



**MacScott Bond Ltd.**  
**Loanhead**

**Fluid Power Engineers**

**0131 448 2950**

**[enquiries@macscott.com](mailto:enquiries@macscott.com)**



# MacScott Bond Ltd.

As part of the MacTaggart Scott Group, MacScott Bond Ltd was formed in 1975 to build on the hard won reputation and expertise in fluid power applications for the marine defence sector, but to operate principally in other market sectors.

We have access to the vast knowledge and experience within MacTaggart Scott, associated with their over 100 years of excellence. MacScott Bond Ltd has successfully completed many prestigious projects in the civil, marine, offshore, mining and industrial sectors.

The Loanhead Division, certified to ISO9001: 2008 and OHSAS 18001:2007, has a full design, manufacture, installation, service and repair capability for pneumatic, oil or water hydraulic and cooling systems.

In addition we are a stockist, distributor and hirer of a range of pneumatic, motion control and hydraulic components, and are able and happy to advise customers who are unsure of the most appropriate solution for their needs.

Our Aberdeen division has access an extensive range of hydraulic power units and flushing rigs, which are available for hire.

[www.macscottbond.co.uk](http://www.macscottbond.co.uk)

[enquiries@macscott.com](mailto:enquiries@macscott.com)

**0131 448 2950**



# Design and Manufacture

MacScott Bond has a team of dedicated engineers who can bring your projects from an application requirement, through intelligent design, to a bespoke fluid power system that best suits your needs.

Our unique position within the UK market place and our state of the art CAD design in 3D and 2D, using SolidWorks, allows us to design and build fluid power systems to the highest quality.

All of the hydraulic systems are fully designed, tested and, where required, full documentation can be provided from pressure, flow, noise, vibration and stress analysis.



Our team has regularly worked on the following systems;

- Hydraulic Flushing Rigs
- Hydraulic Power Units
- Mobile Hydraulic Power Units
- Test Rig HPUs
- Motor and Pump Assemblies
- Hydraulic Training Rigs
- Mini-Packs
- Modifications

If you have a fluid power application requirement, we would be happy to offer our services. Please call or email us to find out more.

[www.macscottbond.co.uk](http://www.macscottbond.co.uk)

[enquiries@macscott.com](mailto:enquiries@macscott.com)

0131 448 2950

# MacScott Bond Ltd.

## Air Motors

MacScott Bond distributes air motors, ranging from handheld compact motors to 32 horsepower options for Atlas Copco, Globe and SPX Flow.

These can be either radial piston air motors or rotary vane motors and optionally complete with gearboxes depending on the applications.

We hold a large stock of these motors to ensure next day delivery. Our accessories also includes spare parts and pneumatic components such as Filters, Regulators, Lubricators, Mounting Options, Brakes, Control Valves, Pendant and Lever Controls, and Silencers.

Many of our motors are available lubrication free, in stainless steel, & with ATEX certification. Please let us know when this is required.

MacScott Bond also has its own workshop where we can test and repair old air motors. If you have a faulty motor then sending it to us for inspection could be an attractive way of prolonging its working life.



**AIR PREPARATION  
(FRL)**



**GLOBE COMPACT  
ARCHIMEDES  
(0.28kW - 1.4kW)**



**GLOBE COMPACT  
PISTON AIR MOTORS  
(0.11kW - 0.36kW)**



**GLOBE VANE  
MOTORS  
(0.24kW - 9.5kW)**



**ATLAS COPCO LZB  
VANE MOTORS  
(0.1kW - 2.8kW)**



**ATLAS COPCO LZL  
VANE MOTORS  
(1.05kW - 6.5kW)**



**GLOBE PFG SERIES  
(GEARED) MOTORS  
(0.44kW - 2.1kW)**



**SPX RADIAL  
PISTON MOTORS  
(1.7kW - 23kW)**

[www.macscottbond.co.uk](http://www.macscottbond.co.uk)

[enquiries@macscott.com](mailto:enquiries@macscott.com)

0131 448 2950



# MacScott Bond Ltd.

## Pneumatic Equipment

As part of our pneumatic supply, MacScott Bond offers a wide range of Air Preparation equipment.

