

Myande's manufacturing strength and leadership in the field of oils and fats equipment.

Over the past 16 years of development, has undertaken and delivered 9 oils production lines with a daily processing capacity of over 5000 tons; 6 refinery production lines with a daily processing capacity over 1000tons; more than 200 oils and fats processing lines with various raw materials such as soybean, rapeseed, cottonseed, sunflower seed, corn germ, rice

bran, palm etc. Myande oils & fats equipment are winning general market recognition in the world market. Exporting to Southeast Asia, the Middle East, South America, the former Soviet Union, Europe, and India. Regular buyers include prestigious international companies like ADM, Bunge, Cargill, Louis Dreyfus etc.

(Translated by Chen Ting)

### Application of 3D Technology in Project Design

Myande started using 3D technology in project design in 2009. In the process of continuous exploration and improvement, Myande has created a set of corporate 3D design system. In recent years, through constant optimization of three-dimensional technology, qualities of engineering projects undertaken by Myande have been constantly improved.

#### Virtue Modeling

By transforming real materials into virtual data, color matching is carried out on equipment model and factory appearance.



3D panoramic photography

360-degree panoramic photography gives you an unprecedented browsing experience, allowing you to experience the environment of the future factory without leaving your home. High quality panoramic display of the project interior will show the internal and local details of the project. For the scene roaming with 3D virtual reality, viewers can drag with the mouse to simulate the special effects of camera lens shaking, and similar games like this human-computer interaction can give people the feeling of entering the virtual environment.



VR interactive experience

VR+5G engineering solutions give full play to advantages such as VR, cloud computing, big data and facilitate the rapid implementation of industrial Internet, industrial AI and intelligent engineering. Through VR, building enterprise

decision-making center and "resource sharing and wisdom integration" integrated intelligent manufacturing core platform together with global, digital and intelligent enterprises. Myande VR engineering is not only adopted for demonstrating customers' future engineering, but also for production testing, traceability marketing, equipment maintenance monitoring, maintenance guidance and on-the-job training of plant operators and so on.



Deliver and continuously create values: in the future project implementation process, in addition to simulating the production process after completing the design, checking the rationality of the design, and solving the problems in the design stage as far as possible and delivering them successfully; It is also necessary to view the project from the perspective of the customer, and communicate with customer timely and solve problems according to the personalized needs of the customer to enhance the customer's sense of project experience and improve the customer's satisfaction with the project. At the same time, create valueS for customers continuously to achieve better value delivery, thereby improving the customer's awareness of Myande brand and the establishment of corporate brand image.

As an important node of turnkey project design, 3D design transforms 2D plane into 3D space, which is of great significance to sales negotiation, scheme determination, scheme review and guidance of engineering implementation in the early stage of the project.

(Translated by Wu Yunzhu)

激情豪迈 *Enthusiasm*  
 精细为豆 *Precision*  
 诚信是德 *Honesty*

*Quality Creates Future*

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# Glimpse of Myande

## An English Version of 迈安德之窗

Issued by 迈安德集团 MYANDE GROUP

Oils&Fats Equipment and Technology  
Solid-state Fermentation Equipment and Technology
Starch&Derivatives Equipment and Technology  
Evaporation Crystallization Equipment and Technology

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### Aiju Group Kazakhstan 600TPD Rapeseed Cake Extraction Project

On October 30, 2019, the 600TPD rapeseed cake extraction project undertaken by Myande Group for Xi'an Aiju Grain and Oil Industrial Group started equipment installation in Kazakhstan Agricultural Produce Processing Park. Contract for this project was signed between Aiju and Myande at the end of May 2019. By mid-October, complete line of equipment was shipped. Large equipment including extractor, DTDC, stripper, 1st evaporator, 2nd evaporator have arrived at the site for installation. It takes no more than 5 months from contract signing to equipment installation. In addition, high-quality products and fast delivery are fully compatible with the concept of win-win scenario and coordinated development between Myande Group and Aiju Group.

