



Topland
General Trading

Topland
Quality & Services

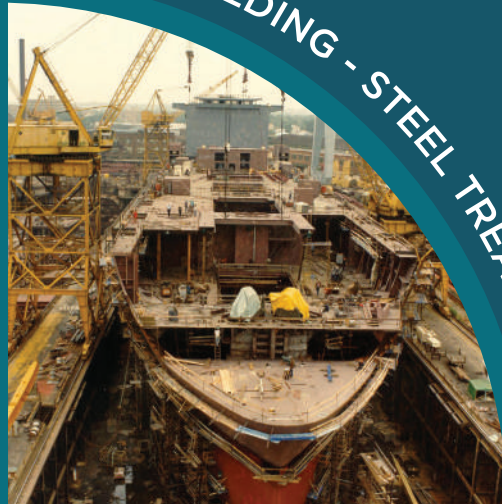
THE RIGHT CHOICE FOR YOUR
BUSINESS GROWTH

MEETING YOUR **INDUSTRY** REQUIREMENTS

OIL & GAS - OFFSHORE & ONSHORE



SHIP BUILDING - STEEL TREATMENT



CONSTRUCTION & RENOVATION



MINING - HYDRAULICS



TOPLAND PROFILE

Topland General Trading and Topland Quality & Services make up the Topland Group.

Topland General Trading not only supports European Suppliers but also offers a complete after service package for the products we represent. Established in 2013, Topland has seen a growing increase in clients across the Middle East region and local representation in a number of Middle East Countries.

Topland specialises in distributing high pressure systems / pumps / fittings / test equipment / generators / control panels and booster sets for well known European brands. With a large portfolio of products, we are able to supply the following Industries:

- Hose Test / Hose Manufactures
- Ship Building / Ship repair
- Aircraft Maintenance
- Automotive Industry
- Catering Industry
- Manufacturing
- Construction
- Oil & Gas
- Cement works
- Sugar Refineries
- Steel Making
- Marble Industry
- Mining
- Dental / Medical

Topland's main focus is on its clients' satisfaction ensuring a 1st Class service from initial contact to after sales



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Aircomp - Stampotecnica

AIRCOMP by STAMPOTECNICA is an Italian company specialized in developing and manufacturing a complete program of pneumatic components. As true manufacturer, we rely on our strong technical background as well as on our deeply rooted know-how and technology.

Having been processing plastic materials for more than forty years, our experience turns out to be our competitive advantage in terms of product quality, design originality and production capacity. Cutting-edge planning methods are used for the realization of our products, so as to be able to guarantee utmost reliability and high performance.

AIRCOMP program is steadily expanding with new solutions so as to fulfill the requirements of a market that considers the feature "Made in Italy" as an outstanding added value. AIRCOMP by STAMPOTECNICA believes in his work and pays utmost attention to Customers' needs, focusing his activity on them.

The steady development of AIRCOMP by STAMPOTECNICA sales network on international markets makes us feel really proud and satisfied, besides spurring us strongly towards future steps.

Passion and enthusiasm go along with each member of AIRCOMP by STAMPOTECNICA's Staff when realizing and promoting innovative pneumatic components, which can compete worldwide thanks to their quality and technical features.

AIRCOMP by STAMPOTECNICA recognizes Excellence as distinctive feature of his own corporate philosophy, and also as essential element for achieving his goals.

Our company is certified according to UNI ISO EN 9001:2008 Standards. ISO certification confirms our engagement in pursuing the set target within a "Total Quality" perspective.

Wind of excellence

Valves and solenoid valves:

Proposing a comprehensive range of 1/8 and 1/4 valves with technopolymer body featuring pneumatic, manual and mechanical actuation as well as solenoid valves both for single use and manifold assembling. As alternative, metal body valves 1/8 and 1/4 are available. Besides traditional valves, we offer products of latest generation such as Multipole Valve Islands Line 150 and Line 160 which combine easy and flexible assembling with the advantages of multipole connection.



Air preparation units (FRL units):

Including Microregulators 1/8 and 1/4, and modular Lines from 1/4 up to 1" along with relevant accessories.

All our modular Lines offer the option to add accessory modules, such as manual and electrical shut-off valves, or slow-start valves, which are more and more required when developing pneumatic equipment of latest generation.

