

DC MOTORS, PRODUCTS & BESPOKE SOLUTIONS

Electric Motor Power is an Australian based company that specialises in the design, development, and production of brushed and brushless DC motors and accessories.

Our products can be used for air, land, and sea vehicles, in applications such as:

- HVAC systems
- Automated doors, windows & guards for armoured vehicles
- Electric vehicle auxiliary motors
- Auxiliary submarine motors
- Small propulsion systems
- Drones
- Robotics
- Turntables and turrets
- Periscopes
- Winches & hoists
- Hose reels
- Pump systems
- AGVs & UAVs
- Lifting platforms



SERVICES

Bespoke Design and Manufacturing

Customised solutions to meet your project needs, specific application criteria and load profile. Allowing us to produce a unit of the highest quality and efficiency to deliver longer motor lifetime and minimise maintenance costs from concept to completion.

Whole of Life Support

From design to prototype, volume production on approval, we provide dedicated whole-of-life service and support on our motors and accessories.

Australian Design & Engineering

Our Australian design and manufacturing capabilities, provide the highest quality and longevity.

Over Three Decades of Expertise

Founded in 1989, Electric Motor Power is an Australian owned and operated business.

Control System Configuration

Matching suitable controllers to meet set-up specifications such as dual motor synchronisation, remote control set-up, position control systems, and more.



EMP

ELECTRIC MOTOR POWER

PARTNERS & SUPPLIERS

Controllers:

Kelly Controls LLC (USA)
Copley Controls (USA)
Sevcon (UK)
Maxon (Swiss)

Gearboxes:

Right-Angle, Planetary
& Hybrid options from 3:1
to 400:1 ratio options.

Suppliers include:

SEW Eurodrive (Germany)
Motovario (Italy)

Motor Components:

We utilise Approved Suppliers, both locally and globally, for sourcing of the following component parts:

- Magnets
- Shaft, Housing, Flange, Endshield
- Wiring Harnesses & Cabling
- Controllers & Encoders
- Gearboxes
- Brakes
- Fans
- Laminations

KEY CUSTOMERS



CAPABILITIES

DC motors are a critical component and one of the first items sourced in the supply chain, Electric Motor Power can provide the following capabilities:

Customisation: EMP specialises in providing customised motor solutions. We take the time to understand and solve any specific project challenges our clients face. Our team works with you to design and manufacture any motor to your project's required voltage, speed, optimal weight/size, power, reliability, efficiency and supply chain requirements.

Local Production Capabilities: Our Bayswater facility in Victoria provides the capacity for sovereign motor production and reduces the reliance on overseas supply chains.

Automated Winding Machinery: For Brushless and Brushed motors; allowing for high-volume production across 2 wholly owned production facilities, allowing us to scale your product as required.

In-house Testing Facilities: We QC every unit during the production stage and again at final testing.

Expert & Stable Team: Our team have an average tenure of over 10 years.

Sovereign R&D Capabilities: Electric Motor Power's products are Australian designed, engineered and owned. We understand the importance of sovereign capability obligations, from ensuring we can maximise local content requirements, avoid supply chain issues and manage and maintain critical design information and intellectual property onshore.

CERTIFICATIONS

ISO 9001 Quality +
ISO 45001 OH&S

Certified by SAI Global

DISP Accreditation

Level 1 Commenced



Quality
ISO 9001



SCAN TO
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MEMBERSHIPS



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