river passing by, this is specially true in Kaohsiung. Love River lies across Kaohsiung for times of sunrises and sunsets. The river was also called Kaohsiung Canal. After restoration of Taiwan, the riverbanks were beautified with greenery works and developed to be park areas, decorated with pillars chained with iron rope.



## ALISHAN

Construction of the Alishan Forest Railway was commenced in 1899 by the Japanese. Intended to transport logs down the mountain, it has a 762mm gauge, a gradient of 6.25%, and a minimum turning radius of 40 meters. The railway climbs from 30 meters above sea level to 2,216 meters, has 49 tunnels and 77 bridges, and passes through a cross-section of climates and terrain types.

## TAROKO GORGE

Taroko became a national park in 1986, including Hualien County, Nantou County and Taichung County. It is the second largest national park in Taiwan. Taroko is famous for its spectacular mountains and marble canyons. Cliffs and canyons stretch along Li Wu River. Four million years ago, the island of Taiwan was formed by the collision of plates. After millions of years of wind erosion, the marble rocks were exposed and cut by Li Wu River, creating impressive grand canyons. From Tsing Shui to Nan Hu Peak, the drop height is 3,742 meters. Such special geography has also bred special flora and fauna in this area.



## SUN MOON LAKE

Sun Moon Lake, located in the middle of Taiwan, with an elevation of 748 meters above sea level, is the only natural big lake in Taiwan. The southern part of La Lu Island is shaped like a new moon, and the northern part is shaped like a sun; hence the name Sun Moon Lake.



# Hotel List

For more information about hotels with special rates during iMTduo

Please visit [www.imtduo.com.tw/en\\_US/hotelList.html](http://www.imtduo.com.tw/en_US/hotelList.html)

**Courtyard Taipei**  
<http://www.marriott.com/hotels/travel/tpecy-courtyard-taipei/>

**Royal Seasons Hotel-Nanjing W.**  
<http://www.royalseasons.com/>

**Pacific Business Hotel**  
<http://www.businesscenter.com.tw>

**Hotel Éclat Taipei**  
<http://www.eclathotels.com/taipei/>

**Hotel Quote Taipei**  
<http://www.hotel-quote.com>

**Palais de Chine Hotel**  
<http://www.palaisdechinehotel.com/en-us/>

**Brother Hotel**  
<http://www.brotherhotel.com.tw>



**Shangri-la's Far Eastern Plaza Hotel, Taipei**  
<http://www.shangri-la.com/taipei/fareasternplazashangrila/>

**Evergreen Laurel Hotel (Taipei)**  
<http://www.evergreen-hotels.com>

**The Riviera Hotel Taipei**  
<http://www.rivierataipei.com>

**The Grand Hotel**  
<http://www.grand-hotel.org>

**Westgate**  
<http://www.westgatehotel.com.tw/>

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for iMTduo Today!



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- You will receive:**
- Free Entry Badge
  - Free Official Directory
  - Free E-newsletter updates on iMTduo 2018
  - Free Gift (Limited)

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- ✓ The latest machine tools applied with automated and robotic technologies
- ✓ The most cutting-edge 3D printing technology
- ✓ Featured events include 1-on-1 procurement meetings, seminars and forums enable exchange of ideas.

Scan the QR code now to download the iMTduo APP. Use the iMTduo APP to retrieve floor plan and lists of exhibitors, products and events.

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German Pavilion at iMTduo 2018

# MADE IN GERMANY

## - Leader in Mechanical Engineering



Germany is a reliable and strong partner in the field of machinery and plant engineering. As one of the mainstays of the German economy, the total revenue of the mechanical engineering sector for 2017 is expected to reach around EUR 230bn, up 3% from the previous year, and a growth of another 3% in output is expected in 2018. There are currently 3,730 machinery firms with a total of around 965,000 employees in Germany. A vast majority of employees in the machinery sector are working in Small or Medium enterprises (SMEs), which make up the backbone of the German industry. Many of these companies are seizing the role of global leaders for innovative, state of the art products. The machinery sector alone accounted for 14.3% of German exports in 2015, at a total of EUR 170.2bn, making it Germany's second largest group of goods sold abroad after cars and vehicles. Germany is the world's third largest export country with a global market share of 8.4% in 2016, while the German Mechanical Engineering sector is the world leader in global machinery trade with a global market share of 16%.

