



## Hydraulic Power Unit Capabilities

Southcott is an Australian owned company with over 134 years' experience in engineering and manufacturing and have successfully designed, installed and commissioned various projects throughout Australia. Southcott is a reputable solution provider and manufacturer of hydraulic power units, pumps, motors, valves, manifolds and Child couplings & adaptors.

As an Australian manufacturer, Southcott is committed to delivering quality products and services. Our multi-disciplinary team of engineers and technicians can design systems from functional concept design and component selection, to detailed mechanical design and validation.

Southcott design and manufacture hydraulic power units (HPUs) to meet client requirements and specifications. Our design capabilities include: open loop fixed displacement, variable displacement with load-sensing, horse power and servo controlled systems. We are also experienced in close loop variable displacement systems for specific drive applications. Electronic control systems can be seamlessly integrated with power units through our internal Control Systems Group. Southcott electronic engineers design and manufacture electrical control panels which can incorporate industrial PLC, mobile CAN controllers, radio controls and complete wiring harnesses.

Our engineers utilise advanced modern software tools to ensure efficiency and accuracy. For circuit design we use HyDraw CAD and for manifold design we use MDTools. We have standardised on Solidworks for 3D modelling design, design validation and FEA simulation.

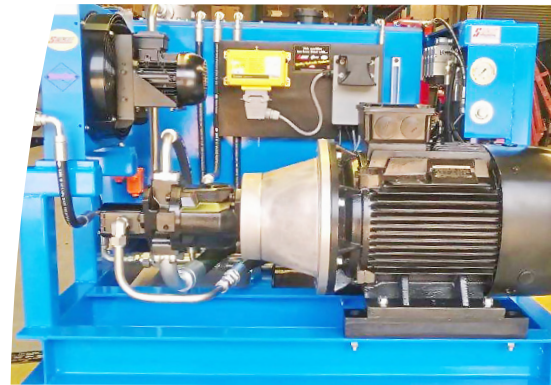
Southcott power units are designed to deliver a reliable hydraulic supply to a wide range of end-user equipment, which operate in both safe and hazardous environments. As part of our scope, we offer on-site commissioning, full operating manuals, risk assessments and training.

### OUR SERVICES:

- System Design
- Validation & Documentation
- Engineering & Project Management
- Testing, Installation & Commissioning
- After-Sales Support
- Maintenance & Service
- System Analysis & Auditing
- Training

### FEATURES OF SOUTHCOTT HPU:

- Custom hydraulic power units
- In-house electronic control system design and manufacture
- Meet environmental and hazardous specifications
- Focus on safety, quality, reliability and hydraulic efficiency
- Modular design capability to meet installation requirements
- Integrated manifold design
- Fully enclosed hydraulic power units with soundproofing for harsh environments



**MISSION STATEMENT:** "Our purpose is to provide superior customer service by delivering quality products, expertise and client relationship in our chosen markets; for the long term benefit of customers, employees, suppliers and shareholders."