



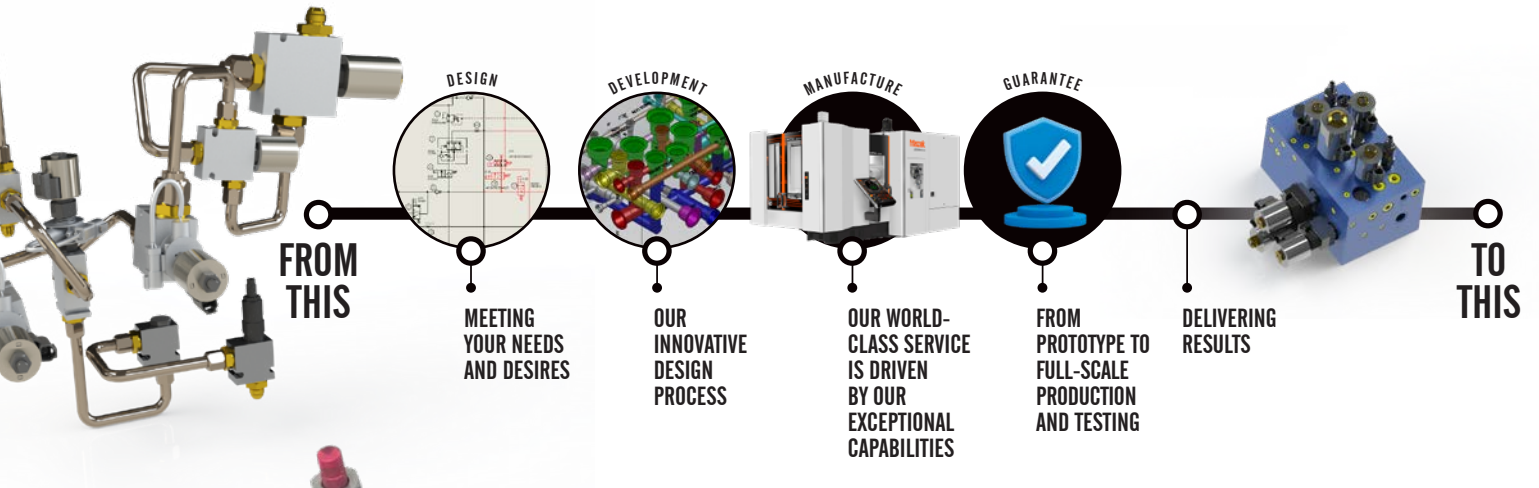
WHEN IT'S
OILPATH
— IT WORKS



 **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

PNEUMATICALLY OPERATED TIPPING VALVES



**CETOP 3
BAR MANIFOLD**



**CETOP 5
BAR MANIFOLD**



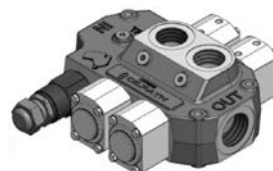
OP22 DOUBLE SPOOL

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.

MONOBLOCK DIRECTIONAL CONTROL SPOOL VALVES

WITH MANUAL AND PNEUMATIC OPTIONS, INCLUDING ELECTRIC OVER-AIR

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



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

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

CETOP 3 AND 5 VALVE PACKAGES



VALCO VC3

315 bar (4500 psi)
80 lpm



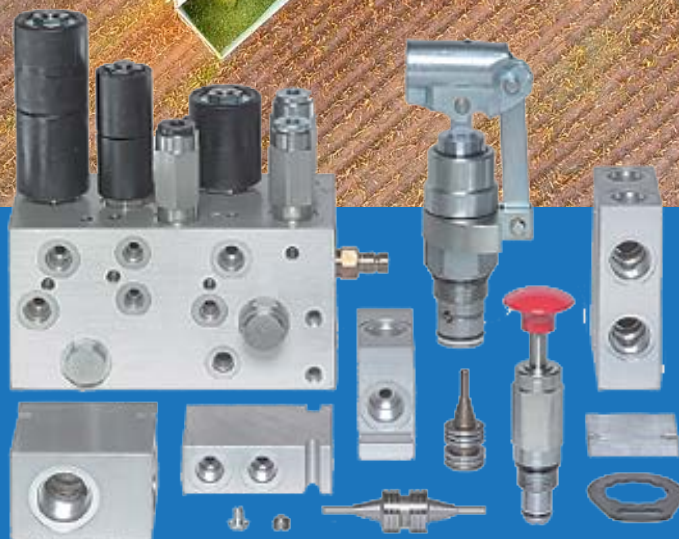
VALCO VC5

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



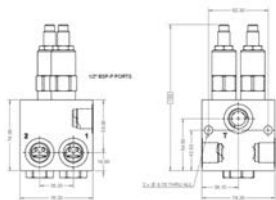
OP110

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

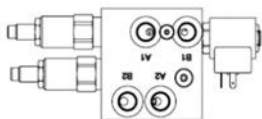
210 bar (3000 psi)
 Port size - 1/2" bspp

QUICK HITCH VALVES



OP137

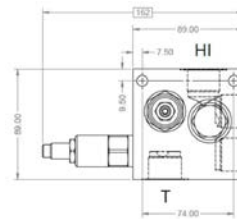
350 bar (5000 psi)
 Port Size - 9/16"unf
 Gauge Port - 1/4"bspp



OP140

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

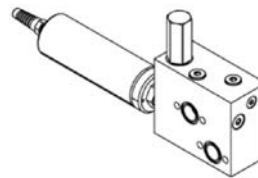
HI-LOW PUMP VALVES



OP128

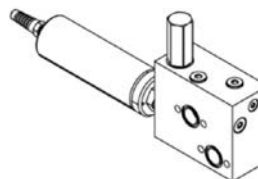
210 bar (3000 psi)
 Port size - 3/4" bspp
 Cartridges – HydraForce

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



OP700

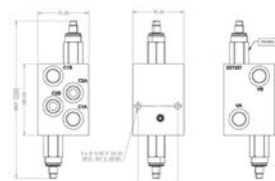
210 bar (3000 psi)
 60 lpm
 Port Sizes - 1/2"bspp
 Flow control timing - 7 seconds



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 (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 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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OILPATH
VALVE & MANIFOLD MANUFACTURING

OILPATH.COM.AU
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**CALL US TODAY
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