### Mechanical Engineering Implements Newest Technologies Through Innovative Products.

To embrace the technological challenges in the 21<sup>st</sup> century and the "Fourth Industrial Revolution" towards an Internet of Things, energy-efficient technologies, automation and artificial intelligence, the German mechanical engineering industry together with the German government jointly introduced the concept of "INDUSTRIE 4.0" in 2011. The concept acknowledges the importance of innovative and internet-based production



## iMTduo 2018 - German Pavilion

Taipei Nangang Exhibition Center, Hall 1, Ground Floor



technology, service provision and "smart machinery". The concept of INDUSTRIE 4.0 is expected to increase the German machinery industry's gross value added by a fourth until 2025. Germany is also Europe's leader in Research and Development spending, both in terms of total investment (EUR 101bn in 2015) and as share of GDP (almost 3% in 2014), which not only further enhances the Industry's Know-How, but also help attract future inward investment. Mechanical Engineering will continue to be Germany's most innovative industry sector that will further promote Germany as a high-tech nation. Germany, with its leadership role in the Mechanical Engineering sector, the deep-rooted experience and the expertise of its employees, is the perfect place with the best conditions to develop and optimize the "INDUSTRIE 4.0" concept.

### Promoting German Machinery in Taiwan

Germany, acknowledged widely as the global leader in the field of innovative production technology within the machinery industry, participates in manufacturing exhibitions worldwide. To further promote German machinery business in Taiwan, the German Trade Office Taipei (GTO) has been organizing numerous German Pavilions at international machinery shows in Taiwan. After the big successes of the German Pavilion at MTduo 2014 and 2016, the GTO will again organize the German Pavilion at iMTduo 2018 at Taipei's Nangang Exhibition Hall, 1F. This year, we invited four leading machinery companies to represent the German pavilion: Blum Production Metrology Co.Ltd., GSTC Technology Co.Ltd., KTR Taiwan Ltd. and Road Ahead Technology Consultant Corp. The

exhibitors are looking forward to presenting the best solutions of high-tech and innovative industrial products from Germany and introducing the visitors to the world of "INDUSTRIE 4.0" and the Fourth Industrial Revolution. The organizer, the German Trade Office Taipei, is part of the German Chambers of Commerce Abroad (AHK) network, with 120 offices in 80 countries. It is the first point of contact for German companies interested in the Taiwanese market and Taiwanese companies interested in expanding their business to Germany. It has been promoting trade and economic relations between the two countries since 1981 and will provide information on and help regarding the Taiwanese and German markets. It informs about investment opportunities in Germany and is offering tailor-made services through its service unit DEinternational Taiwan Ltd.







Excerpts from the Exclusive Interview with Mr. Pa-Hsi Ko, Chairman of the Taiwan Association Of Machinery Industry (TAMI)

## The Output Value of Taiwan's Machinery Industry in 2017 Has Reached NT\$ 1.1 Trillion

**T**aiwan's Machinery Industry Officially Becomes One of the Trillion Dollar Industries

In 2017, the export value of Taiwan's machinery equipment was US\$ 25.62 billion, a 21.1% rise when compared to the same period in 2016. The value of exported machinery equipment reached an all-time high over previous years. If we convert the export value in 2017 into New Taiwan Dollars, it totaled NT\$ 779.2 billion with a 14.3% increase from that in 2016. The output value of Taiwan's machinery in 2016 was NT\$ 990 billion while that in 2017 grew and was estimated to be NT\$ 1.1 trillion, up by 11.1% in the same

period last year. After 10 years of hard work, Taiwan's machinery industry has finally reached the goal of becoming one of the trillion dollar industries, setting a new milestone for itself.

The top three markets for Taiwan's machinery products in 2017 were China, the United States and Japan. To begin with, the export values to China were US\$ 7.78 billion, accounting for 30.4% of the export volume and had risen by 47.9% in the same period last year. Meanwhile, the export value to the United States was US\$ 4.13 billion, accounting for 16.1% of the export volume and had risen by 9.1%. Lastly, the export value to Japan was US\$

1.66 billion, accounting for 6.5% of the export volume and had risen by 15.2%.

The demand for machinery in China during 2015 to 2016 was low. Nevertheless, there was an explosive demand for smart, automated machines in 2017, especially mid- to high-end products. At the same time, the demand for automation, customization and smart manufacturing in China also increased. The United States, on the other hand, experienced growth after the manufacturing industry returned from overseas. However, the growth rate was not as good as expected. As for Japan, the growth rate is much

more significant. The reasons behind the growth were Japan's importation of products that Japan didn't manufacture, Japanese Yen's increased competitiveness brought by devaluation, new product lines and the demand for automation due to the falling birth rate.

### Economic Outlook for 2018: Cautiously Optimistic

In its World Economic Outlook report, the International Monetary Fund (IMF) revised global growth forecast for 2018 upward to 3.7%. The revision reflects the increased growth in regions like the United States, Europe and Japan. The emerging markets have undergone structural reforms and these markets are expected to continue the expansion. Experts also expect the growth to last throughout 2018.