The includes but is not limited to;

- Filters
- Regulators
- Lubricators
- Combination FRLs
- & a variety of Valves.

These units are available in Stainless Steel and with ATEX certification.

If you have bought an air motor from us we can also offer a suitable FRL set to match your application.



**COMBINATION  
UNITS**



**FILTERS**



**REGULATORS**



**LUBRICATORS**



**SILENCERS**



**VALVES**

[www.macscottbond.co.uk](http://www.macscottbond.co.uk)

[enquiries@macscott.com](mailto:enquiries@macscott.com)

0131 448 2950

# MacScott Bond Ltd.

## Gearboxes



**HIGH TECH LINE**



**PLANETARY**



**STANDARD LINE**



**GSM - INDUSTRIAL  
HEAVY DUTY**



**VIS EXPLOSION  
PROOF BRAKES**



**MECHANICAL  
VARIATORS**

MacScott Bond are pleased to offer a wide range of gearboxes.

These transmission systems are ideally suited to work with all of MacScott Bond's range of air motors. They can also be used in applications using electric, DC, brake, hydraulic single phase and flame proof motors.

ATEX rated versions are available.

Shafts are available in various forms (e.g. IEC NEMA, hollow, spline and solid shafts).

MacScott Bond can help find the gearbox solution that best fits your application.

[www.macscottbond.co.uk](http://www.macscottbond.co.uk)

[enquiries@macscott.com](mailto:enquiries@macscott.com)

0131 448 2950



# MacScott Bond Ltd.

## Air-Blast Coolers

MacScott Bond is a distributor of AKG air blast coolers; the first choice for oil cooling in hydraulic circuits.

The advantage of selecting the correct cooling solution is the extension of oil life, thus reducing maintenance and oil change frequency.

Constant oil temperature means improved machine precision.

MacScott Bond can offer a wide variety of brazed Air-cooled aluminum coolers for Oil, Air (compressed and charged air) and Water/Glycol mixtures.

Affordable prices and short lead times are just a couple of the advantages AKG standard coolers can offer.



**AKG Line A**  
**Oil to Air Cooling**  
**AC Motor**



**AKG Line CA**  
**Compressed Air**  
**Cooling**



**AKG Line D**  
**Oil to Air Cooling**  
**DC Motor**



**AKG Line H**  
**Oil to Air Cooling**  
**Hydraulic Motor**



**AKG Line T**  
**Oil to Air Cooling**



**AKG Line TL**  
**Oil to Air Cooling**

[www.macscottbond.co.uk](http://www.macscottbond.co.uk)

[enquiries@macscott.com](mailto:enquiries@macscott.com)

0131 448 2950

# MacScott Bond Ltd.

## Atos Electrohydraulics

MacScott Bond offers products manufactured by Atos, which is a leading manufacturer of components & systems in electro-hydraulics; offering a consistent and comprehensive range of fully tested products.

Atos offers one of the most advanced lines of proportional valves which allows similar or better performances in comparison with servovalves whilst maintaining the typical benefits of proportional electrohydraulics: less sensitivity, coarser filtration requirements, intrinsic stability, easier servicing and lower cost.

Atos components conform to international standards (ISO, DIN, SAE, etc.) for dimensions and quality assurance and to European Directives for CE safety requirements.



**CONVENTIONAL  
VALVES**



**CYLINDERS & SERVO  
CYLINDERS**



**PROPORTIONAL  
VALVES**



**VANE & PISTON  
PUMPS**

atos® 

**MORE AVAILABLE  
ON REQUEST**

[www.macscottbond.co.uk](http://www.macscottbond.co.uk)

[enquiries@macscott.com](mailto:enquiries@macscott.com)

0131 448 2950



# MacScott Bond Ltd.

## Hydraulic Cleanliness

MacScott Bond is a distributor for MP Filtri. MP Filtri Group is an Italian owned company which has more than 45 years of experience in the hydraulic filtration market. It develops, manufactures & supplies a range of filtration, power transmission and ancillary products worldwide. MP Filtri pursues an ambitious programme of product customisation to satisfy even the most specific customer requests and handles every phase of the manufacturing & product development process for both standard & special projects.

