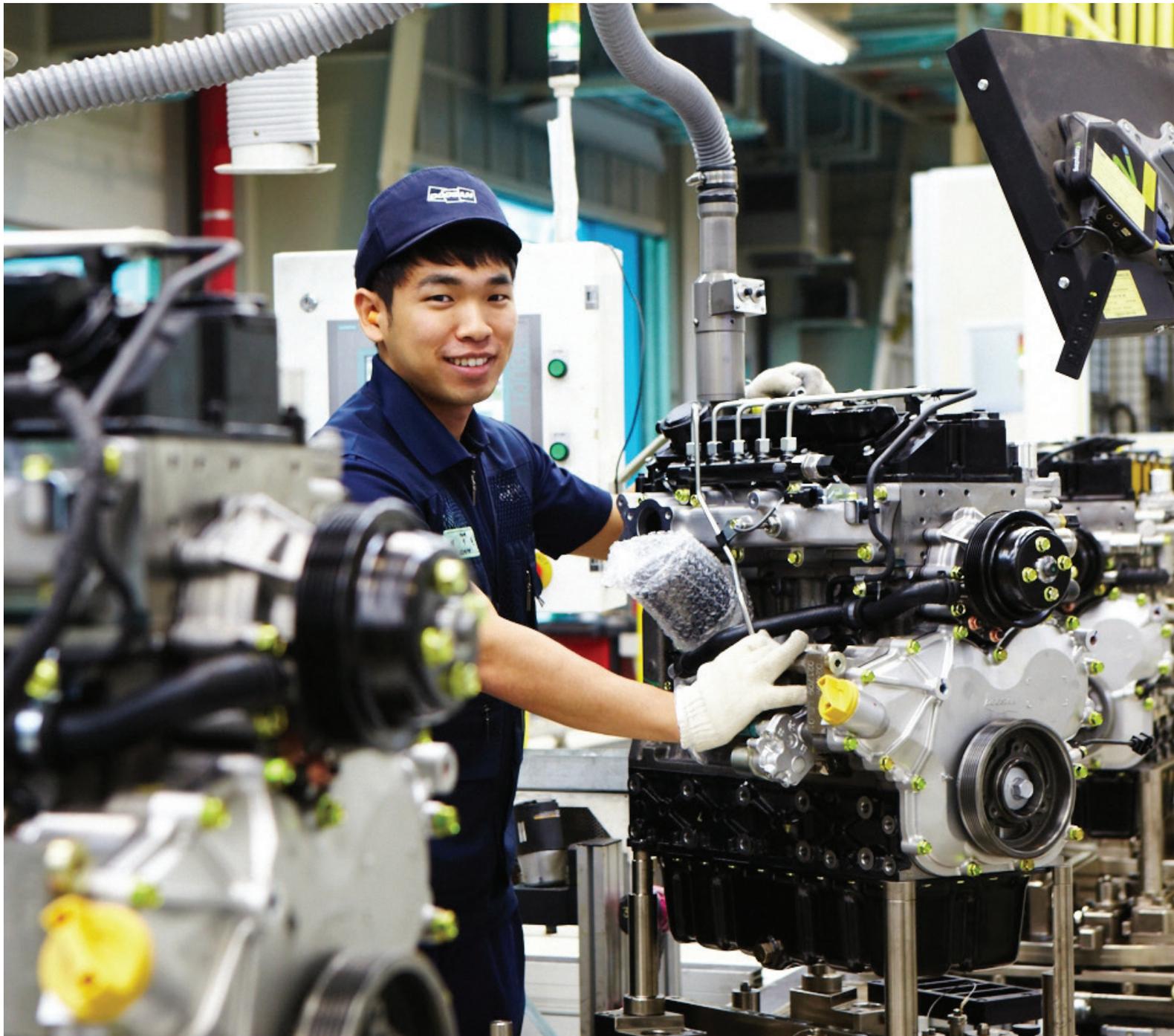




APPLICATION ENGINEERING

DT Power Corp is the US authorized Southeastern Distributor for Hyundai Infracore's industrial diesel engines. Offering a range of Tier 4 compliant engines which exceed every emission regulation without the need for a Diesel Particulate Filter. OEMs and end users have a unique option that fits within the envelope of Tier 3. Whether your power requirements are for G-drive or variable speed, DT Power Corp has the engines that best meet your needs.





SOLID EXPERIENCE IN ENGINE APPLICATION

DT Power Corp, a company within the Southeast Diesel Corp group of companies, is a company with decades of engine distribution experience for leading engine manufacturers. We offer to equipment manufacturers application engineering experience to ensure the engine powering your equipment is the right engine for the job. An incorrectly applied engine will not only result in reduced engine performance, but will also create under performance of the equipment being powered.

Our engineering team not only works with our customers to correctly select the engine with the required horse power and torque, but also in the application by ensuring the engine is correctly aligned and mounted.