Chairman Ko of the Taiwan Association of Machinery Industry (TAMI) expects that the demand for automation in China will remain strong and the gradual return of America's manufacturing industry will continue to become evident. The growth rates in Europe, Japan and Korea are likely to stay strong. Additionally, the demand for high-end products in Southeast Asian countries will emerge. In particular,

the demographic dividend in Vietnam and Indonesia will be significant. The global demand for automation and customization in 2018 are high. There will be noticeable growth in smart machines and smart manufacturing.

### Embracing 2018 as the Beginning Year of the Smart Machinery Industry to Maintain Trillion-Dollar Market Value

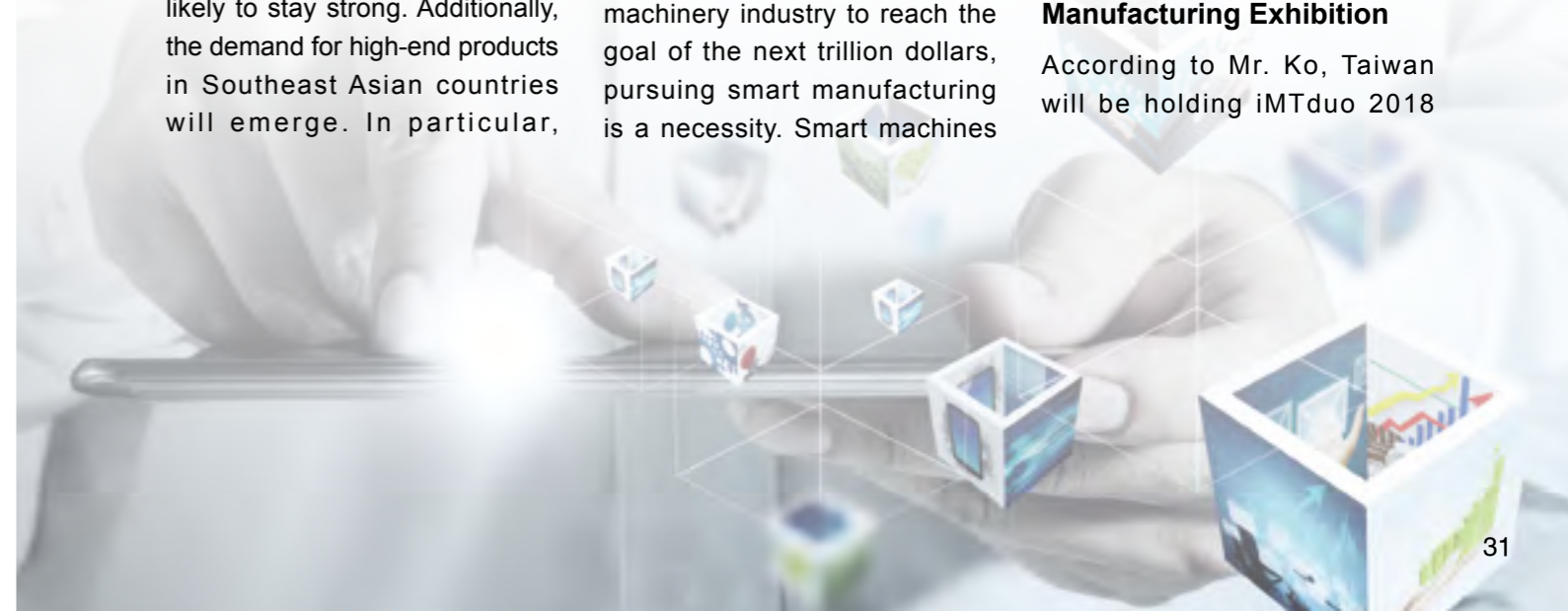
Ko mentioned that TAMI viewed 2015 as the beginning year of smart machine manufacturing in Taiwan, followed by 2016 as the year of action and 2017 as the year of integration. After three years of effort, the development trend for smart machinery has now been established. Taiwan's machinery industry will continue to advance forward in smart manufacturing, and the industry expects the Taiwanese government to devote all efforts to the development of smart machinery in order for Taiwan to become one of the hubs of smart machinery.

Ko said that it took Taiwan's machinery industry 72 years to be one of the trillion-dollar industries. For Taiwan's machinery industry to reach the goal of the next trillion dollars, pursuing smart manufacturing is a necessity. Smart machines

and smart manufacturing will act as the two driving forces aiming at the goal of Taiwan's machinery industry to become a double trillion-dollar industry. As the fourth industrial revolution, Industry 4.0 provides Taiwan's machinery industry with a starting point for equal competition. Since there's no promised method of success and no agreed upon standard for smart machinery thus far, the prospects of many new business models look bright. This offers Taiwan's machinery industry a great opportunity to surpass its German and Japanese competitors. The business opportunities are big. Manufacturers can create new business models according to their own circumstances. From late 2015 to 2016, the Taiwan Association of Machinery Industry (TAMI) have selected 12 example manufacturers out of its members to demonstrate new technology in the industry. Some of them sell automatic production lines as well as related software. It's reasonable to say that we are witnessing the rise of a new business model.

