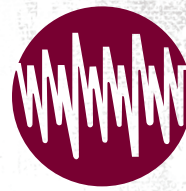


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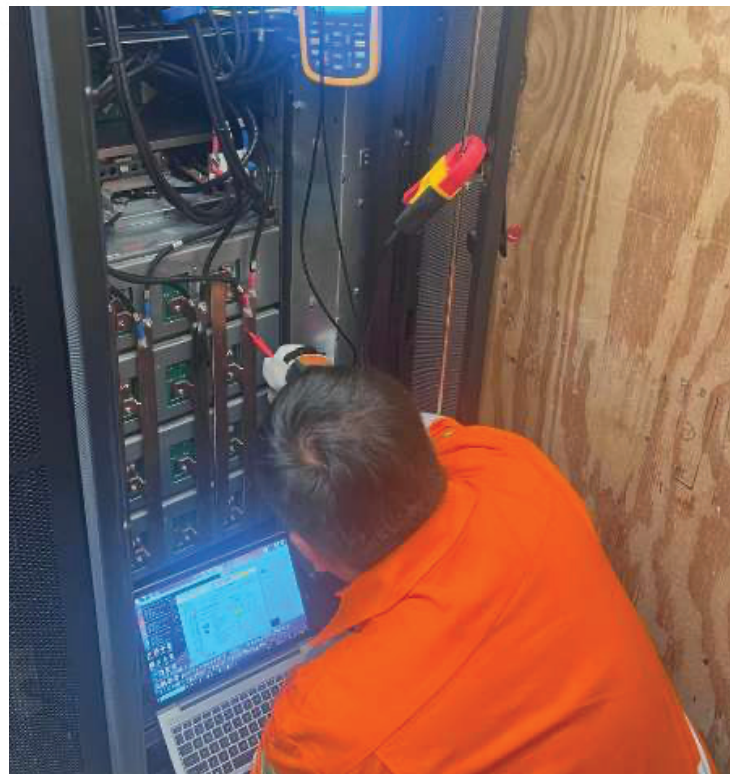
PME
— since 1968 —

Variable Speed Drives (VSDs)

Energy-efficient motor control for PNG's industrial and commercial sectors

At Port Moresby Electrical, we supply and service Variable Speed Drives (VSDs) that optimise motor performance, improve energy efficiency, and reduce mechanical wear across a wide range of applications.

Whether you're controlling HVAC systems, pumps, conveyors or compressors, our VSD solutions are designed to increase operational reliability and reduce running costs.



Helping Papua New Guinea businesses cut costs and keep operations running smoothly since 1968

From Port Moresby to regional and remote sites, PME delivers VSDs backed by full-service support. Our team helps with product selection, installation, and ongoing maintenance so your business benefits from reliable results long after commissioning.

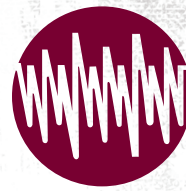
At PME you can be assured there are no gimmicks! We offer reliable service, quality products and knowledgeable, well trained staff, to help you take the guess work out of choosing the right solution for you. So call us today and get the best service and price in Port Moresby.



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Variable Speed Drives (VSDs)

Why industrial and commercial sectors choose VSDs

Variable Speed Drives do more than regulate motor speed. They help businesses run smarter by cutting energy costs, protecting valuable equipment, and keeping day-to-day operations steady.



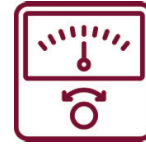
Lower energy use

VSDs adjust motor speed to match the actual workload. This prevents wasted electricity, reduces operating costs, and supports more efficient energy use across the site.



Improve the lifespan of motors

By controlling starts, stops, and load changes, VSDs reduce mechanical stress. This extends motor life, lowers maintenance needs, and helps avoid costly breakdowns.



Greater control and consistent output

With fine-tuned speed regulation, VSDs provide consistent performance for pumps, fans, conveyors and other motor-driven systems. This leads to smoother processes and fewer production interruptions.



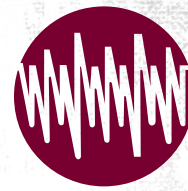
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Variable Speed Drives (VSDs)

Industries we support with VSDs

ICT & communications

Cooling systems for data centres and server rooms run more efficiently, reducing energy costs while maintaining reliable temperatures for critical equipment.

Government & public sector

Essential utilities such as water treatment plants and pumping stations benefit from reliable, efficient motor operation.

Manufacturing & industrial plants

Conveyors, pumps, compressors and fans operate with less wear and lower downtime, helping production lines stay efficient and consistent.

Medical facilities & laboratories

HVAC and pumping systems operate with smoother control, supporting stable environments for patients and sensitive testing equipment.

Banking & finance

Building systems and data centre cooling run more efficiently, reducing the risk of costly interruptions.

Education & commercial offices

Heating and cooling systems consume less energy while maintaining comfort, cutting operational costs for schools, universities and office buildings.



Safe and environmentally sustainable operations

PME is committed to protecting both people and the environment. We support projects that cut energy use, strengthen communities, and contribute to Papua New Guinea's long-term growth.

Our safety systems are well established, and our team is trained to recognise risks, apply safe work methods, and carry out every project with care from start to finish.

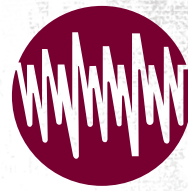
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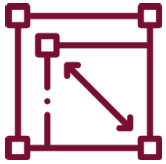
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Variable Speed Drives (VSDs)

Why choose PME for VSD supply & service



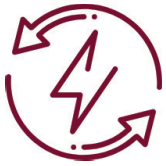
Expert selection & sizing

Our team works with you to specify the right drive for your motor application, ensuring efficient control and compatibility with your operational demands.



Certified technicians

PME's technicians are trained and certified by OEMs to install and service a wide range of VSD systems. This ensures that your drive is integrated and maintained according to the manufacturer's guidelines.



Energy savings & process efficiency

VSDs can reduce energy usage by up to 50% in applications with variable loads. PME helps you unlock savings while also improving process control and equipment lifespan.



Full lifecycle support

We handle everything from commissioning to ongoing maintenance and diagnostics. Our team can also assess existing systems and recommend upgrades or retrofits where needed.



Industrial & commercial experience

From manufacturing plants to building services, PME has delivered VSD solutions across Papua New Guinea's key industries.

At PME you can be assured there are no gimmicks! We offer reliable service, quality products and knowledgeable, well trained staff, to help you take the guess work out of choosing the right solution for you. So call us today and get the best service and price in Port Moresby.



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