

## Myande Horizontal Rotary Cooker

Horizontal Rotary Cooker is core equipment in oil seeds pre-pressing. It heats, softens and/or dries oil seeds, including rapeseeds and corn germ, so that the seeds are in a good condition to be extracted. With the expansion of processing capacity and higher requirements for energy consumption, this new type horizontal cooker has gradually replaced the old vertical cooker. Myande YRWG series horizontal rotary cookers not only improve the processing

capacity, but also reduce the energy consumption. At the moment over 30 units are running smoothly in factories of many prestigious companies including Yihai Kerry, Chinatex Corporation, ADM, Maple Grain & Oil Industrial Co., Ltd, Hopefull Grain & Oil Co., Ltd, etc. With notable user-friendliness and good technical performance, Myande Horizontal Rotary Cookers bring maximum benefits to the their users.

### YRWG series Horizontal Rotary Cooker: Model Selections (based on Rapeseed)

Model	YRWG30x210	YRWG30x185	YRWG30x155	YRWG26x160	YRWG22x160
Capacity (t/d)	2000	1500	1200	700	300
Power (kW)	110(inverter)	75(inverter)	75(inverter)	37(inverter)	22(inverter)



Manufacture



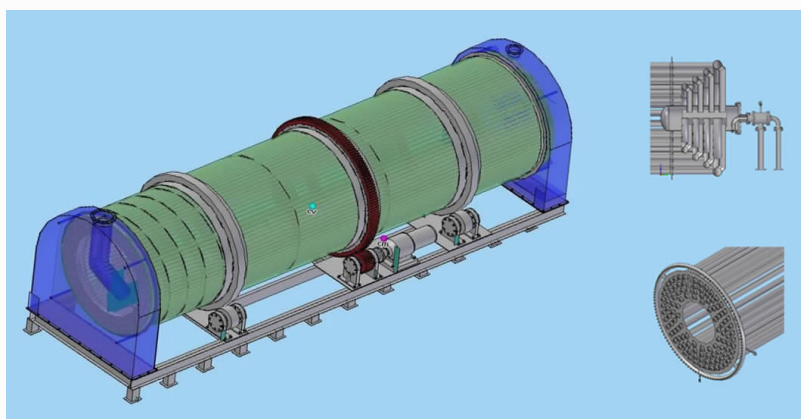
Shipment



Running in Czech



Installation



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

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# 迈安德之窗

## Glimpse of Myande

迈安德集团 主办  
MYANDE GROUP

Oil&Fats Equipment and Technology  
Solid-state Fermentation Equipment and Technology
Starch&Derivatives Equipment and Technology  
Energy-saving Evaporation Equipment and Technology

Bi-monthly Newsletter No. 30 May 2018

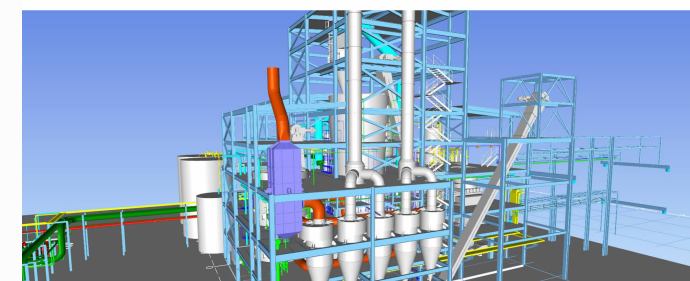
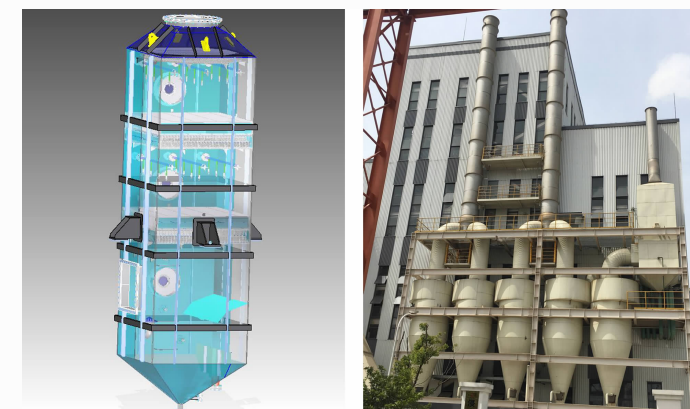
## Myande Undertook Environmental Performance Improvement Projects of Jiusan Group

