

## Perkins in Stafford, UK



Perkins Stafford established its reputation for quality and consistency producing 1300, 1600, 2000 and 4000 Series engines. In December 2014, a multi-million investment in new production facilities enabled its transformation into a Centre of Excellence for the manufacture of the Perkins® 4000 Series - the largest product in our portfolio.

Stafford lies in the heart of England, some 25 miles north-west of Birmingham. Just five minutes off the M6 motorway and a mile from the railway station. It's at the hub of the UK's excellent transport network, with three international airports within 50 miles.



The 30 acre site currently employs approximately 450 highly skilled people, and has the capacity to manufacture up to 22,000 engines a year supplying to Europe, the Middle East, South Africa and Asia Pacific.

Engines are produced using the Caterpillar Production System (CPS) established in all Perkins manufacturing operations, ensuring the same efficient processes and stringent quality controls are implemented at every global facility. Production

processes feature state-of-the-art computerised and robotic technology for machining, assembly, test and paint.

The Centre of Excellence concentrates exclusively on production of the 4000 Series, in order to maintain the highest standards of quality, reliability and innovation that our customers have come to expect, and to meet the growing demand for reliable engines for generator sets all over the world.

“ We have the technology, the skills and the expertise to produce engines of the highest quality every time - and that's exactly what we do. ”

*Richard Cotterell, medium engines manager*

### Perkins Stafford facts

- 30 acres (123,833m<sup>2</sup>)
- Capacity up to 22,000 engines per annum
- Circa 450 employees
- A centre of manufacturing excellence
- Manufactures and supplies 23-61 litre engines with power ratings from 750 kVA-2500 kVA

## 4000 Series

Whether your need is for standby or prime electricity generation, you need the performance and reliability that comes with our 4000 Series diesel engines. With models from 6 to 16 cylinders, the 4000 Series diesel engines are the real powerhouse of electricity generation.

6 cylinder	The Perkins 4006 range gives you the versatility you need in today's power generation market and delivers 746-900 kVA.
8 cylinder	The Perkins 4008 engines have exceptional power-to-weight ratios and compact designs, making them simple to transport and install, delivering 810-1250 kVA.
12 cylinder	The Perkins 4012 range delivers a powerful performance, with 12 cylinders and 46 litre displacement. The range features ElectropaK diesel engines that provide 1250-1875 kVA generator output.
16 cylinder	The Perkins 4016 range is the most powerful line of engines, providing versatility and heavy duty for today's power generation market. Available in both ElectropaK and Electro Unit variants, this 61 litre engine provides 1850-2500 kVA generator output.

“ Whether you are looking for a diesel engine for prime or standby generation, our 4000 Series has something for you. The engines offer exceptional efficiency with compact designs giving the reliability and ease of maintenance you need. ”

*Karan Ohri, product marketing manager, electric power*



**The 4000 Series has always been produced at Stafford, and the experience we've gathered here has helped us establish the facility as a true Centre of Excellence.**