MP Filtri designs, develops and constructs all of its products, controlling the whole of the production process in its own foundry, its plastic injection press department, its machining workshop, its filter element production lines and its product assembly lines.



**ACCESSORIES**



**BELL HOUSING**



**CONDITION MONITORING**



**FILTERS**



**MOBILE FILTRATION**

[www.macscottbond.co.uk](http://www.macscottbond.co.uk)

[enquiries@macscott.com](mailto:enquiries@macscott.com)

0131 448 2950

# MacScott Bond Ltd.

## Motion Control

For your company and your production lines you can:

- Increase production
- Improve machine efficiency
- Increase operating life of machinery
- Reduce maintenance costs
- Reduce noise pollution
- Reduce machine/product damage
  - Reduce energy costs
  - Improve plant safety

For your products you can:

- Improve performance
- Increase added value
- Improve energy efficiency
- Increase operating life
- Increase operational safety

The products are designed and manufactured to ISO 9001:2000 and are guaranteed to be free from defects in materials or workmanship. The manufacturer will repair or replace any of its products determined to have a defect in materials or workmanship at any time for the life of the product.



**DAMPERS/ FEED CONTROLS**



**DAMPING PLATES**



**INDUSTRIAL GAS SPRINGS**



**INDUSTRIAL SHOCK ABSORBER**



**SAFETY SHOCK ABSORBER**



**ROTARY / PROFILE DAMPERS**

[www.macscottbond.co.uk](http://www.macscottbond.co.uk)

[enquiries@macscott.com](mailto:enquiries@macscott.com)

0131 448 2950



# MacScott Bond Ltd.

## Power Team Hydraulic Tools

MacScott Bond Ltd has recently become a distributor of quality hydraulic tools and equipment.

With equipment built with strict ISO 9001 processes, we can ensure that our customers receive products that can be relied on to carry out applications safely using a wide range of cylinders, hydraulic pumps, jacks, shop presses and pullers.

High force tools and equipment are used wherever a strong, concentrated force is required. For example; construction sites, in power plants, on rail lines, in shipyards, bridge construction, in mining operations and more.

Hydraulic pumps, cylinders, mechanical tools and accessories offer in-plant solutions where heavy lifting, lowering, pulling, pushing, pressing, spreading and holding in position are required. Power Team products can help with the most difficult in-plant maintenance and production jobs.



**CYLINDERS, JACKS & LIFTING EQUIPMENT**



**PRESSES & CLAMPS**



**PULLERS**



**PUMPS**

[www.macscottbond.co.uk](http://www.macscottbond.co.uk)

[enquiries@macscott.com](mailto:enquiries@macscott.com)

0131 448 2950



**Air Blast Coolers**  
**Air Motors**  
**Atos Electrohydraulics**  
**Bespoke Fluid Power Solutions**  
**Gearboxes**  
**Hydraulic Cleanliness**  
**Motion Control**  
**Pneumatic Equipment**  
**Power Team Hydraulic Tools**  
**& More**

**Head Office (Loanhead)**  
Hunter Avenue  
Loanhead  
Midlothian  
EH20 9SW  
Tel: 0131 448 2950  
Fax: 0131 448 2941  
enquiries@macscott.com  
www.macscottbond.co.uk

**Aberdeen Division (Hire)**  
Unit 2, Blackness Centre  
Blackness Road  
Altens Industrial Estate  
Aberdeen  
AB12 3LH  
Tel: 01224 873 113  
Fax: 01224 873 700  
www.macscottbondaberdeen.com