Cylinders:

A wide range of cylinders complying with ISO 15552 and ISO 6432 Standards. Our ISO 15552 are distinguished by their technopolymer end-caps, which are suitable for business fields having specific requirements. Besides this, a new ISO 1552 Line fully in metal is now available.



Fittings:

Plastic push-in fittings, speed controllers along with traditional metal fittings complete our products package.

Blanke - Brief description

Blanke Armaturen is a traditional family owned German manufacture since 1887 of:

- compression fittings DIN 2353
- pipe clamps DIN 3015
- ball valves
- lubrication and oil control accessories

All these products are produced in steel, stainless steel (AISI 316Ti) and brass.
The head office of the company is located in Bonn Bad Godesberg, Germany.



Production technology

- Forged and pressed or formed parts in all materials.
- Special machines for stainless steel Aisi-316-ti (1.4571).
- Transfer-machines for elbow and T-types for big quantities.
- Fully-automated production machines (without workers).
- Multi-spindle machines till 55 hexagon or 67fJ.
- Mono-spindle machines.
- Special small series and prototype production machines.



Quadri Elettrici di Comando Pompe e Motori Control Panels for Pumps & Motors

Per acque chiare (pompe sommerse e di superfide)
For clean water (borehole and surface pumps)



Per acque reflue (Pompe sommergibili)
For waste water (drainage pumps)



Per gruppi antincendio e pressurizzazione
For the fighting units and booster sets



Per gruppi elettrogeni ATS-AMF
For generators sets ATS-AMF



Realizzati su specifica del cliente
Made under specification



Gruppi Antincendio e di Pressurizzazione Fire fighting Systems & Booster Sets

Gruppi Antincendio secondo UNI EN 12845-UNI 10779
Fire Fighting Units under European Standard EN12845



Cisterne Antincendio secondo UNI12845-UNI 10779
UNI11292 Fire Fighting Systems under European Standard EN 12845



Cisterne Antincendio Secondo UNI EN 12845-UNI10779
Fire Fighting Turnkey Systems under European Standard EN12845



Sistemi di pompaggio acqua uso civile ed industriale
Water Booster Sets for domestic and industrial use



Motopompe Diesel per uso agricolo-irrigazione
Diesel motor pumps for agricultural use - irrigation

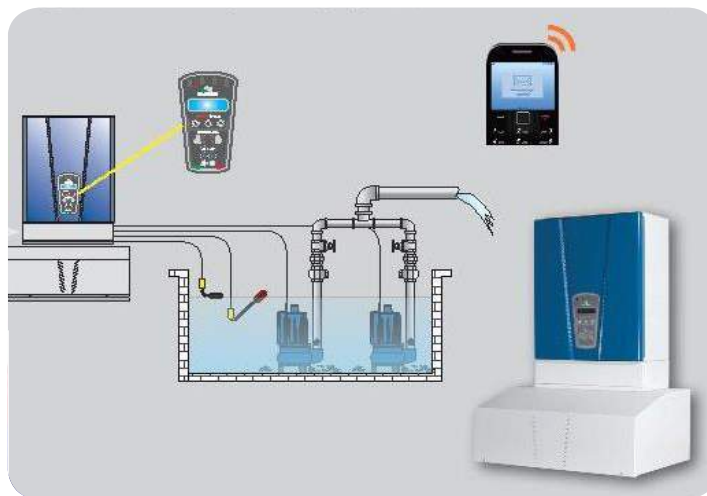


Gruppi Elettrogeni e Sistemi Anti Black-Out Gen Sets & Back-up Systems

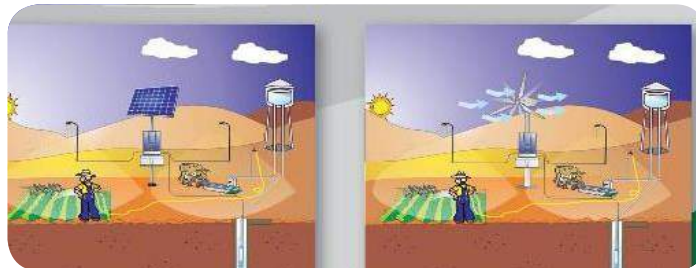
Gruppi Elettrogeni - kVA 1 650
Generator Sets - kVA 1 650



