



From Editor:  
Tongtai had lots of good news in the fourth quarter of 2018, including consolidated net revenue for 2018 was 11.6 billion. Besides, we held many charitable activities to warm everybody's heart. With this optimistic energy, let's step faster and farther into 2019 ! Go! Go! Go!

**TONGTAI GROUP**



## Top stories

### AMP-160 awarded the Taiwan Excellence Golden Award 2019

Tongtai's three ultimate products, AMP-160 – metal powder bed fusion machine, SDL-620 – CNC drilling machine and TMS-2500 – 5-axis multi-tasking turning center were awarded the Taiwan Excel-

lence Award 2019. AMP-160 was furthermore awarded the Taiwan Excellence Golden Award 2019 as a top 10 innovative product from all competitors.



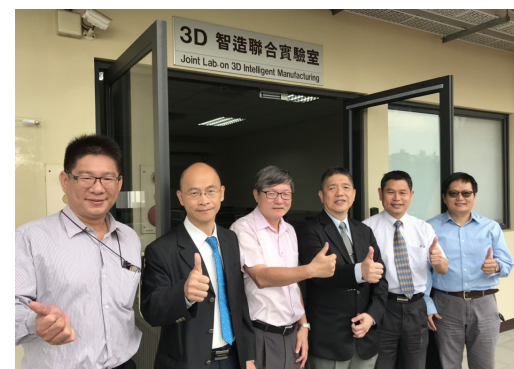
### The Minister of Ministry of Science and Technology, Liang-Gee Chen, visited Tongtai

The Minister of Ministry of Science and Technology (MOST), Liang-Gee Chen, visited Tongtai after a 3D Printing seminar in the Kaohsiung Science Park on December 25. The Chairman of Tongtai, Jui-Hsiung Yen, introduced Tongtai's achievements in 3D printing and intelligent manufacturing. This won the appreciation from Minister Chen.



### Tongtai and National Kaohsiung University of Science and Technology founded 「3D Joint Laboratory」

Tongtai and National Kaohsiung University of Science and Technology unveiled 「3D Joint Laboratory」 on Nov.27, 2018. 3D Joint Laboratory was to improve additive manufacturing technology and accelerate industrial upgrading.



### Charitable activities in November and December

Tongtai held 3 charitable activities for disadvantaged children in November and December. We invited them to see movies, took an eco-tourism trip to see Black-faced Spoonbills, gave them

Santa gifts, held drawing competitions..etc., and our employees were the volunteers to accompany with them. Hope these children will grow up happily!



## Events

### Family day: everyone is with a big smile

There were 112 employees and their families joining the annual Tongtai family day on Oct.13. They watched the movie 《Coco》. After the film, teachers led the content discussion, and everyone shared their feelings. Then, the game of making beans was played, and the children were very creative and had great fun. At the end of the day, everyone went home with a big smile and hope

that the next family day was coming soon.







## Exhibitions

### Tongtai caught buyers' eyes at Metalex 2018

Metalex 2018 was on stage in BITEC, Bangkok from November 21st to 24th. Being an exhibitor, Tongtai not only showed the state-of-the-art machine tools and

solutions on-site, but also was invited to make presentations in the Taiwan Excellent Press Conference, and caught the eyes of both the local media as well as buyers.



### Indonesia's buyers widely accepted Tongtai's equipment

Manufacturing & Machine Tool Indonesia 2018 was on stage from the 5th to 8th of December. In this exhibition, Tongtai showed a drilling & tapping center and an automatic production line on-site.

Gathering the functions of loading/unloading, workpiece-recognition, trial machining and laser marking, this production line was an ideal solution for small-sized workpiece machining.



### Four highlights look up to further increase at TPCA 2018



2018) was on stage from October 24th to 26th in Taipei Nangang Exhibition Center. Tongtai had 4 highlights in this exhibition, including: Tongtai Line Management, TLCU660, CO<sub>2</sub>/UV laser machine, DCRM622, Routing machine, SDL620, Linear motor drilling machine. These four highlights looked up to further market increase.

