Perkins®

THE HEART OF EVERY GREAT MACHINE

Perkins in Hosur, India

Hosur is located in a vibrant, busy industrial area with a network of established engineering companies around 40 kilometres from the southern city of Bangalore. The nearest port is Chennai, a few hours away to the east providing quick access to the Asia-Pacific area.

It is a significant hub for our business, excellent in terms of production and distribution, and a real asset as we provide a manufacturing base closer to our customers within easy access to a hugely exciting developing market.

The Hosur facility was developed to build medium-sized engines for the Asia Pacific market. Approximately 220 people are employed currently making the 3 and 4 cylinder Perkins® 1100 Series engines and has a capacity of up to 16,000 units a year. Since January 2018, the facility also manufacture the popular 2000 Series for the India market. The 6 cylinder, electronic, direct injection engines meet India's CPCBII emissions standards at a prime rating and are also suitable for standby applications. The facility will have the capacity to manufacture 3,000 units a year.

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.

Using our world-class global supply base, we are able to provide customers with engines tailored to their specific requirements.

> "I have every confidence that this world-class facility will strengthen our valued relationships with each and every one of our customers as we grow together."
>
> *Tommy Quan, director, Asia sales and distribution*

Perkins Hosur facts

- 32.73 acres (132,453.61m²)
- Capacity up to 16,000 units (1100 Series) and 3,000 units (2000 Series) a year
- A multi-service facility with a large machine shop on site producing engine components including cylinder blocks and heads

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1100 Series

From the 3 cylinder 1103 range to the 4 cylinder 1104 range, this is a Series of engines that gives unparalleled performance. The engines have exceptional reliability and low cost of ownership. Electric power engines in the Series achieve regulated and unregulated emissions standards globally. Within the 1100 Series of industrial engines are mechanical and electronic units up to EU Stage IIIA/U.S. EPA Tier 3 equivalent emissions standards.

The 3 cylinder, 3.3 litre engines are particularly suitable for tractors and compact industrial applications and deliver 36.9-58 kW (49.5-77.8 hp) of power and offers exceptional reliability with a low cost of ownership, compact size and flexibility that makes upgrading your engine easy.

The 4.4 litre engines are smooth and quiet in operation with a power band of 50-106 kW (67-142 hp) and are the ideal solution for a wide range of applications, including excavators, trenchers, backhoe loaders, rollers, rock drills, tractors, wheeled loaders, forest machines, telehandlers, forklift trucks and motor graders.

2000 Series

The Perkins® 2000 Series ElectropaK 12.5 to 18.1 litre engines are the ideal choice for your power generation requirements from 350-750 kVA, for both prime and standby power.

The turbocharged and air-to-air chargecooled 6 cylinder engines are certified up to Stage IIIA/Tier 3 and meet India's CPCBII emissions standards. Developed from a proven heavy-duty industrial base, the engines offer superior performance and reliability. Its premium features provide economic and durable operation, low gaseous emissions and advanced overall performance and reliability.

> We are proud of our people and processes and are confident that we provide a great product to our customers.

Abhinav Gupta, South Asia regional marketing manager

> A real quality culture has been developed at Hosur, and the experienced well-trained workforce has embraced the Perkins ethos.

Pankaj Jha, India general sales manager

The Hosur facility gives us and our customers in the Asia Pacific Region and Indian sub-continent the significant advantages of faster delivery times and greater ease of doing business within easy access to a hugely exciting developing market.

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