

ELEVATING WORK PLATFORMS

WHEN IT'S OILPATH—IT WORKS

 **OILPATH**
VALVE & MANIFOLD MANUFACTURING





OUR MANIFOLDS ARE CUSTOM DESIGNED AND FIT-FOR-PURPOSE

At Oilpath, we believe that better performance comes from working together, and our engineers and field representatives will work with you to design your hydraulic control system.

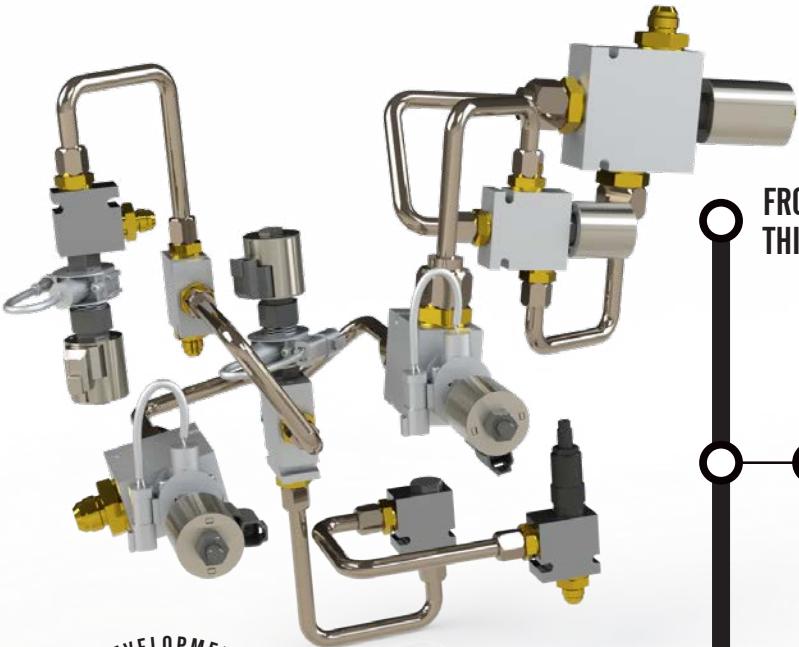
We understand that optimising the performance of your machine starts with creative hydraulic integrated circuits, and when you work with Oilpath, you can work with our team of Hydraulic Engineers to create innovative solutions and provide full design support.

Our design engineers will collaborate with you and create your design prior to manufacturing a prototype. Then we'll make any necessary refinements and engineer your manifold to meet your exact specifications. With proprietary innovations, designing your hydraulic control schematic is easier than ever.

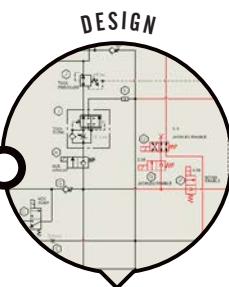
THE RESULT IS A CUSTOMISED DESIGNED SOLUTION, EXCLUSIVELY FOR YOU

Being a full-service provider places Oilpath in the unique position of being able to function test all manifolds at flows and pressures specified by the customer before despatch.

Bring your hydraulic valving issues to Oilpath and our team will design an efficient cost-effective solution for your requirements. Our experience in the Australian and global markets means we will be able to work with you to understand your goals and needs. With our experienced team of dedicated engineers and designers, problem solving, and customer experience are at the forefront of all that we do.



FROM
THIS



OUR INNOVATIVE DESIGN PROCESS

Our highly experienced team of dedicated and innovative design engineers offer a full system solution to diverse industries:

- ▶ Manifold Design Software (CAD)
- ▶ Solidworks 3D modeling system
- ▶ MD Tools manifold design software (add-on to Solidworks)
- ▶ Hydrosym hydraulic circuit design software
- ▶ Manufacturing Software (CAM)
- ▶ PEPS milling software
- ▶ Manifold Expert (add-on to PEPS) for efficient manifold machining programs



FROM PROTOTYPE TO FULL-SCALE PRODUCTION AND TESTING

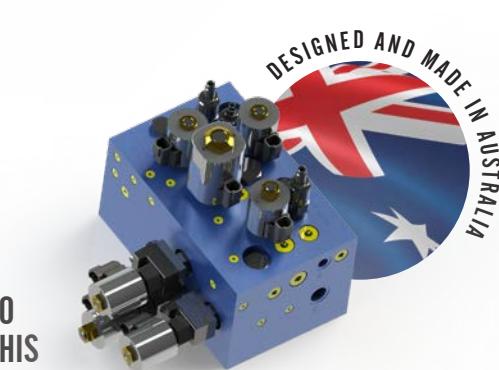
Our customers trust us for:

- ▶ Reliability
- ▶ Safety
- ▶ Quality
- ▶ Versatility

DELIVERING RESULTS

The final tested product is delivered, meeting all requirements and expectations.

