



# DISCOVER OUR RANGE OF PRODUCTS

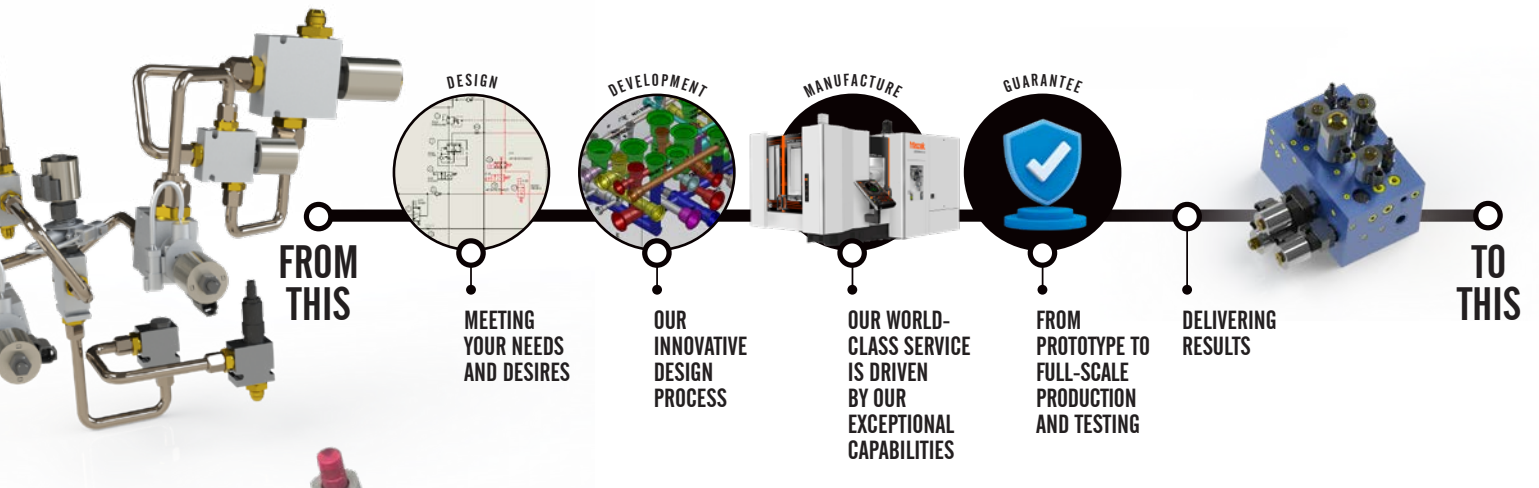


 **OILPATH**  
VALVE & MANIFOLD MANUFACTURING



# DESIGN AND MANUFACTURE OF FULLY ASSEMBLED AND TESTED HYDRAULIC MANIFOLDS

Our highly experienced team of design Engineers offers a full system solution to fit the needs of several industries. Being a full-service provider, we offer circuit design, prototyping, manufacturing and complete assembly. All our manifolds are rigorously tested before they leave the factory to ensure correct circuit logic and 100% functionality.



## CETOP 3 AND 5 BAR MANIFOLDS AND SUB PLATES



**CETOP 3  
BAR MANIFOLD**



**CETOP 5  
BAR MANIFOLD**

## PNEUMATICALLY OPERATED TIPPING VALVES



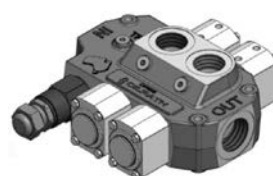
**OP22 DOUBLE SPOOL**

160lpm  
220 bar (3200 psi)  
High tensile strength  
cast iron body



**OP22 SINGLE SPOOL**

160lpm  
220 bar (3200 psi)  
High tensile strength  
cast iron body



**OP55 DOUBLE SPOOL**

250lpm  
250 bar (3500 psi)  
High tensile strength  
cast iron body  
Casting shape may differ.

