

# STAMFORD® PRIME POWER

## Case history

Provide reliable industrial power solution

### Where:

Anseong, South Korea

### Specified:

STAMFORD S4 & S5

### Prime Mover:

Cummins X15 & X12 STV

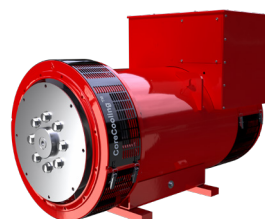
### Purpose:

Provide reliable industrial power solution for mobile generator pack operating mobile crushers.

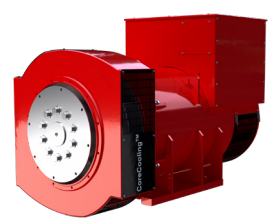
Samyoung Plant, based in Anseong, South Korea, is the largest and leading industrial mobile crusher manufacturer with over 50 years' experience. It operates in the mobile crusher sector, catering to various industries including stone crushers, mining crushers, and industrial mills.

The pivotal project for Samyoung Plant centred around addressing a critical need by developing a mobile generator pack for their mobile crusher.

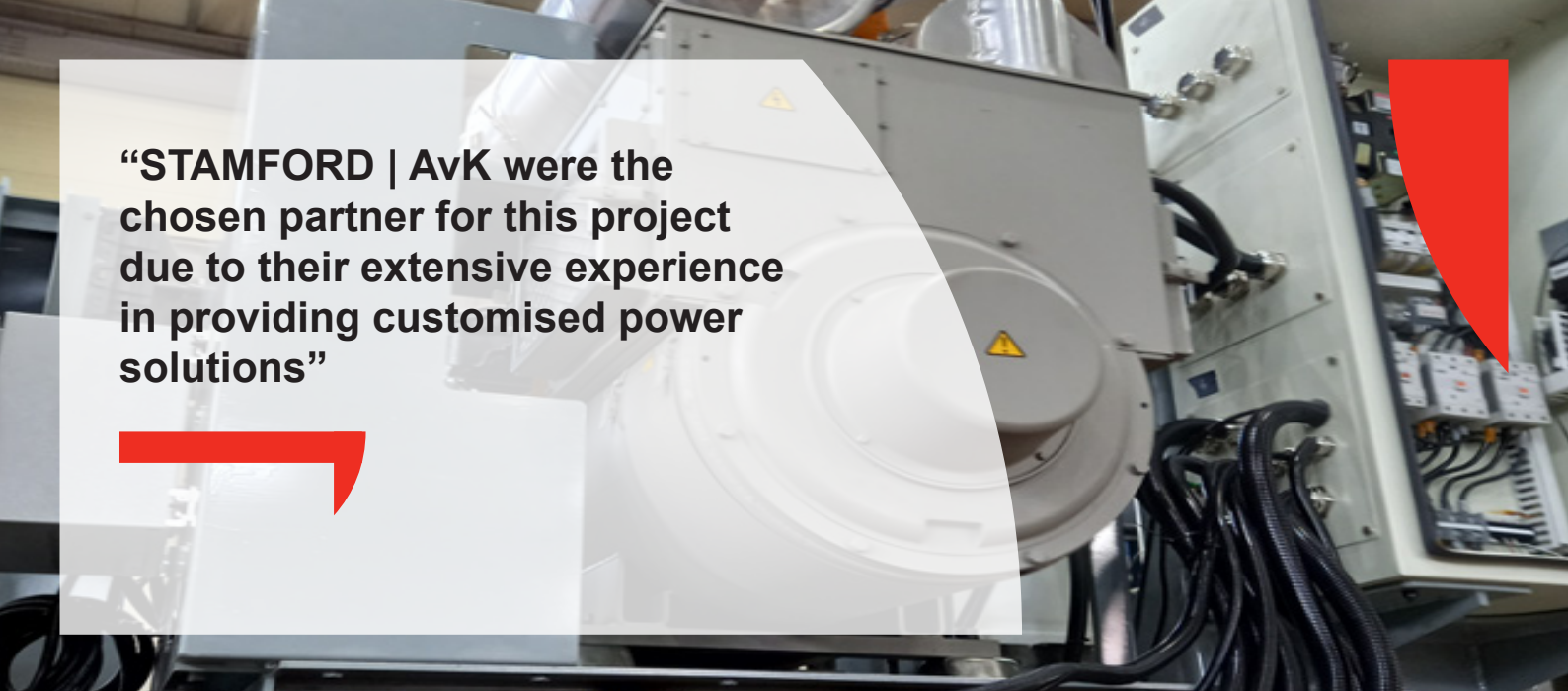
**STAMFORD | AvK™**  
POWERING TOMORROW, TOGETHER



STAMFORD S4



STAMFORD S5



**“STAMFORD | AvK were the chosen partner for this project due to their extensive experience in providing customised power solutions”**

### Goal

The primary goal was to provide reliable power solutions capable of sustaining uninterrupted operations in challenging environments typical of stone crushers and mining applications. In the realm of mobile crushers, a steady and robust power supply is paramount. These crushers play a crucial role in the mining and construction sectors, where they crush large rocks and stones into smaller, manageable pieces. The efficiency and reliability of these machines hinge on a consistent and dependable power source, making the selection of an appropriate power solution crucial for seamless operations.

### Solution Development

This project involved the development of a mobile generator pack for their mobile crusher, aiming to provide reliable power solutions for their operations. STAMFORD | AvK was chosen as the preferred partner, not only has a strong brand reputation, it is also highly regarded for delivering outstanding value, short lead times, and technical expertise. The technical support proved crucial to this project's success.

### Power Specifications

The power requirements of 200 kVA and 375 kVA were to ensure the uninterrupted operation of their mobile crusher. STAMFORD S4 and S5 alternators were specified for the project and to be coupled with the Cummins X12 AND X15 STV, based on their ability to meet these requirements to ensure optimal performance and a reliable power supply.

### Customisation and Support

Specific modifications were made to the alternators to meet the project requirements. Technical support provided by STAMFORD | AvK played a pivotal role in ensuring the success of the project, particularly through the testing stage and overcoming challenges related to voltage

### Outcome and partnership impact

The mobile generator pack has provided reliable power solutions, ensuring the smooth operation of their mobile crusher. The project's success can be attributed to the seamless integration of STAMFORD | AvK's power solutions with Samyoung Plant's mobile crusher.

The collaboration between both parties in developing a mobile generator pack has been a success and highlights the importance of efficient and reliable solutions in industrial operations. STAMFORD | AvK's expertise in providing customised power solutions has contributed to the seamless integration of their products with Samyoung Plant's operations.



We are here to support your future decarbonisation goals, through our end-to-end expertise in versatile solutions. Backed by the reassurance of our world-renowned brands recognised for reliability and complete peace of mind, we are with you on your journey towards sustainability.

[stamfordavk.li/future-ready](https://stamfordavk.li/future-ready)



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