Xi'an Aiju Grain and Oil Industrial Group is a well-known grain and oil processing enterprise with a long history of 85 years. In response to the national "One Belt, One Road" initiative, it has invested in the construction of Kazakhstan Agricultural Products Logistics Processing Park, Xinjiang

Alashankoy Comprehensive Bonded Zone Agricultural Products Logistics Processing Park, and Xi'an Agricultural Products Logistics Processing Park. The "three-in-one" circulation channel of the three processing parks has created an "overseas granary" in Central Asia that radiates Shaanxi Province and even northwest China.

With his project in Kazakhstan, Aiju Group has created a "planting-processing-sales" whole industry chain operation mode of planting oilseed raw materials and primary processing overseas, deep processing and sales in the host country.

At one time, it only took 7 months for Aiju Group to finish the construction of its agricultural products logistics processing park in the northern Kazakhstan state of Kazakhstan. For the current project, Myande Group will adhere to "China Speed" concept and fully cooperate with Aiju Group. With professionalism, Myande Group will always manufacture high quality mechanical products and supply complete solutions that enable our clients to succeed.

(Translated by Lu Le)



### Myande Participated in Special Equipment Welding Skills Competition

On October 29-31, the 2019 Jiangsu Province Special Equipment Welding Skills Competition was held in Nanjing. This competition was co-sponsored by Jiangsu Provincial Market Supervision Administration, Human Resources and Social Security Department, and Provincial Labor Union.

"Special equipment" includes boilers, pressure vessels and pressure pipes.

The aim of this skill competition is to promote further development of skilled talents, to facilitate upgrading of special equipment production industry, and to improve the intrinsic





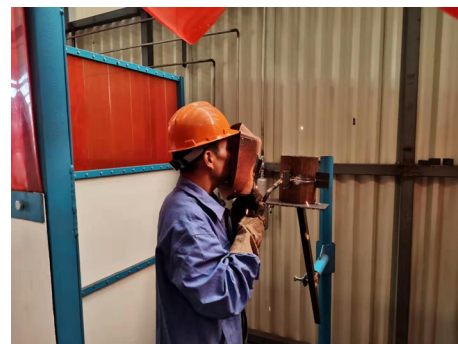
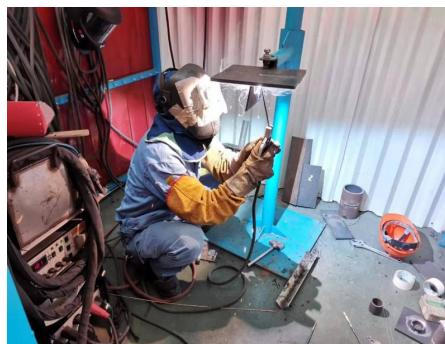
safety of special equipment. 65 teams representing cities of Jiangsu Province participated in this competition, which included theoretical knowledge and practical skills. The team representing Yangzhou city was composed of five members, four of whom are Myande employees. With superb skills and comprehensive professional knowledge, they won the third prize in this competition.

Highly skilled welders are essential for manufacture of special equipment. The workmanship of welding has a

decisive influence on the manufacture and installation quality of special equipment.

The oils and fats engineering field that Myande is engaged in has Class A explosion-proof requirement. And the welding quality is a key point of quality. Myande will always manufacture high quality mechanical products and supply complete solutions that enable our clients to succeed.

(Translated by Lu Le)



### Myande Completed 16t/h Battery Grade Lithium Carbonate MVR Evaporation and Concentration Crystallization Project

In October 2019, Yichun Yongxing 16t/h battery grade lithium carbonate first-stage and second-stage MVR evaporation and concentration crystallization project undertaken by Myande was put into operation successfully and completed the water test and material test. At present, the second-stage evaporation and concentration crystallization equipment is running stably. The first-stage evaporation and concentration crystallization equipment is expected to start commissioning in early November after completing the commissioning of the production line.

Yichun City in Jiangxi Province is known as "Asian lithium capital". "Yongxing New Energy" is the wholly-owned subsidiary of Yongxing Special Stainless Steel Co.,Ltd.

Based on Yongxing New Energy, Yongxing Special Stainless Steel carries out the construction of new energy materials, equipment and science and technology center projects for lithium batteries, comprehensive development, utilization and processing of lithium resources, and research and development, production and sales of lithium batteries, which has set foot in the field of lithium new energy materials and power cars comprehensively.