### IMTduo 2018: First-ever Smart Machinery and Smart Manufacturing Exhibition

According to Mr. Ko, Taiwan will be holding iMTduo 2018



as its first exhibition focusing on smart machinery and smart manufacturing. The exhibition will showcase its strength as the hub of smart machine manufacturing. Research institutions, the academia as well as Aerospace Industrial Development Corporation (AIDC) will also participate in the event. By placing smart machinery produced by local Taiwanese manufacturers on display, iMTduo 2018 aims to attract more visitors in the future.

In March 2019, a new exhibition hall, Taipei Nangang Exhibition Center Hall 2, will be officially opened. The space of two-floor Hall 2 of Taipei Nangang Exhibition Center is estimated to accommodate 1,800 extra booths, totaling 7,000 booths available for exhibitions. TIMTOS 2019 will be the second-largest tool machine exhibition (second only to EMO) in terms of scale. Ko mentioned that TIMTOS 2019 will be a critical exhibition in these next few years. There will be more displays for smart machines and smart production lines, which will surely attract many international buyers.

**TAMI Smart Machine Box for Cloud Sharing**

Ko mentioned that in response to the rapid growth of smart machinery, TAMI has come up with short, medium and long term development plans for these smart machines. TAMI expects



to publish the "Smart Machinery White Paper" before iMTduo 2018 as the blueprint for smart machinery. For the short and medium term plan, the machinery industry and research institutions will cooperate to develop TAMI Smart Machine Box, sensors and a public cloud. As for the long term plan, the industry will establish a database for data analysis to accomplish functions like visualization and pre-diagnosis.

Due to the fact that small and medium enterprises account for the majority of businesses, the co-developed TAMI Smart Machine Box can connect machines across mutual communication network platforms. On the other hand, it

is also very important that the Taiwanese government invests funds and research institutions develop new technology and pass it on to machine manufacturers to significantly lower the R&D cost. It will become easier to establish public cloud services after the development of TAMI Smart Machine Box and sensors.

Ko pointed out that the TAMI Smart Machine Box is actually a smart TV. If people install TAMI Smart Machine Box with sensors, they can connect machines to the network or even the IoT. The goal of having a finished product first and then improving it leads to the development of TAMI Smart Machine Box. TAMI expects to promote 1,000 sets in 2018. The

Taiwanese government and TAMI will take the lead in developing 60-70% of the potential market. The development cost can be lowered through standardization. The remaining 30% of the potential market will have to come from differentiation of products between Taiwanese manufacturers and their competitors.

Ko uses the construction of highways as an example. The government is responsible for building highways while users should pay to use them. Machine manufacturers don't need to "build highways" for themselves, as international manufacturers are capable of setting industry regulations. For instance, DMG

MORI set up a new subsidiary company ISTOS responsible for the integration of machine-internet connection and digital plants. MAZAK also developed the Mazak SmartBox.

Sensors resemble human sensory systems. The sensors now on the market are too expensive to become favorable products. Therefore, the reason for developing sensors is to significantly reduce cost and supply affordable sensors for machine manufacturers. Chunghwa Telecom and Institute for Information Industry (III) work together to put shareware on the public cloud for promotion of the public cloud services. Machine manufacturers can all

utilize shareware and establish databases for data analysis to accomplish functions like visualization and pre-diagnosis accordingly.

The cooperation between Information Service Industry Association of R.O.C. (CISA) and Taipei Computer Association (TCA) can assist Taiwan's machinery industry in combining information and communication technology. Taiwan has both strong machine manufacturing as well as information and communication industry. A strong alliance is the cornerstone for building the hub of smart machinery.

Ko said that 2017 is truly the year of integration and we all witnessed a successful integration. TAMI's Smart Machinery Industry-Academia Research Committee has been recruiting the right talent and integrating resources to accomplish more. In the future, TAMI will continue to urge the Taiwanese government to spend funds wisely. The top down approach will be replaced by a bottom up approach to guide resources from the Taiwanese government, the academia and research institutions where the machinery industry needs the most to seize the business opportunities and to establish Taiwan as the hub of smart machines.