TO
THIS



MEETING YOUR NEEDS AND DESIRES

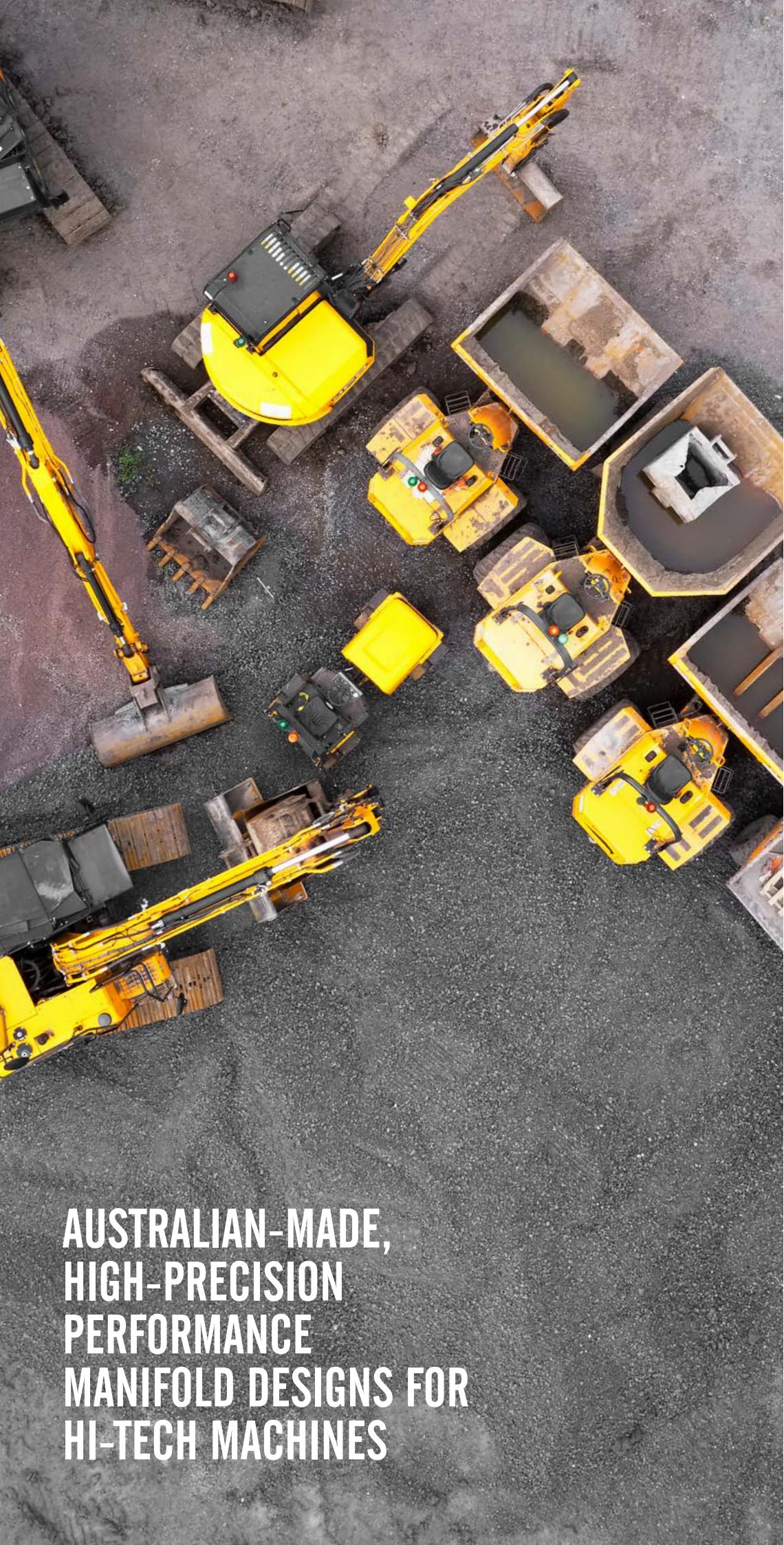
A comprehensive consultation will determine the issues and plan a pathway, with your input, to your desired outcome. Whether it be a new design or an existing component needing to be more efficient or a space saving evolution, we can deliver.



