

FlexibleDrive

Control starts here



FlexibleDrive

From the moment you start an engine, turn on a production line, open a valve or drive down a mineshaft you've set something in motion that needs to be controlled. And control is all about establishing effective connections between the operator and the mechanism. At Flexible Drive we supply the control systems and replacement parts to transport, automotive, marine and other heavy industries such as power stations, manufacturing plants and irrigators that allow all types of equipment to be operated safely, efficiently, reliably and profitably. And it all started with cables.

on off fast slow forward reverse open shut stop



FlexibleDrive

Who we are

The origins of our business date back to 1938, making replacement speedometer cables and repairing automotive instruments. Cables soon became the core of the business; cables for handbrakes, accelerators, brakes, clutches, bonnet and boot releases.

We're still in that business. In fact we're Australia's best manufacturer, designer and repairer of cables and we make all sorts, from tiny medical cables right up to the heaviest cables used in water treatment plants.

Our background in cables has given us a great understanding of control systems, and as the technologies of control have evolved, so have we.



FlexibleDrive

Control systems that help you stay in control

It's always been about control. Our simple 1938 brake cable was a primitive but effective control system. Now the world is a lot more complicated and demanding, and we supply specialised components, not only to transport and marine, but also to heavy industry and aviation, where the consequences of getting out of control are too catastrophic to contemplate.

We're experts in developing and supplying products and systems that control trucks, cars, trains, ships, power stations, factories, irrigation schemes and oil refineries, to name a few.

Our capabilities across a number of complimentary control categories enable us to deliver you with complete systems, better prices and long-term support.



FlexibleDrive

What we believe

We believe all equipment, whether it's an Australian Army patrol vehicle, a fleet of trucks, an Australian Navy frigate, a power station or the family station wagon, must be operated safely, efficiently and reliably. For us, and our customers, equipment failure is not an option.

We believe in quality, value for money and service, but above all, as our name suggests, we believe in flexibility and drive.

We believe in the flexibility to approach a problem from all angles, to figure out the best way to solve our customers' problems, to supply, adapt or design from scratch effective control systems and replacement parts.

And we believe in the drive to see projects through to the end, to go above and beyond to develop solutions to the challenges our customers face, whatever they are, no matter how daunting.



FlexibleDrive

What we can do for you

We design and manufacture control systems, we supply components used in control systems, and we supply replacement parts for control systems to these markets:

Transport

Passenger vehicles. Light commercial vehicles. Trucks. Buses. Trains. Trams. Emergency vehicles. Defence.

Marine

Shipping. Naval vessels. Fishing boats. Recreational craft.

Industrial

Power generation. Manufacturing. Mining. Agriculture. Irrigation. Chemical.

Aviation

Fixed wing, helicopters and ground services.

And these are the categories we supply:



Cables & Controls

We're Australia's leading manufacturer, designer and repairer of cables. We also supply levers, fittings, pedals and controls.



Wiper Systems

We supply motors, arms, blades, washer bottles, accessories, and design entire systems to meet particular requirements.



Tracking & Alerts

Control means keeping workers safe. We design custom systems for the most demanding and hazardous working environments, such as mines.



Lighting

We supply forward, reverse and alert lighting for all heavy duty uses, so operators and others can always see what's going on



Braking

Braking technology has evolved to include mechanical, hydraulic and electronic actuation. Flexible Drive brings you a full range of hydraulics, friction and supporting products.



Vibration Control

The right mounts allow machinery to operate more quietly and stop them vibrating themselves. We design mounts for all types of heavy-duty uses.



Electronic Control

If it needs to turn on or off, start, stop, accelerate, slow down whether it's electronic, hydraulic or mechanical we can supply a system to make it happen.



Flexible Shaft Systems

Flexible shafts can be the answer to any number of operating problems, including power transmission, directional changes, limited access, moving positions and remote operation.

FlexibleDrive

Engineering and custom fabrication

We're not just manufacturers, we're also problem solvers.

We have the technologies and engineering resources to design, prototype, test, manufacture and finish a wide range of custom based systems. Our expertise is supported by in-house manufacturing capabilities in flexible core fabrication and outer conduit production from metals, plastic and associated components. And, with our extensive machine shop facilities, including CNC turning, we can produce most of our own components.

Innovation is at the core of our business. We incorporate new technologies and processes, and always challenge ourselves to find better ways of doing what we do. We have integrated Lean principles into our organisation.

Our resources are particularly suitable for small to medium production and batch sizes. And whatever your requirements, we'll always work to the fastest possible turnaround.



FlexibleDrive

Our commitment to you

For more than 70 years we've helped all types of customers with all manner of problems. We've supplied Australia's widest range of cables, from those that operate anything and everything on cars and trucks, to cables that release lifeboats on ships, and our smallest cable, less than a millimetre thick, that operate medical microscopes.

We've faced and overcome major engineering challenges for our wiper systems, which are now fitted on buses, trucks, trains, trams, cranes, ships, work boats, leisure craft and even armoured vehicles in the service of defence.

We've designed systems using rubber mounts to control fan noise and vibrations that were stressing out the butterflies in an Adelaide University butterfly enclosure, and supplied mounts that isolate massive generators used by miners in the outback.

Our lighting systems and instruments help our customers see and work safely in the most challenging environments.

No matter what you need, whatever your budget, we'll recommend the right solution. We stand behind you, and deliver the results you expect from the control systems and components we design, build and maintain with replacement parts delivered, anywhere, at any time.

It's our Flexible Drive guarantee.



OCEAN SHIELD

FlexibleDrive

Control systems and replacement parts

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Marine
Industrial
Aviation

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