China is the world's largest new energy vehicle market and is the fastest growing market. China is the main driving force for the growth of global new energy vehicle market. With the continuous increase in the production and sales of new energy vehicles, the development of lithium batteries as



the core component of new energy vehicles is ushered in a golden period. China's power battery companies have occupied an important position in the global power battery industry, as overseas power battery companies enter the Chinese market, the competition in the domestic power battery market will become extremely fierce, as we know, lithium

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battery manufacturing can't separate from evaporation system, so the development of power lithium batteries has brought unprecedented opportunities and challenges to energy-saving evaporation companies.

In 2018, Myande intensified its research and development efforts in evaporation system for the lithium battery industry. Through deep communication with customers and solving their difficulties and doubts timely, Myande has fully demonstrated its professionalism in the energy-saving

evaporation industry, so Myande successfully signed the contract including two sets of 16t/h battery-grade lithium carbonate MVR evaporation and crystallization equipment with "Yongxing New Energy" at the end of November 2018.

"Green mountains are mountains of gold and silver", Myande energy saving evaporation is willing to join hands with customers to forge ahead and create a new journey of lithium electric industry.

(Translated by Wu Yunzhu)

### 28th Annual Oils and Fats Conference in China

From October 17 to 19, the 28th Annual Academic Conference of CCOA and Products Expo took place in Haikou. The theme of this conference was "Innovation,



Quality Improvement, Transformation and Development". Speeches delivered at this conference focused on "Key work of the oils and fats market and the oil processing industry in the future", "Application of key technologies and new models for the commonality of intelligent factories". This conference provided an excellent showcase for new technology and new products and an ideal forum for scientists and experts to share experience and new insights and to keep up-to-date with market trends and tendencies. Several hundreds of industry leaders, specialists, and senior managers of equipment manufacturers attended this conference.

During the exhibition, the leaders of CCOA made high remarks on design and manufacturing strength of Myande in large-scale intelligent oils and fats complete equipment, especially the innovative application of the 3-dimensional design to the project implementation.

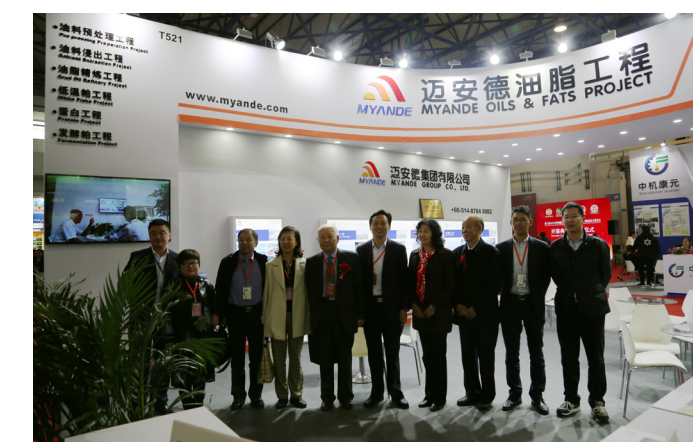
(Translated by Chen Ting)

### Myande Group Participated the 10th IEOE and Won "Product Innovation Golden Award"

From November 4 to 6, 2019, the 10th IEOE was held in Beijing. As China's well-known professional service provider of oils & fats turnkey projects, Myande Group was invited to attend the event.

The expo aimed to fully demonstrate high-quality brands and products in China's grain and oil industry and to promote technical communication and cooperation among enterprises and research institutes in this grain and oil processing industries. Mr. HE Dongping, the president of oils and fats branch of CCOA hosted the opening ceremony. Mr. XU Bin, Chairman of Myande Group, attended the ceremony and gave a speech.

Myande has adhered to its well-defined mission and vision since 2003. "With professionalism, we manufacture high quality mechanical products and supply complete solutions that enable our clients to succeed." Myande has been dedicated to its vision "to grow into a globally respectable



leading company in our well-defined industries".

During this conference, Myande's large-scale universal reclaim system won "Product Innovation Golden Award" of the 10th IEOE. Over the past years, Myande Group has won several awards of IEOE consecutively. This fully demonstrates