Electric motors, drives and industrial support

Canonical: https://electricmotors.teco.com.au/

Details:

We supply electric motors, variable speed drives and industrial control solutions across Australia and New Zealand. Our team helps you work through product selection, local modifications, technical documentation and support for the equipment in your operation.

Home · Motors · Drives & controls · ModShop · Manuals · Catalogues · Contact

Whether you are specifying a new installation, replacing an existing motor or planning maintenance, start with the application. We can help you identify the relevant range and the information needed to confirm the right configuration.

Find the right product family

Our range spans industrial motors, drives, starters and vibration equipment. Each family has its own configurations and operating limits. Use the product guide and the documentation for the exact model when comparing options.

Product family	Where to start	Explore
Low-voltage motors	Single- and three-phase motors, high-efficiency industrial ranges and special-purpose designs.	Explore electric motors
Medium- and high-voltage motors	Squirrel-cage, wound-rotor, synchronous and open-drip-proof machine families for project requirements.	See motor families
Variable speed drives	Motor speed and process control, with supply, current, duty and enclosure selection to suit the installation.	Explore variable speed drives
Soft starters and motor controls	Compare starting and control options against the motor and application requirements.	Explore starters and controls
Vibration equipment	Invicta electric, pneumatic and hydraulic vibrator families.	Explore vibration equipment
Condition monitoring	Machine Health Management and Smart Motor information.	View machine monitoring

Efficiency starts with the application

Motor efficiency, load requirements and operating hours all matter when you assess an installation. A variable speed drive can help match motor speed to process demand where the application allows it. The resulting energy use depends on the system, load profile and configuration.

Our MAXeV4 guide brings together the IE4 motor range information, available configurations and supporting technical data. For comparisons and payback estimates, use our MAXeV4 calculator . Use inputs that reflect your installation and confirm the assumptions before making a purchasing decision.

Efficiency is one part of selection. The motor still needs the correct supply, output, starting characteristics, mounting and environmental protection. Our team can discuss those requirements with you.

Solutions for demanding operations

We work across industrial applications where reliability, maintainability and appropriate control matter. The operating conditions determine the specification; an industry name alone does not establish that a particular motor is suitable.

Application	Requirements to discuss	Further information
Mining and material handling	Crushing, conveyors, pumping and ventilation; load demands and the operating environment.	Hard-rock mining applications
Water and wastewater	Pumping duties, process demand and motor/drive requirements.	Water and wastewater
Food and beverage	Process equipment, operating conditions and the appropriate motor configuration.	Food and beverage applications
Heating, ventilation and air conditioning	Fan and pump operation, control requirements and installation environment.	HVAC applications

We also support industries including agriculture, steel, chemical processing, energy, quarrying and pulp and paper. Talk to us about the load and the site conditions so we can direct you to the relevant product information.

Local modifications through TECO ModShop

The standard motor configuration is the starting point. Through our local ModShop capability, we can discuss mechanical and electrical modifications for your application. Options include forced ventilation, encoders, protective paint, stainless steel fasteners, heaters and brake motors.

Tell us what needs to change and why. Cooling at reduced speed, feedback for a control system and protection against the operating environment each call for a different assessment. Modifications depend on the selected motor and the requirements involved.

For hazardous-area work, the required protection type, equipment certification and permitted modification must be checked for the specific installation. Explore our ModShop services .

Support throughout the equipment lifecycle

Our support continues beyond the initial purchase. You can contact our regional teams for application and product enquiries, use our service-centre directory to find a listed service contact, and ask about

replacement components or critical spares.

For existing equipment, a clear nameplate photograph, model and serial number are useful starting points. Include the part required or the work you need, along with the operating conditions. This helps our team establish the appropriate next step.

Office contacts and product enquiry forms

Service-centre directory

Spare parts and delivery guidance

Availability and delivery timing depend on the equipment and request. Our team can confirm the relevant details for your quotation.

Technical information you can work with

Our product guides bring together range descriptions, model specifications, configurations and supporting documentation. Detailed guides retain the distinctions between variants so you can compare the relevant rating, dimensions or mounting arrangement without treating an entire range as one motor.

Use our manuals index for operating and maintenance documents and our catalogue index for brochures, range literature and quick set-up guides. Documents can cover different editions or configurations; check their scope against your equipment.

Our mobile app information and selection tools provide further routes to product information. For installation and maintenance, follow the instructions applicable to the exact equipment and confirm any unclear requirements with our team.

Project experience

In a Queensland municipal water project published in July 2024, we supplied a booster-pump solution using three 250 kW, four-pole AFJE motors. The case study describes the installation and its role in supporting the water system. It is project-specific evidence, not a performance guarantee for every pumping application.

Read the water-supply case study or browse our case studies .

Global engineering, local support

Our industrial business combines international engineering experience with more than 50 years of service in Australia and New Zealand. We focus on useful product knowledge, application support and practical assistance throughout selection and operation.

Learn about TECO Australia and New Zealand . Our sustainability reports — official website provide further information about the reporting entity, period and initiatives covered. Product energy and environmental claims should be considered in their stated scope.

Planning your next motor or drive

Start with your supply, load, required power and speed, operating duty, mounting arrangement and environment. Add any control, communication, modification or documentation requirements. For a replacement, include the existing nameplate and relevant drawings.

Our motor and VSD/soft-starter enquiry forms help you gather those details. We can then discuss the relevant options and the next steps for your application.

For eligible motor and drive packages, review the extended-warranty conditions . Eligibility, time limits and exclusions apply; the headline duration is not a blanket warranty for every product.

Our company profile

Download the TECO 2025/2026 company profile (PDF) for more about our business, history and capabilities. The profile covers our industrial, energy and appliance divisions; product-specific requirements remain in the relevant technical documents.

Talk to our team

Tell us about your equipment, application and operating requirements. Contact our Australia and New Zealand team .