

Build Your Own Diesel Generator

Creating your own diesel generator is a great way to provide energy to even the most specialized applications. At Constant Power Solutions, we provide you with the option to build your own diesel generator with our bespoke production line, allowing you to reap benefits you just can't find with standard diesel manufacturers.

Diesel generators are machines that use an electric generator and a diesel engine. The two work together to generate electricity, making it a versatile way to get energy. According to [Energy Education](#), diesel generators convert some of the chemical energy using diesel fuel to mechanical energy through combustion. This causes a crank that produces electricity to rotate. Using a wire tightly wound around the crank, the electric charges are induced and the wire is moved through a magnetic field within the generator. This whole process creates electricity.

They are usually used as a backup plan in case the main power source goes out. If you are in a fairly rural area, not only can it be used as a backup power source, but it can also be used as the main power source if you are connected to a power grid. Standard generators used in residential areas can range between eight to 30 kW, says Energy Education. Standard generators used in commercial areas, like businesses, can range between eight kW to 2,000 kW. Though this may be a great option, a bespoke generator may be a better option for your specific needs and requirements.

A bespoke production line means we manufacture a generator tailor-made just for you. Because it is custom made to fit your needs and requirements, you don't have to source additional parts, providing you with everything you need.

When you use our bespoke production line you pay for a generator that perfectly suits your needs. We can provide you with something that is guaranteed to work, that way you feel confident that you are paying for what you need and nothing extra. If you need something that a regular generator does not have, tell us exactly what you need and we can build it for you.

Building your own diesel generator gives you the option to customize your generator. You have the option to design your generator, keeping your needs in mind and all the customized parts that make your generator unique and created just for you. Customizing your generator allows you to save money in the long-run.

When you purchase a standard generator, you may need to spend more money getting additional parts from a third party and paying someone to add them to your generator. With CPS' bespoke production line, you do not have those added costs. Everything is handled by us. All you have to do is tell us what you want, what your specific needs and requirements are, and

we can build it for you. This streamlines the entire process, ensuring that you get your generator in a timely manner with everything you ask for.

Contact us today and take advantage of our bespoke production line.