Sistemi anti Black-Out monofase a batterie con GSM-kVA0,6 - 5,1
Single-Phase battery Back-up Systems with GSM-kVA 0,6 - 5,1



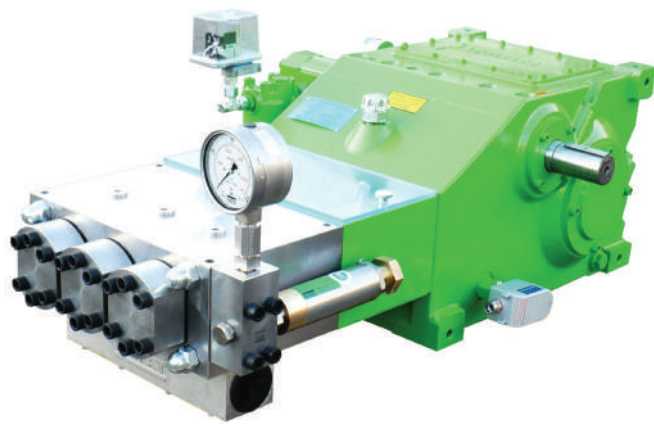
Produzione di energia "stand-alone" - kVA 0,6 - 5,1
Stand-alone energy production - kVA 0,6 - 5,1





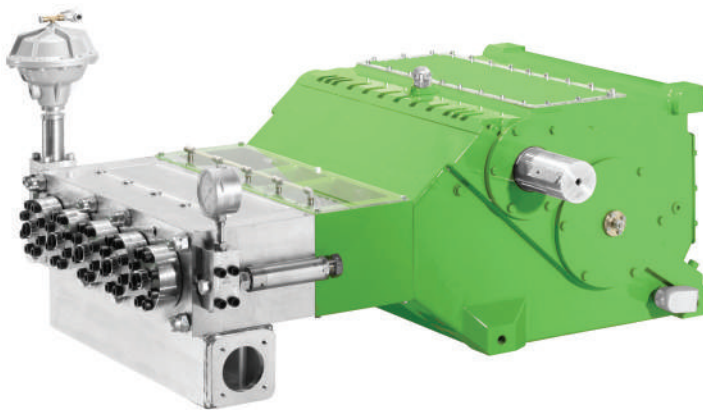
High pressure plunger pumps and pump systems

KAMAT produces high pressure plunger pumps, with operating pressures of up to 3,500 bar, for the most demanding industrial applications. Our pumps excel through their small dimensions, as well as high modularity that makes special designs and single piece production possible



According to the individual demands of our customers, we also assemble complete pump systems, for which we combine the plunger pumps with various other components, such as control technology and project-related software applications.

Furthermore, you will find excellent pump accessories in the KAMAT range of products. For example high pressure valves that harmonise perfectly with KAMAT pumps for trouble-free continuous operation. These are developed and manufactured by our own engineers for seamless integration. Also, we offer high pressure guns and rotating nozzles. Highly effective water tools for high pressure cleaning of a wide variety of surfaces.



High pressure pumps - Plunger pumps

KAMAT plunger pumps with integrated transmissions, are the heart of any KAMAT high pressure system. With minimum space requirements it ensures continuous high pressure and maximum reliability. While achieving efficiency of over 90 percent, energy is utilised to the fullest. Further advantages of KAMAT high pressure pumps:

- Modular construction makes special designs and single piece production possible.
- Simple operation and maintenance with customer friendly service.
- Reliable gearboxes with high lubrication security.
- Compliance with electrical & mechanical international standards like eg ATEX, API 674
- Easy maintenance

KAMAT offers suitable pumps & systems for any demand. Input power range from 15kW and reaches up to 8.8 MW Operating pressure can be chosen from between 0 to 3,500 bar. The spectrum of usable fluids range from high viscous, watery or loaded with solids to very hot or very cold.