In recent years, following the development trend of oils & fats processing industry, Jiusan Group launched a series of initiatives aimed to reconstruct its factories to improve environmental performances by reducing energy consumption and reducing emission. In October 2017, Jiusan Group commissioned Myande Group to carry out the technological renovation program in Guangxi Huiyu factory to save energy, reduce consumption and emission. After successful completion of this program, both power and steam consumption has been greatly reduced. In particular, steam consumption of the DC alone reduced by 10 kg. In March 2018, Jiusan Group conducted bidding process for similar technical modifications aimed at improving environmental performance for 5 production lines located in Dalian, Tianjin, Tieling, and Changchun. The major objectives of these programs include recovery of waste heat from DC and reduction of dust and offensive odor emission. Myande through the bidding process was awarded contracts for all five programs.

DTDC is used for high temperature desolventizing in the extraction plant while DT removes solvent from the wet meals with vapor. To ensure better storage and transportation of meals, it is always necessary to dry and cool the meal safe moisture and temperature. Normally, moisture should be within 12 ~ 13% range and the temperature should be less than 40 °C (or no 10 °C more than ambient temperature). When drying meals, the moisture in hot meals will vaporize with the blowing of hot air, thus forming wet air with high moisture, usually range from 13% to 17% , and the temperature is 75 ~ 85 °C . A large number of fishy flavor substances and dusts are contained in the wet air. From cyclone, small dust particles less than 25μ m still will be discharged, taking away a lot of thermal energy and causing heat loss and environmental pollution. With the expansion of oil seeds crushing factory, the exhaust emission from DC as the key point of heat energy loss in extraction plant is

becoming a serious air pollution source. To solve the problem of exhaust gas pollution, coordinate environmental protection and production, at the same time, balance environmental governance and production benefits, Myande has developed a number of patent technologies for DC hot air waste heat utilization and deodorization, which not only comprehensively control DC and other wet and dusty gases, but also recycle thermal energy. At present, many production lines are running smoothly in China, which have been well received by customers. The waste heat scrubbing tower developed and manufactured by Myande is the core equipment of the process, which adopts washing water and hot vapor to conduct back-flushing for heat exchange. The anti-blocking grid packing mechanism will not only increase the heat transfer efficiency and prevent the internal blockage, but also effectively remove the dust from the DC exhaust and reduce the fishy flavor of the exhaust.

(Translated by Wu Yunzhu)







## Myande Undertakes Wastewater Evaporation Project

Recently, Lianyungang Chameleon Technology Co. Ltd. and Myande Group signed a contract by which Myande will supply a complete three-effect evaporation crystallization equipment to treat different types of salt-containing wastewater. The project aims to deal with the wastewater containing ammonium chloride, sodium chloride and sodium sulfate generated from production

process of Chameleon workshop. Three-effect evaporation system can treat three kinds of wastewater separately and save equipment investment for customer effectively. The conclusion of this contract indicates that Myande has taken one further step in the comprehensive treatment of various types of wastewater.

(Translated by Lu Le)

## Myande Won 2017 Yangzhou Enterprise Technology Innovation Award

In order to thoroughly implement innovation-driven development strategies, and fully motivate scientific and technological personnel to innovate, according to the provisions of "Measures for Yangzhou Science and Technology Awards," after review by Awards Review Committee and approval of Government, Myande Group Co., Ltd. and 4 other companies were awarded "2017 Yangzhou Enterprise Technology Innovation Award." Since its establishment, Myande has always been focusing on enhancing its technology innovation capabilities. At present, Myande is a national high-tech enterprise and is among "top 100 innovative companies in Jiangsu Province". It hosts a National Post-doctoral Scientific Research

Station, Oil and Starch Equipment Engineering Technology Research Center. In addition, it has design and manufacturing qualification for pressure vessels, and has passed European CE certification and United States ASME certification. In the past three years, R&D input accounted for about 4.2% of sales revenue, and R&D personnel accounted for 33.3% of employees. While strengthening technology innovation, Myande paid great attention to protection of independent intellectual property. At present, Myande has obtained 28 effective invention patents, 148 utility models and 2 software copyrights.