*Translation: Worldwide Serices Co., Ltd.*

# Taiwan Machine Tool Foundation (TMTF)

C.C. Wang, President of TMTF

Taiwan machine tool industry experienced a comparably tough period in 2015 and 2016. Both the European debt crisis and the slowing demand from China had led to a considerable drop on export and imports. In 2016, the total export value was 2.9 billion U.S. dollar, decreased 9% compared to 2015; however, the data also showed a rebound

back to positive growth in the fourth quarter of 2016. In December 2016, the export value reached 270 million U.S. dollar, increased 1.9% compared to the same period in 2015. In 2017, the Taiwan machine tool industry carried on the growth and finally rose back up from the low point.

**Table(1) Taiwan Imports of MachineTools in 2017 (Jan.~Nov.) by Products**

Unit: US\$1,000

Code	Products	Jan.-Nov./ 2016	Jan.-Nov./ 2017	Change(%)
<b>Machine Tools</b>		<b>660,260</b>	<b>775,419</b>	<b>17.4%</b>
8456	EDM, Laser Cutting M/C, etc.	198,000	331,814	67.6%
8457	Machining Centers	93,049	80,018	-14.0%
8458	Lathes	130,595	100,958	-22.7%
8459	Drilling, Boring, Milling M/C	23,716	17,995	-24.1%
8460	Grinding Machines	77,956	68,686	-11.9%
8461	Shaping, Sawing, Gearing M/C	56,115	60,168	7.2%
<b>Metal Cutting Machine Tools</b>		<b>579,431</b>	<b>659,639</b>	<b>13.8%</b>
8462	Presses & Shearing Machines	56,311	97,485	73.1%
8463	Other Metal Forming MT	24,518	18,295	-25.4%
<b>Metal Forming MT</b>		<b>80,829</b>	<b>115,780</b>	<b>43.2%</b>

**Table(2) Taiwan Imports of MachineTools in 2017 (Jan~Nov) by Destination**

Unit: US\$1,000

Rank	Country	Jan.-Nov./ 2016	Jan.-Nov./ 2017		Change(%)
			Value	%	
1	Japan	321,602	385,207	49.7%	19.8%
2	China	48,362	77,411	10.0%	60.1%
3	Germany	68,040	72,738	9.4%	6.9%
4	Singapore	5,821	55,193	7.1%	848.2%
5	Switzerland	43,032	53,601	6.9%	24.6%
6	United States	46,463	25,270	3.3%	-45.6%
7	Korea	24,951	21,334	2.8%	-14.5%
8	Thailand	44,536	18,723	2.4%	-58.0%
9	Italy	15,563	17,510	2.3%	12.5%
10	Israel	2,529	11,026	1.4%	336.0%
11	Austria	3,576	5,906	0.8%	65.2%
12	United Kingdom	2,924	3,386	0.4%	15.8%
	Others	32,861	28,114	3.6%	-14.4%
<b>Total</b>		<b>660,260</b>	<b>775,419</b>	<b>100.0%</b>	<b>17.4%</b>

## Taiwan Machine Tool Industry Status Report: Export increased 15.1% and import increased 17.4% from Jan. to Nov. in 2017

**Table(3) Exports of Taiwan MachineTools in 2017 (Jan.~Nov.) by Products**

Unit: US\$1,000

Code	Products	Jan.-Nov./ 2016	Jan.-Nov./ 2017	Change(%)
<b>Machine Tools</b>		<b>2,624,806</b>	<b>3,020,424</b>	<b>15.1%</b>
8456	EDM, Laser Cutting M/C, etc.	143,954	155,684	8.1%
8457	Machining Centers	973,101	1,089,945	12.0%
8458	Lathes	468,348	570,406	21.8%
8459	Drilling, Boring, Milling M/C	220,411	321,243	45.7%
8460	Grinding Machines	221,748	216,521	-2.4%
8461	Shaping, Sawing, Gearing M/C	141,821	165,110	16.4%
<b>Metal Cutting Machine Tools</b>		<b>2,169,383</b>	<b>2,518,909</b>	<b>16.1%</b>
8462	Presses & Shearing Machines	360,415	403,845	12.0%
8463	Other Metal Forming MT	95,008	97,670	2.8%
<b>Metal Forming MT</b>		<b>455,423</b>	<b>501,515</b>	<b>10.1%</b>