TYPE	FLOW max. l/min	PRESSURE p max. bar	POWER max. kw
K 100A	6.8	2000	15
K 4500	232	2100	45
K 8000	283	2950	75
K 9000	283	3100	90
K 10000 - 3G	449	3500	130
K 11000 - 3G	454	1500	110
K 13000 - 3G	496	1500	130
K 16000 - 3G	522	1500	160
K 20000 - 3G	957	2800	200
K 25000 - 3G	1148	3200	250
K 35000 - 3G	1310	3500	350
K 40000 - 3G	1310	3500	530
K 50000 - 5G	1913	3500	550
K 80000 -5G	3482	3500	800

MA 10VO/VSO Pumps

The Metaris MA 10VO Open Loop Piston Pump has proven to be the pump of choice. Rear and side ported, thru drive auxiliary mounting flange and a large selection of flow and pressure controls makes this pump a strong, versatile alternative in both industrial and mobile applications. Low noise levels, excellent control repeatability, short response times and pressure ratings up to 4000 psi are just a few of the performance characteristics this pump has to offer. Controllers available: Pressure, Pressure/Flow, Pressure/Flow/Power.



Gear Pumps & Motors

Metaris MHP/M Gear Pumps & Motors have the durability and reliability of this time tested design. Metaris has combined this technology with modern manufacturing processes making the metaris Gear Unit high quality and dependable products.

Metaris Bearing Pumps & Motors are available in 10 models with a variety of mounting flanges, shaft configurations & porting options. Multi-section units, piggyback designs, dowedled assemblies and flow dividers are all available.

Metaris Bushing Pumps & Motors are available in 4 models with many of the same available options as Metaris Bearing Pumps. With ductile iron housings, the pump offers pressure ratings as high as 3500 psi for the most demanding of applications.



Industrial and Mobile Vane Pumps

Industrial and Mobile Vane Pumps

MV Series intra-vane design pumps are the workhorse in industrial applications. The 12 vane design, with noise ratings as low as 62 dB(A) makes this the ideal pump for the confined spaces of the industrial workplace. The Metaris MV pumps offer high volumetric efficiencies, pressures to 3000 psi and time proven reliability.

MVQ Series intra-vane pumps for the mobile market are unmatched in reliability and service. The 10 vane design offers the capability of speeds and pressures required for the mobile environment.

The MV & MVQ Series are available with the Thru-drive capability



MH6 / MH8 Standard Duty PTO

The Metaris 6 & 8 Bolt Standard Duty PTO is built to last. Cast iron construction, heavy duty output bearings & oversized assembly bolts provides durability and reliability. With several mounting flange and shifter options, Metaris offers versatility and ease of installation.



MP Filtri UK Ltd

Important things to know about solid contaminants

Important things to know about solid contaminants

MP Filtri UK answers some commonly asked questions surrounding solid contaminants and how to keep your hydraulic fluid as clean and efficient as possible. Six routines must be followed in order to minimize the chances of your hydraulic equipment suffering costly, premature component failures and unscheduled downtime

- Maintain fluid cleanliness; ISO 4406 /NAS 1638/AS4095 Revision E
- Maintain hydraulic system settings to manufacturers' specifications; eg ISO/NAS/AS4905 cleanliness for components , pressures and operational criteria
- Conduct proactive analysis. Regular monitoring, replacement of filter elements, daily and/ or weekly Inspection.



How clean is clean?

What can be said is that the decision to control contamination is normally based on the sensitivity of the components within the process (e.g. servo valves and actuators). One of the main things which is overlooked in the industry, is scale of cleanliness we are trying to control and measure. This is important to consider as it may change the way you choose to use your data to get a more realistic picture of system conditions over time. To eliminate all contaminants below a certain size is extremely difficult when you consider all the possible sources of contamination surrounding the system

What are the predominant types of contamination in my hydraulic system?

This can vary considerably depending on the type of system and installation, but below are some typical types of contamination. By looking at the certain types, conclusions can often be drawn as to where the contaminant may be entering the system. Steps can then be taken to reduce the effects of such a contaminant...

Metallic-both ferrous and non-ferrous, Silica (dirt, dust), Silt, Filter fibres, Bacteria colonies, Water.

What effect does particulate contamination have on my system?

