

Case Study



Project Overview —

The owner of a Taiwan fertilizer company is a leading manufacturer of agricultural chemical technology. In order to expand agricultural production, the owner established a subsidiary in the seaport area and set up a new factory there.

The overall design of the new factory is largely based on the original factory design in headquarters. However, the owner utilizes improved production technology to increase the production capacity and therefore requires the use of fans with high pressure, high efficiency and reliable performance. With many years of experience in supply high pressure high efficiency industrial fans, Ferrari industrial fans are chosen to meet the owner's specification requirements.

Solution —

The working environment of the fan in this project is very dusty and corrosive. The fans are used in the nitrophosphate fertilizer process. The owner proposes to use the fans for the following;

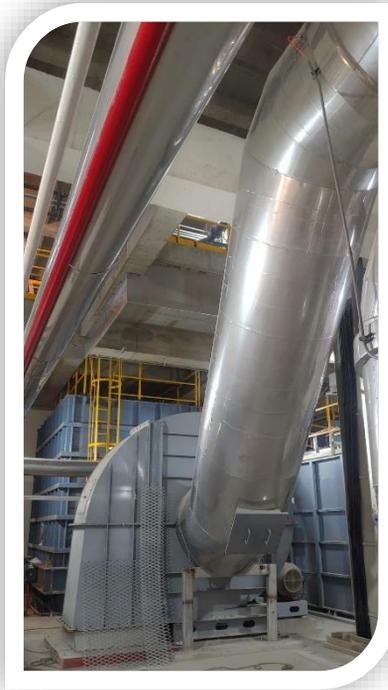
1. Dryer Heat Removal
2. Process Dust Removal
3. Heat Recovery
4. Ultra-High Pressure Pipeline Cyclone.

CASE STUDY



Solution —

Based on the exhaust fan specification requirements, our technical team has put forward many technical proposals, which include proposing to use the largest impeller diameter of 2000mm in stainless steel material. The owner finally learned that the Ferrari technical team is the most professional and reliable among the local and oversea fan manufacturers, to provide a total solution to match the project requirement, which is able to meet the stringent requirements of high dust, high temperature, ultra-high static pressure with low energy consumption requirement.



Outcome —

The owner has conducted running tests on all Ferrari fans for more than one year, and all the fans meet the requirements of the manufacturing process. Exactly one year after the fans were in operation, the owner placed another order to us for additional fan and fan spare parts for this project.

Experts in Global Ventilation Solutions