2018 Taiwan International Circuit Board Exhibition (TPCA Show)

### Popular models grabbed the market at TMTS 2018

Tongtai demonstrated these four popular models: VTX-5, tapping Center; VP-8, vertical machining center; TD-2000YBC, multi-tasking turning center; and SH-4000P, horizontal machining center. Tongtai has always been the focus of TMTS, famous for its abundant technological achievements and

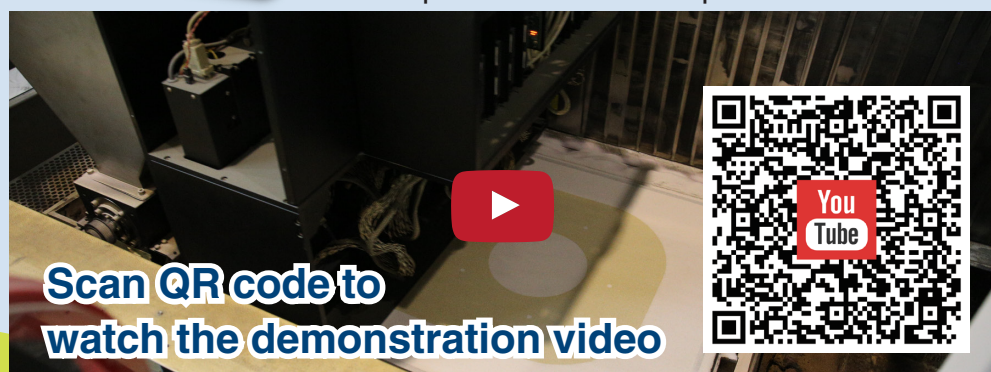
product diversity for industrial applications.



### !! New machine !! Sand Binder Jetting Machine AMS-500



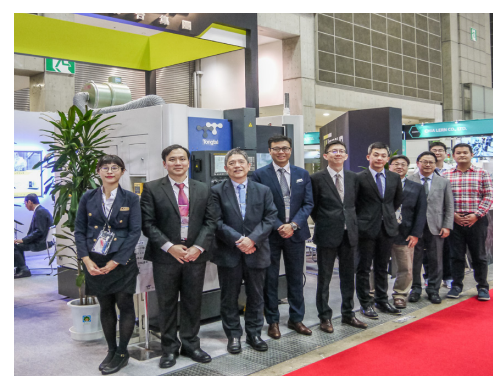
Sand Binder Jetting Machine, AMS-500 was launched in Jan, 2019. Compared with AMS-1200, it is designed for medium-to-smaller sand mold. AMS-500 can save time by reducing wooden mold design and machining processes. The best advantage is to reduce development time and to improve industrial competitiveness.



Scan QR code to watch the demonstration video



### Tongtai got the contract of three automation production lines At JIMTOF 2018



At JIMTOF 2018, Tongtai presented our outstanding automation solutions and exhibited two machines

on-site, including a multi-tasking turning center and a 5-axis vertical machining center. It won the appreciation from Japanese customers and got the contract of three automation production lines from a Japanese aluminum wheel manufacturer. Thanks for the appreciation from customers. Being the best partner with each customer, Tongtai concentrates on R&D and continually explores state-of-the-art technologies.

## Nursing column

### Keep Foot and Mouth Disease & African Swine Fever Out!

Violators who bringing **meat products** to Taiwan will be fined up to

**One Million NT Dollars**



Ham



Sausage



Jerky/Floss



Fresh meat



BUREAU OF ANIMAL AND PLANT HEALTH  
INSPECTION AND QUARANTINE, COUNCIL  
OF AGRICULTURE, EXECUTIVE YUAN



Do Not bring, buy, online shopping any pork products from other countries, especially from China, including pork floss, Chinese Meat Pie, vacuum-packed pork products and any traditional Chinese pasty containing pork. Anyone not declaring pork products would be fined NT\$300 thousand for the first offense, increased to NT\$1 million for the second time from Dec. 18, 2018. African swine fever is a highly conta-

gious non-human animal husbandry disease. If a pig is afflicted with African swine fever, it will die 100% of the time. This virus has strong vitality. It can survive in both strong acid and alkali environmental. African swine fever can live in frozen pork for 1000 days, refrigerated pork for 100 days, and in room temperature for 11 days. So, DO NOT bring, buy, online shopping any pork products, from epidemic areas.