**Table(4) Exports of Taiwan Machine Tools in 2017 (Jan.~Nov.) by Destination**

Unit: US\$1,000

Rank	Country	Jan.-Nov./ 2016	Jan.-Nov./ 2017		Change(%)
			Value	%	
1	China	788,412	1,019,940	33.8%	29.4%
2	United States	319,602	329,063	10.9%	3.0%
3	Turkey	136,372	125,656	4.2%	-7.9%
4	Germany	99,290	114,518	3.8%	15.3%
5	Thailand	100,096	110,578	3.7%	10.5%
6	Vietnam	85,110	97,823	3.2%	14.9%
7	India	85,006	97,639	3.2%	14.9%
8	Korea	63,053	91,830	3.0%	45.6%
9	Russia	68,796	87,910	2.9%	27.8%
10	Netherlands	87,437	85,007	2.8%	-2.8%
11	Italy	71,698	80,570	2.7%	12.4%
12	Japan	82,003	75,763	2.5%	-7.6%
13	Malaysia	52,190	71,306	2.4%	36.6%
14	United Kingdom	41,896	52,096	1.7%	24.3%
15	Indonesia	49,944	47,644	1.6%	-4.6%
	Others	493,901	533,081	17.6%	7.9%
<b>Total</b>		<b>2,624,806</b>	<b>3,020,424</b>	<b>100%</b>	<b>15.1%</b>



## See **More** Offers from Exhibitors at **iMTduo**

### **IEMCA** - Ideal 438 Automatic Bar Feeder

The IEMCA Ideal 438 automatic bar feeder is suitable for bars range  $\varphi 4\sim 38\text{mm}$ , and length from 1000 to 3700mm that specially developed for the COMBO type lathe (of GB or NGB mode possible). The Ideal 438 is designed for the needs of small and mid-size bar job in high-speed processing and effective production uptime, satisfying the pursuit of high performance equipment. The Ideal 438 is rigid, precise, and easy to operate for meeting the utilization of combo lathe with innovative Swiss & Chuck (Axial-Shifting) device effectively adapting the GB-NGB mode change in the equipment.



### **HC FENG** - Cutting Coolant Purification Equipment, BEST-1

HC FENG's cutting coolant purification equipment, BEST-1, is the perfect option for refining the cutting fluid. BEST-1 filters impurities, separates oil from water, and sterilizes and deodorizes the fluid with an additionally fitted ozone apparatus. BEST-1 can effectively extend the cycle of customers' coolant, which in turn enhances the machining precision, extends tool life, and significantly reduces the time for staff to clean and replace the cistern. With BEST-1, the cutting fluid can be re-used and no longer stinks.



### **KINGSTAR** - A "Smart" Software Automation Platform which Supports "Industry Standards"

The Kingstar automation platform is not only emphasizing "software replacing hardware", but also the key of a world-renowned RTOS-- RTX! Kingstar platform is beyond motion control, vision and PLC working together, and the PLC have excellent "PLC direct manipulation" world-renowned robot arms; And "Real-Time Vision" at  $\mu\text{s}$  level will solve the problem of frame loss. Associating with great partners, the Kingstar controller is able to connect your ERP, MES, intranet or Cloud through OPC UA to perform data upload/ download, analysis and monitoring, even editing, modify the program and download it to the client or controllers in the factory equipment.



### **CHIAH CHYUN** - SY2-52 CNC Turning & Milling Lathe

The SY2-52 is a Swiss-Type turning and milling center with multi-axis synchronous control, double spindle, and complete tool systems on both front & back sides to offer highly efficient parts processing in a single cycle.



**Removable Guide Bush:** The guide bush can be exchanged for the spindle in a short time to shorten idle time.

**Double Built-in Spindle C axis:** High performance Mitsubishi built-in spindles for superb machining precision, max speed 6,000rpm. Double spindles on C axis have a min. accuracy unit of 0.001o, and are suitable for milling contour machining.

**Back Tooling System:** Back tooling system on Y2 axis can have a max. of 8 live tools for multi-functional machining. And there are three O.D tool holders beside the back tooling system for turning operations. **Deep Drilling Tooling:** SY2-52 provides two deep drilling holders beside the sub spindle for increased machining flexibility.

### **LASER TECHNOLOGY** - The Best Solution for Your Laser Marking Application

We supply a wide range of applications, including from a variety of metals, or non-metallic materials. The non-metallic materials applications include glass, plastic, acrylic, wood, coating, painting, plating, anodizing, stickers, electronic components, IC, PCB board, nameplates, buttons, connectors, packaging materials, picture frames, fabrics, motorcycles, cars, bicycles parts, drill, bearing, sanitary equipment, machinery, hand tools, medical equipment, musical instruments, scale ring, scales, watches, keyboard, panels ... and many other products.



### **GIN** - In-House Manufactured Tools for All Kinds of Request

Gin Chan Machinery Co. Ltd (GIN) product line has broaden from grinding & milling accessories to lathe accessories, measuring instrument, tooling system, cutting tools, and small machinery. By insisting on high in-house production, it allows GIN to be highly competitive in providing high quality products with comparably lower cost. With various sophisticated machines in house, GIN is able to manufacture all kinds of precision tools. For instance, GIN's Wire EDM accessories may not be the first to exhibit in the market, but its fine quality masterpieces fabricated by GIN's superb grinding capability with various CNC grinders. GIN provides for all kinds of tools for processing with Wire EDM, such as wire EDM vises, EDM ruler, stainless vises, and dividing device with interchangeable components.



