



Four Chinese institutes join forces to advance milling technology

COFSCO Engineering and Technology Co Ltd (COFCO ET) under COFCO Corporation, are one of the global top 500 companies, which is formed by the former four scientific, research and design institutes (Wuxi, Zhengzhou, Xi'an and Wuhan) of China's State Administration of Grain. The four different departments of COFCO ET were founded in the 1960s and specialise in technology research and development in the grain and oil industries including wheat, rice, oil and fat, corn, feed processing, grain logistic and storage. It also specialises in engineering design, consulting and contracting plus equipment manufacture.

COFCO ET has a strong team of experts which it cultivates, to develop a batch of professional grain technology leaders who have great influence in their respective fields, says the company.

Within its team are 251 'National Registration Engineers' including specialists in architecture, structural engineers, cost engineers, machinists, electricians, supervising engineers, construction engineers, quality engineer, etc.

With the most complete and the highest level of qualifications within this industry in China, COFCO ET has won more than 200 national awards in its respective areas and activities.

By placing more emphasis on technological innovation, the organisation brings more economic benefit to companies and ensures COFCO ET is able to reach advanced international levels in the same period.

"Over more than 40 years and through generations of relentless effort, our company has carved out successful experience in wheat, rice, oil and fat, corn, feed processing industry with new and sophisticated technology," says the company.

With its prestigious reputation, its customers are spread

throughout the country and to over 20 overseas countries and regions including Russia, Ukraine, Thailand, Kazakstan, Uzbekistan, Greece, India, etc.

“The flour engineering department of our company has been engaged in technical consulting in flour, coarse grain processing projects, process engineering design engineering and general contracting service.

“Material proportioning and pre-mix, positive and negative pressure conveying, ventilation and dust removal technology, complete engineering contracting of food, chemical, pharmaceutical and building materials industries and so on are covered,” COFCO ET adds.

Oil and fat

For the oil and fat department, its business involves oil project process design of pre-treatment, pressing and extraction from oil-bearing crops, refining of oil and fat and auxiliary projects that include equipment fabrication and installation, projects contract, technical services, development of new products, downstream processing of oil by-products and global trading.

Rice

The rice engineer department is mainly responsible for large and medium-sized rice processing production lines, engineering consulting, engineering design, equipment and engineering general contracting service.

“Meanwhile, we establish good cooperation, communication and common development relationship with domestic and international well-known grain equipment manufacturers,” COFCO ET adds.

Feed

“The feed engineering department of our company has been engaged in the research and design works about feed processing technology and equipment for a long time.

“We provide general contracting services for feed processing engineering projects, including standardised and customised designs, equipment manufacturing, equipment installation, production line adjustments for customers, according to different capacities, from five tonnes per hour and eight tonnes per hour to 10, 12, 15 and 20 tonnes per hour in single lines.”

Biochemical

COFCO ET’s biochemical engineering department has long been engaged in starch with maize, cassava, wheat as the raw material for deep processing.

The main products are starch, starch sugar, modified starch, alcohol and other fermentation products with the relevant sewage treatment. Relying on advanced technology, exquisite technology and 3D factory design, the department is in a leading level in this industry.

Vision and mission

COFCO ET has a vision “To be the leading domestic and international renowned technology service provider for cereal, oil and food engineering” and has a mission to “provide the best return on investment of engineering services, creating value for customers, shareholders, employees and industry.”

“We are the integrative-technology leader and innovation-technology provider for cereal and oil industry, committed to promoting the progress of the industry,” COFCO ET conclude.