

# Dinex China: Driving Cleaner Power with Advanced Filter Solutions for Large Engines

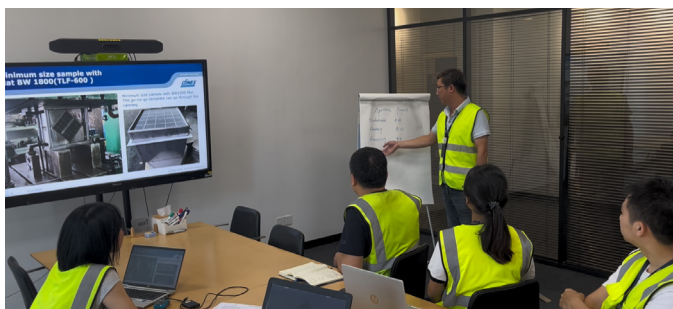
At Dinex, we are extending our emissions expertise into several of Large engine applications for large engine platforms: stationary gensets, marine, industrial power generation, and rail. And at the heart of this expansion lies our modern, automated CHP-SiC facility in Changzhou, China.

going the extra mile

Your Partner in Exhaust and Emission



## Built on Innovation, Engineered for Performance



Developed in close collaboration with Dinex's global R&D team, every large engine solution from Dinex China begins with simulation-driven development aligned to high performance targets.

From the lab to the field, our DPF modules are tested and validated at our own facilities before entering serial production in China. Each module passes through a fully integrated production flow – from segment extrusion, sintering and assembling to substrate, coating and final metal canning – all under one roof.

## High Performance, Emission compliant

Our DPF modules are engineered to meet or exceed the world's toughest emission standards: Stage V, Tier 4 and BlmSchG.

## Dinex DPF Modules – Designed for Demanding Environments

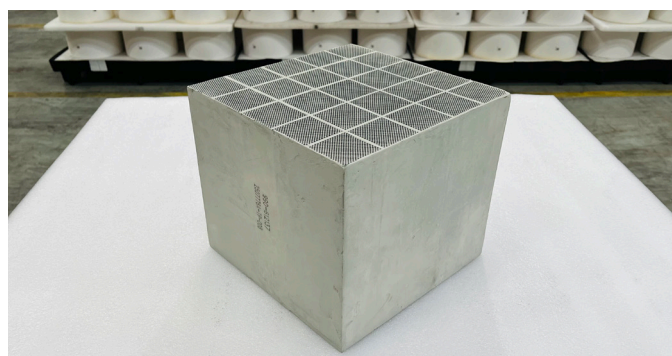
Our latest generation of Diesel Particulate Filter (DPF) modules is built on a proprietary reaction-formed, high-porous SiC substrate.

- Low back pressure for fuel-efficient operation
- High soot-loading capacity for longer maintenance intervals
- Compatibility with PGM and non-PGM coatings
- Modular packaging in a 315×315 mm steel design

These modules are purpose-built for:

- Stationary gensets
- Marine & auxiliary engines
- Industrial generator sets

Perfect for OEMs seeking both performance and compliance – without compromise.



*"With our CHP-SiC DPF technology mastered over the many years in Germany and supported by in-house industrialized production in China, we are able*

*to rapidly develop and deliver customer-specific DPF solutions that combine high performance with cost optimization"*



**Mahipat Balwant Ranawat**  
Director, Head of Large Engines at Dinex

## Strategic Advantages of Production in China

Dinex's Changzhou facility is not just a production site – it leverages China's unique strengths to deliver unmatched value for customers worldwide.

### Technology and Quality Advantage

- Strong government support for advanced technology investment. Current ATS technology has reached world-leading levels.
- High quality standards: More than 30% of global IATF 16949 automotive parts certifications are held by Chinese enterprises.

### Supply Chain Integrity and Efficiency

- Comprehensive supplier base: China has the world's most complete automotive supply chain.
- Logistics infrastructure: Seven of the world's top ten ports are in China, and the China-Europe railway express reduces transport time and costs.
- Superior response speed: Many suppliers can achieve a 24-hour delivery cycle, far faster than the 72-hour response in many foreign markets.

### Cost Advantage

- Abundant labour resources with competitive costs.
- Cluster effects from China's complete industrial chain significantly reduce raw material, logistics, and production costs.

### Market Advantage

- Large domestic demand, complemented by numerous foreign enterprises operating production plants in China.
- Strategic export hub for Asia, with reach to Japan, Korea, and even Europe.

## Voices from Dinex China

*"By combining Dinex's global innovation with China's advanced supply chain and technology ecosystem, we deliver solutions that are not only world-class but also faster, more cost-effective, and better aligned with the needs of global OEMs."*



**Jiapeng Zhang**  
Head of Application Engineering, Dinex China

*"Our Changzhou plant embodies the best of both worlds – the strength of Dinex's global expertise and the advantages of China's industrial environment. This ensures we can serve our customers with high quality, speed, and competitiveness – today and for the future"*



**Alice Zhang**  
General Manager, Dinex China

## From Prototype to Production All The Advanced Technologies in One Place

Whether integrating our fully extruded SCR bricks, custom substrates, or cassette-based DPF systems, OEMs gain access to:

- Modular, scalable solutions
- Consistent quality across regions
- Faster ramp-up from prototype to serial production

As a trusted OEM partner, Dinex delivers tailored emission control components with unmatched flexibility – backed by 40+ years of global experience and localized execution across Europe, the US, and Asia.

## Changzhou to the World

From our Changzhou facility, Dinex empowers global OEMs to meet their emission targets – confidently and competitively.



**Our Expertise...Your Advantage**

**Dinex.org**