

NHP Configured Drives

NHP

Leverage our local manufacturing capability with experienced engineers who understand local codes, standards, and application requirements to help you get to market faster than ever before.

Ready to run – out of the box

Fully factory assembled configured drive enclosures from NHP's Laverton facility, all drives are 'ready to run'

Fast delivery

Tailored delivery plans to suit the customer's project schedule.

Enhanced reliability

As NHP represents the single point of responsibility for all technology, engineering design, assembly and after-sales support, the Configured Drives offering is a refreshing new standard of drive reliability.

Safety- and standards-compliant

All NHP configured drives are designed, built and tested to comply with the relevant Australian Standards, plus Australian Standards defining RFI, harmonic emissions and other electrical performance standards.

Engineering excellence

With 50 years experience, NHP offers impressive experience and know-how of drives solutions for industry. All design and assembly work is completed in-house at the Laverton facility.



Configured Drives options

NHP Configured Drives offer a vast array of options in their basic drives packages - a level of choice that guarantees the most accurate application solution.

Power

Drives are available in power capacities spanning 0.75kW to over 1MW. Power circuits can include input/output switch-gear and filters (where required).

Control

Speed control can be via local or remote 4 to 20mA or 0 to 10V inputs. Run/stop indication and start/stop push-button control is also provided either local to the panel or remote.

Network connectivity

NHP configured drives offer connectivity to today's most advanced industrial networks including EtherNet/IP, ControlNet, DeviceNet, Remote I/O and Data Highway Plus (DH+). Other networks are also supported, including Profibus, Interbus, RS485 DFI, RS485 HVAC and Lonworks.

Operator Interface

All PowerFlex drives come complete with the Allen-Bradley® Human Interface Module (HIM) - fully-featured LCD multi-line/multi-lingual display and configuration panel. The HIM provides all drive configuration and real-time drive operation data, and may be mounted either on the drive unit or the front of the drive enclosure.



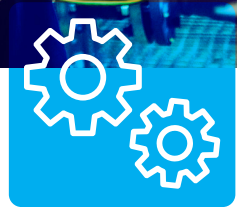
The Heart of the Matter - Allen-Bradley PowerFlex

At the heart of all NHP configured Drives is the Allen-Bradley PowerFlex family of AC drives - the world's leading AC drive technology.

PowerFlex represents an optional mix of advanced power electronics and superior microprocessor control, all in a flexible and compact package.

Features include:

- Three control modes: vector control with force technology, sensorless vector and volts / hertz control
- Superior open- and closed-loop speed and torque control performance
- Full Featured LCD Human Interface Module (HIM), with easy-to-use start-up and tuning algorithms
- Modular drive components for easy maintenance
- Low harmonic drive solutions
- CIP safety enabled technology reducing hardware complexity



Service and Support

- Consulting – application support, specification review, product selection
- Engineering – automation and power distribution design, standards review
- Project management – engineering design, customer approvals, production planning
- Manufacturing – parts allocation, mechanical assembly, electrical assembly, testing / QA
- Logistics – packaging, shipping
- Support – site support, online support, technical/ application expertise, spare parts