### **WE FUN** - Oil Skimmer for Longer Cutting Tool Life

We Fun's patented Oil Skimmer can prolong 3 times of cutting tools life combined with filtration and coolant cooling system. It allows trouble free usage with easy installation, and it has no wearing components.

It can work on deep pool. The length of steel chain-net is designed according to the depth of the customer's pool, and there is an optional choice of oil separation tank.



**CHIN TAIRY** - Industry 4.0 Voltage Stabilizer

Chin Tairy's new Industry 4.0 Voltage Stabilizer connects through information & communications technology (ICT) and applies the industry 4.0 artificial intelligence efficiently. Users can simply use computers or smart-phones to monitor on manufacture update and achieve Internet of Things (IoT) interconnection.

The device update can be viewed by RS232/485 on screen at

anytime. It will appear warning and provide I/O data when failure occurs, such as for abnormal warning, over high/low voltage, or over temperature, and users can send feedback through Application or cloud system to call for repair. Chin Tairy's voltage stabilizer is equipped with function to immediately diagnose the machine and regulator problems when failure in order to provide efficient maintenance and decrease offline hours.

The stabilizer can be placed inside the machine or hung



outside of the machine to avoid water contact, save space, and reduce wiring problem. Also, the device can be separated into the control system and the main body of regulation voltage, and the control system can be placed inside the machine controller box.

**GFT** - The New End Mill with Uneven Flutes Distribution and Variable Helix

Due to the tools resonance by itself, the tool breakage and damage often occur during processing. In order to offset tools resonance, Chu Weir (GFT) develops a new end mill with uneven flutes distribution and variable helix as the new design for solving this issue. As the resonance is reduced, the feed speed could be improved at least 30%. Therefore, the surface for work-piece is more meticulous and tool life could be extended longer.



**CENTURY TRADING** - Tool Holder & Mist Collector

Tool holders have always been the important interface to machines and cutting tools. In 2014, we, Century Trading Corporation, inherited the latest technology, high-performance equipment, unique manufacturing machines, and gauges from KURODA Japan. Winwell Corporation, which is under the Century Trading Corporation, started to produce the tool holders ever since then.

With advanced research and innovation, we are eager to be the leading brand of high-quality tool holder's manufacturer, and furthermore a hidden champion in Taiwan.

MIST COLLECTOR- Handheld Particle Counter get the AQI by

using the digital signal to process and calculate the particulate matter passing through the laser diode. We provide onsite indoor air quality measurement done by qualified technicians, and the complete solution to the improvement of the indoor air quality.

- Clean: Keep the factory clean.
- Health: Reduce health hazard of oil mist.
- Recycle: Recycle and reuse of cutting oil.
- Energy-Saving: Minimum horsepower & maximum airflow.
- Convenience: Replace filter material easily & lower the cost.

**OTSUKA IT**- Solutions for AR, VR, MR, and More

With the experience on CAD/CAM and marketing resource for over 20 years, Otsuka IT integrates computer graphics, computer simulation, artificial intelligence, sensors, display and distributed computing network technology to provide the latest Augmented Reality, Virtual Reality and Mixed Reality solutions which helps our manufacturing customers to innovate process and increase operation efficiency on product development, sales and after-sales service.

We've established tons of successful customer stories for industrial machinery (for example: vertical machining center, double column machining center), CNC machining parts, casting & forging parts, bar feeder, robotic equipment, industrial robot, high speed EDM machine, tube processing machine, printing machine, automatic machine line, quick die/mold change system, magnetic workholding, high speed forging machine, elevators, boilers, air heating system, military equipment, virtual factory touring and IoT solutions.

As the one-stop solution provider, we aim to bring extraordinary value to our customers and make them successful globally.



**KAO MING** - KMC-RF Series High Rigidity Double-Column Machining Center

Since its foundation in 1968, Kao Ming has been specializing in the production of radial drilling machines. To take on the challenges in machine tool industry, Kao Ming has announced its new release of



a high rigidity double-column machining center, KMC-RF series, the combination of a ram-type spindle with a wide range of interchangeable attached heads, and a highly efficient crossbeam-fixed structure make the machine more powerful and versatile. Built with Meehanite cast iron, its structure offers exceptional rigidity, X-axis equips four-box way to support in a combined design of sliding and rolling; Y-axis utilizes a step-design where by the lower slide way is offset a full 70mm forward from the upper slide way.