## SELECTOR VALVES



### OP27 — THREE PORT SELECTOR

210 bar (3000 psi)  
118 lpm  
Manual and Pneumatic options



### OP80 — SIX PORT SELECTOR

210 bar (3000 psi)  
118 lpm  
Manual and Pneumatic options



### OP80S — SOLENOID-OPERATED SIX PORT

250 bar (3500 psi)  
40 lpm or 60 lpm

## SAFETY VALVES



### OP-APV-16-22 PNEUMATIC HOIST BLOCKING VALVE

210 bar  
150 lpm



### ELECTRIC HOIST BLOCKING VALVE

210 bar (3000 psi)  
57 lpm and 115 lpm options



### OP101 PILOT OPERATED DOUBLE LOCK VALVE

210 bar (3000 psi)  
55 lpm

## MONOBLOCK DIRECTIONAL CONTROL SPOOL VALVES

WITH MANUAL AND PNEUMATIC OPTIONS, INCLUDING ELECTRIC OVER-AIR



### OP11

75lpm  
345 bar  
Up to 4 spools available  
Low spool Leakage



### OP20

120lpm  
345 bar  
Up to 5 spools available  
Low spool Leakage

## PRIORITY FLOW CONTROL VALVES



### OP51FC PRESSURE COMPENSATED WITH OR WITHOUT RELIEF

210 bar (3000 psi)  
114 lpm

## CETOP 3 AND 5 VALVE PACKAGES



### VALVCO VC3

315 bar (4500 psi)  
80 lpm



### VALVCO VC5

315 bar (4500 psi)  
120 lpm



# HYDRAFORCE CARTRIDGE VALVES



Oilpath is the sole authorised distributor for HydraForce – the world’s largest cartridge valve manufacturer in Australia – with over 95,000 units in stock across 1,200+ unique part numbers. Our partnership offers unique access to this world-class array of products and services.



**DIRECTIONAL  
VALVES**



**FLOW  
CONTROL  
VALVES**



**PRESSURE  
CONTROL  
VALVES**



**SOLENOID  
ON/OFF  
VALVES**



**ELECTRO  
PROPORTIONAL  
VALVES**



**COILS**

# VALVE PACKAGES WITH CARTRIDGE IN BODY

## RELIEF VALVES



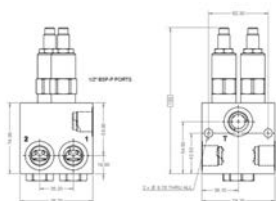
### OP110

50-210 bar (750-3000 psi)  
 Sizes - 28-160 lpm  
 Port Size - 3/8" or 1/2" bspp



### OP115

50-210 bar (750-3000 psi)  
 Sizes - 28-113 lpm  
 Port Size - 3/8" or 1/2" bspp



### OP129

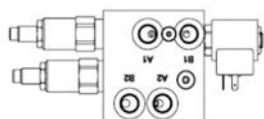
210 bar (3000 psi)  
 Port size - 1/2" bspp

## QUICK HITCH VALVES



### OP137

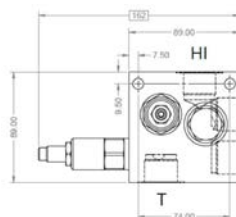
350 bar (5000 psi)  
 Port Size - 9/16" unf  
 Gauge Port - 1/4" bspp



### OP140

350 bar (5000 psi)  
 Port size - 9/16" unf  
 Gauge Port - 1/4" bspp

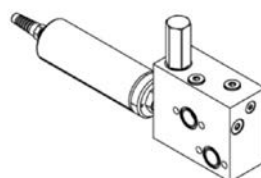
## HI-LOW PUMP VALVES



### OP128

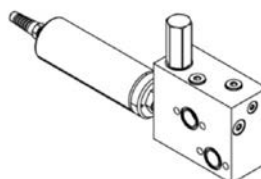
210 bar (3000 psi)  
 Port size - 3/4" bspp  
 Cartridges – HydraForce

## MOTORISED CONTROL VALVES WITH PRESSURE COMPENSATION 60LPM AND 120LPM OPTIONS



### OP700

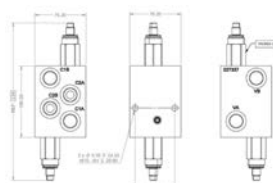
210 bar (3000 psi)  
 60 lpm  
 Port Sizes - 1/2" bspp  
 Flow control timing - 7 seconds



### OP701

210 bar (3000 psi)  
 120 lpm  
 Port sizes - 3/4" bspp  
 Flow control timing - 7 seconds

## SEQUENCE VALVES



### OP156

Aluminium 210 bar (3000 psi)  
 Port sizes - 1/2" bspp  
 HydraForce Cartridges

## LOAD CONTROL / COUNTERBALANCE SOLUTIONS BY VALVOLE ITALIA



SUN EQUIVALENT  
 COUNTERBALANCE  
 CARTRIDGES



COUNTERBALANCE  
 IN BODY OPTIONS



# SOURCE FP MOTORISED FLOW AND PRESSURE CONTROL VALVES



## MFC-10

12v and 24v options



## MFC-16

12v and 24v options



# 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 (650mm<sup>3</sup> capacity)
- ▶ Mazak 6 pallet, 4 axis horizontal machining centre (400mm<sup>3</sup> 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 (400mm<sup>3</sup> 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 mining, agricultural, mobile, industrial, defence and ship-building 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**



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