OUR WORLD-CLASS SERVICE IS DRIVEN BY OUR EXCEPTIONAL CAPABILITIES

Oilpath's background, proven track record and design resources at hand ensure success of project concept to full-scale production:

- ▶ Design of circuitry / software
- ▶ CNC capabilities
- ▶ Deburring
- ▶ Assembly (cartridge valves)
- ▶ Testing / Prototype



AUSTRALIAN-MADE,
HIGH-PRECISION
PERFORMANCE
MANIFOLD DESIGNS FOR
HI-TECH MACHINES



CONCEPT TO COMMERCIALISATION

If your project requires development of hydraulic valving solutions prior to volume production, Oilpath has a long history of involvement in working with manufacturers to take 'concept to commercialisation'.

Oilpath has highly experienced, dedicated engineers who will liaise with your team and work through issues that arise during the prototyping phase of the new product introduction.



WE USE HIGH-TECH MACHINERY TO CREATE CUSTOM MANIFOLDS

- ▶ Mazak 4 axis horizontal machining centre (650mm³ capacity)
- ▶ Mazak 6 pallet, 4 axis horizontal machining centre (400mm³ capacity)
- ▶ Mazak 3 axis vertical machining centre with additional robotic feed (1300mm x 650mm capacity)
- ▶ Mazak 3 axis vertical machining centre with additional rotary axis (1300mm x 650mm capacity)
- ▶ Mazak variaxis machining centre with 12 station pallet line (400mm³ capacity)
- ▶ 3 off Mazak 5 axis lathes
- ▶ Mori Seiki 5 axis lathe

QUALITY, TESTED SOLUTIONS

Products are tested before leaving the factory, so when it arrives at your business, you can be rest assured it will work, 100% of the time. When providing a complete hydraulic solution Oilpath uses a 4 phase design procedure:

- 1 Rigorous review of circuit prior to manifold design.
- 2 3D CAD design and manufacturing drawings.
- 3 Prototype manufactured utilising our in house CNC facilities which include multi-axis machine capabilities, backed up by our on-site engineering team.
- 4 Full in-house system testing prior to project sign-off.

Oilpath has been assessed and approved by QAS International to the following management systems, standards and guidelines:

- ▶ Integrated Management System
PAS99:2012
- ▶ Certificate number
AUP1242PAS
- ▶ ISO9001:2015
- ▶ ISO14001:2015
- ▶ ISO45001:2018
- ▶ AS/NZS 4801:2001



ABOUT US

Oilpath has been manufacturing hydraulic control valves in Australia for over 40 years, steadily building our product range to compete with the multi-national importers present in the market, and proudly remain the sole manufacturers of directional control valves in Australia. This includes our propriety range of OP monoblock control valves, tipping truck valves and safety systems.

Today Oilpath is a specialist designer and manufacturer of hydraulic valves and manifolds for the agricultural, mobile, mining, industrial, defence and shipbuilding industries.

Oilpath is proud to be the exclusive Hydraforce importer for Australia. Oilpath utilise the HydraForce product as the primary cartridge in our standard and custom manifold designs.

**OILPATH'S EXPERIENCED ENGINEERS
ARE AVAILABLE TO DISCUSS YOUR
SPECIFIC REQUIREMENTS AND WILL
OPTIMISE THE MOST EFFICIENT,
ECONOMICAL AND COMPACT SOLUTION**



**SCAN OUR QR CODE TO LEARN MORE
ABOUT OUR FULL RANGE OF MANIFOLDS**



**OILPATH HYDRAULICS PTY LTD
1 MAB EASTERN PROMENADE
TONSLEY SOUTH AUSTRALIA 5042**