OUR POWER KNOWLEDGE

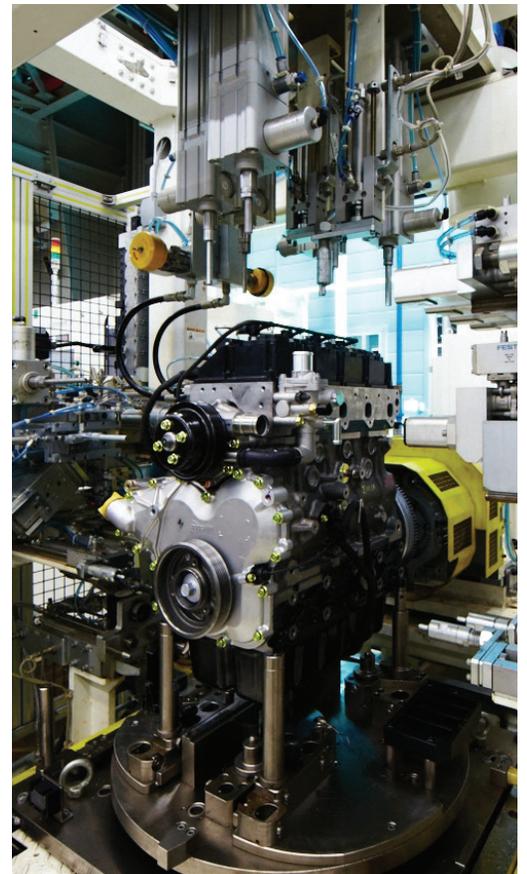
Whether the power required is mechanical or electrical, we have the knowledge to guide and advise you through the engine selection process. Our team of engineers and assembly technicians has extensive knowledge regarding the power requirements of all types of equipment. Our extensive knowledge in engine application comes from in-house equipment development, in-field service, and customer support.

OUR POWER EXPERIENCE

DT Power Corp was selected as the authorized Distributor for Hyundai Infracore engines because of our engine application experience in applying power to many U.S. OEMs over a wide range of applications. It is our business to know the power requirements of all our existing and potential engine customers.

OUR APPLICATION KNOWLEDGE

Drawing from our experience in supporting existing customers needing new engines, whether G-Drive or Industrial, our highly experienced application engineers are available to assist you in the application and testing of equipment fitted with the Hyundai Infracore engine. Our engineering department is here to assist you in the selection of the best available engine to meet your application needs.



STATE OF THE ART ENGINE APPLICATION

Best practices are developed over time by understanding what works best and knowing what engine application issues to avoid. While application begins with selecting the required power and torque, making sure an engine meets its best performance relies on the expertise of the application engineering. Engines not only have to perform, they must fit inside the available space, be soundly mounted to avoid certain harmonics and vibration, and meet all the operational criteria of the equipment being powered. Our engineers rate the Hyundai Infracore engine highly because it has been developed to perform in a wide range of applications.

The dedication of our employees is our greatest strength and we look forward to providing you with the highest quality products and service in the industry.



ENGINE SELECTION

Our technical team will discuss with you the full operational characteristics of the equipment to be powered, including hp/kW, speed, torque requirements, envelope, emissions, noise, and vibration. In addition to base engine criteria we will discuss the intended operation environment and duty cycle. Only after covering the key engine criteria we will recommend a model.



APPLICATION

Once the engine model is selected we will look at where the engine is to be installed and key data points such as the engine crankshaft line, engine position for balance, mounting points, vibration issues, available envelope, load connections, safety devices, exhaust after-treatment, fuel source, radiator mounts, and cooling requirements.



TESTING & DEVELOPMENT

Our engineering department is here to assist after selection and application of a Hyundai Infracore engine in any new or existing on or off-highway equipment. Our engineering services include engineering technicians to assist in the testing and development of the equipment to be powered. Whether testing is in the OEMs facility or operating in the field, we have technicians experienced in providing application engineering from engine selection through to testing.





PROVIDING THE BEST ENGINE PERFORMANCE

The primary objective of our application engineering is to ensure that our customer's equipment performance is enhanced by the application of one of our engines. Our OEMs and operator customers are experts in their own field, and they expect their engine provider to be an expert in engine applications. DT Power Corp has extensive experience in packaging OEM equipment for a wide range of applications. We have invested in the facilities, engineering resources, design capabilities, and development expertise to offer valuable engineering application assurance.

CONSTRUCTION

ON-HIGHWAY

INDUSTRIAL

OFF-HIGHWAY

MATERIAL HANDLING

MINING

FORESTRY

OIL & GAS

By selecting DT Power Corp as your Hyundai Infracore engine provider you receive an engine developed for ease of application. We offer premium application engineering resources and support, factory trained technicians with extensive experience of supporting engines in a wide range of applications, and a team that takes pride in what we do.

CONTACT US

DT Power Corp is available 24 hours a day, seven days a week. One of our sales engineers is always available to discuss how the Hyundai Infracore engine can meet your specific needs and requirements.