(Translated by Lu Le)

## The 10th China (Beijing) International Water Treatment Exhibition

The 10th China (Beijing) International Water Treatment Technology and Equipment Exhibition was held on April 2-4, 2018 at Beijing International Convention Center. This exhibition, jointly sponsored by China Energy Conservation Association and China Low-carbon Industry Association, focuses on interactions among water treatment companies and industry experts from both home and abroad to discuss industry trends and cutting-edge technologies. Myande Group, as a well-known manufacturer of waste water evaporation and crystallization equipment, was invited to participate in this exhibition to share the latest research and experience in the field of evaporation and crystallization.

Myande advocates concept of green and energy-saving products, and possesses a variety of high-efficiency and energy-saving evaporation products such as multi-effect

evaporation, MVR evaporation, TVR evaporation and waste heat evaporation. Myande owns professional technical talents in process, 3D design, automatic control, civil works, equipment manufacture and engineering services, while having accumulated rich experience for more than ten years. In 2015, Myande supplied the first wastewater nitrate separation evaporation and crystallization system in China. The separated salt reached industrial standard and realized utilization of wastewater. In 2016, Myande supplied the first salt-containing methanol evaporation system and operated successfully. In 2017, Myande supplied the first pickle/mustard wastewater evaporation system in China and was recognized by customers. Myande has always been pioneering and innovating.

(Translated by Lu Le)

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## 2018 Asia Pacific Feed Processing Industry Exhibition (VICTAM Asia 2018)

2018 Asia Pacific feed processing industry exhibition (VICTAM Asia 2018) was held in March 27, 2018 at Bangkok International Convention and Exhibition Center. Victam is the abbreviation of Holland International Feed and Food Industry Foundation, founded in 1964. In the past 40 years, Victam exhibitions have developed into an important platform for the global feed industry to show new achievements, exchange new experiences, share new information, promote new technology, and enhance cooperation. Victam is now the largest, most professional, most popular and influential exhibition in the global feed industry.

This year's Victam exhibition at Bangkok covers animal feed, aquatic feed, pet food and other industries. Myande participated in the exhibition and presented advanced solid state fermentation technology and equipment with independent intellectual property rights.

In order to meet the demand of market development, Myande in recent years developed a series of highly



automatic and efficient biological fermentation equipment, which can ensure the stable quality of the fermentation products and the automatic and efficient production process. In view of different strains and production processes, from raw materials preparation to inoculation, from fermentation and drying to cooling, grinding and packing, Myande has highly customized solutions to meet specific requirements of individual customers.

(Translated by Hu Tingting)

## 2018 Changsha Feed Industry Exhibition

China Feed Industry Exhibition was successfully held at Changsha International Convention and Exhibition Center from April 18th to 20th. Myande presented advanced solid-state fermentation technology.

After more than 20 years of development, China Feed Industry Exhibition has become an important platform for domestic and foreign feed producers to display new achievements, exchange new experiences, share new information, promote new technology and enhance

cooperation. It is the first brand exhibition with the largest scale, the highest specification, the best popularity and the strongest influence in the domestic feed industry.

As a professional solid state fermentation engineering and equipment supplier, Myande Group is committed to providing professional services for customers in the field of feed fermentation (meal, corn protein, rice protein, bran, distiller's grains, etc.), pig farm organic fertilizer treatment and other engineering fields. At the same time, Myande actively assumes important social responsibilities in such areas as no feed, food safety and environmental protection. Myande has established good cooperative relations with New Hope Group, Taishan Xin Shengli, Zhonghe Group, Tongwei Group, Chinatex Corporation, Da Bei Nong Group, Wilmar, Jiada Group, Albert Agriculture, Tech-bank Food, Cofine Group, Hubei Jingyuan Mountain, Henan Shangcheng, Chongqing Academy of Animal Sciences, Guangzhou Yisheng, Heinz, Vietnam SUNSMILE and other companies.

(Translated by Hu Tingting)