With over 45 years of experience in research, development, manufacturing, sales and after-sales services, Kao Ming is your most trusted expert in the world.

**SUN FIRM** - Smart Technology Installed on Heavy Duty CNC Lathe-CHT-56160 for Around-the-clock Connections

Recently released by SUN FIRM, the CHT-56160 is an horizontal CNC precision lathe with a high degree of processing flexibility and efficiency. The CHT-56160 has won both the Yushan Brand Award and first prize of the Taiwan Excellence Award contest organized by the Ministry of Economic Affairs.

On this machine, both the front and rear spindle can be equipped with 16 "large aperture dual nose double chuck device to fit for long tube material or long bar through hole processing.

The bed structure uses the one-piece body design and can be combined with live tooling turret to achieve the best balance and machining efficiency for heavy cutting. The CHT-56160 can be equipped with robotic arm, automated materials handling system, chip conveyor, industrial 4.0 related products and other accessories to satisfy our customers with best performances.



**FEMCO** - AVM, Making Your Machining Easy and Smart

In response to the Industry 4.0 trend, FEMCO has successfully developed the Automatic Virtual Metrology system (AVM) for its smart wheel automation production line.

FEMCO's revolution technology on this wheel production line with automation system that can co-work with CNC machines will further elevate the machining process with high precision, accuracy, and efficiency and gradually reduce costs, human errors, and ultimately the

production time. At present, FEMCO has integrated servo-controlled Robot Automation Production Line Systems together with the AVM system to increase the positioning accuracy, speed, stability, and most importantly the ability to inspect every workpiece.

This unique technology of AVM is designed to provide real-time



measurements for producing high-quality wheels by reducing defect rate. The measured results are collected during the cutting operation and uploaded to the cloud and stored in big data server for future reference. These results can be instantly sent to designated operator or clients for better monitoring on the production processes. Besides, tool compensation can also be achieved during machining to greatly reduce cycle time in order to maintain the same quality machining and produce highly stable quality products.

**CHING HUNG** -

The Award-winning New EDM, RV853L

The intelligent linear motor driven wire cut EDM is designed with the moving column structure, remote monitoring functions, new i8 controller, AWT and many automation devices. RV853L has 32 patents and applicable for industries like aerospace, energy, and large mold.



**SYNTEC** - Syntec Intelligent Factory & Manufacture Project

SyntecCloud connects CNC controller in OPC-UA, a widely used international standard, and uploads data by following a common information model. Meanwhile, developers can easily obtain the needed information by calling RESTful API, realizing Internet of Things(IoT) without any problem. Production efficiency in manufacturing plant can be improved by applying "Data Mining"; equipment status can be monitored by applying "Factory Monitor"; and Production progress can be controlled by applying "Production Log".



**MITUTOYO** - Improves Workability by Eliminating Long and Cumbersome Cables when Communicating Data to PC

Mitutoyo's new system, U-WAVE system, enables easy wireless data communication from a measuring tool to a PC using the Digimatic protocol. Measurement



workability is improved by eliminating the long and cumbersome data cables usually required and the user-friendly interface allows data to be loaded into any software product that accepts keyboard input, such as Excel\* or Notepad.

The new U-WAVE system is a dustproof and water resistant IP67 model. With data communication distance up to 20 meters, it allows up to 100 measuring tools connection on one U-WAVE-R unit and. It is capable to process approximately 400,000 data transmissions, and its cordless operation can help improve work efficiency in data recording for measurement. For further upgraded performance, Mitutoyo's U-WAVE system can also be combined with optional accessories.

**TURN-MILL PRO**  
Advanced Machining Solutions

State-of-art Facilities | Machining Excellence | True Innovation



**WTS** 2 Spindle/2 Turrets/E-Axis Shift

**SY2-52** Removable Guide Bush

**CT3** 2 Spindle/2 Y-Axis/3 Turrets

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 Nangang IF Booth No. J0318  
[www.chiah-chyun.com](http://www.chiah-chyun.com)

+886-4-2533-7614  +886-4-2532-9524  [info@chiah-chyun.com](mailto:info@chiah-chyun.com)



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X Travel: 510~1,600mm  
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**CRUISER** Series  
X Travel: 800~1,400mm  
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**CRONOS** Series  
X Travel: 1,400~2,000mm  
X, Y, Z-axis box ways



**KOLOSSO** Series  
X Travel: 2,200~4,200mm  
X, Y-axis **roller** linear ways  
Z-axis box ways



**SPARQ** Series  
X Travel: 3,200~6,200mm  
X, Y-axis **roller** linear ways  
Z-axis box ways



**SPARQ-5F** Series  
X Travel: 3,200~6,200mm  
X, Y, Z-axis **roller** linear ways