Contamination can induce excessive stress on system components such as pumps and valves as well as potentially clogging orifices, nozzles, and jets. One of the main areas of degradation is the formation of oxygenated & heavy polymeric compounds. These compounds are often insoluble and settle out of the fluid as a gel or sludge. The creation of such compounds is accelerated in the presence of water and metal and therefore care should be taken to remove these types of contaminant from your oil. Typically when a fluid is contaminated its viscosity can vary, leading to higher than normal friction and subsequent temperature increases and loss of lubricity. This can reduce system efficiency, wear components and effect compression rates. In extreme cases, contamination can lead to catastrophic failure.

Below is a list with common complaints' associated un-suitable fluid condition:

- Mechanical wear, Clogging of nozzles and orifices and valves.
- Loss of protective coatings on components.
- Increased operating temperatures
- Change in fluid compressibility and Corrosion.



What factors can effect particle distribution & concentration within my system?

As a system operates, contamination is generated and needs to be controlled. It is physically impossible to achieve 100 per cent efficiency in any given system. Some particles will always get through filtration. This is one source of variation. More often than not it is assumed that downstream of any filtering and purification the fluid is 'clean' however this may not be the case. As in most hydraulic systems, construction is mainly metal or elastomer/textile based. Over time, and in reaction to changing fluid conditions such as temperature, pressure and chemical decomposition, these materials can become susceptible to corrosion and leach out contaminants into the system. Homogeneity plays a significant part in accurately assessing contamination in a system. A homogenous solution is uniform in its composition and particles are evenly distributed within it. It is fair to conclude that the majority of real world systems are heterogeneous (unevenly composed) and therefore when taking measurements this must be considered as a significant variable between tests. Factors including but not exclusive to viscosity, temperature, electrical conductivity, surface tension can contribute negatively to the overall quality of your fluid

Resato High Pressure Technology

Resato, your universal supplier of high pressure system and components; The Oil & Gas sector is getting more and more advanced. Oil and gas are harder to reach and equipment has to be up to higher standards. Safety, accuracy and reliability have become mandatory features. Resato is one of the few suppliers of oil and gas equipment worldwide that offers in-house development and production of system based on own high pressure pumps, boosters and components. Combined with the expertise and experience. Resato is a true one stop shop.



Sharing Expertise

To develop products in the oil and gas industry means you have to be an expert and understand the environment in which the products are used. During continuous oil and gas production operations, reliable testing, wellhead control, and chemical injection systems are absolutely crucial.



By listening closely to our clients for over 30 years, Resato understands the oil & gas sector and offers a high standard of equipment designed for an oil & gas field environment, meeting the latest technical specifications with a sharp eye on environmental & personal safety. Over the years Resato's test, control and injection systems have become well known throughout the world for their reliability and longevity, supreme ease of maintenance and ready availability of spare parts. Resato works hard to offer solutions that meet or exceed your expectations. We aim to be a true partner

Testing

Safety, uptime and costs of defects are more and more important subjects. Accurate and safe testing of your tools and equipment is critical for success. Choosing the right test equipment is a challenging task. We have extensive knowledge on objects, materials, volumes and pressures, assisting you in making the right decision for your testing environments.

Controlling

During service operations the contractor is often responsible for the safety of the well. High quality control systems are vital for these jobs. We understand that there is no room for errors during these service jobs and are able to analyse both functional and safety criteria, to create a control system that meets your highest standards.



Injection

Chemical injection is often used to activate or boost the performance of a well, to prevent corrosion, water columns or hydrate formation. These systems are often placed in hazardous environments. With world wide experience in both injection and pressure, Resato is the right partner to deliver a safe, reliable and effective injection system.





About Stauff

More than 5 decades of experience, highly motivated and qualified staff, state-of-the-art manufacturing technologies and a foresighted management give us the reputation of being a competitive partner.



Our in-house laboratories carry out constant tests in line with international standards on all products. Certified in accordance with ISO 9001:2008 (Quality), ISO 14001:2004 (Environmental Protection) and OHSAS 18001:2007 (Occupational Health and Safety) our management system continually strives for perfection.

Our well-stocked warehouses and flexible production lines ensure prompt reactions and short delivery times.

Represented by a tight network of distributors and wholly-owned manufacturing facilities, distribution bases and warehouses in 18 countries worldwide, we are also close to you.

Our subsidiaries also supply additional retail products related to the hydraulics industry, thereby offering a near-complete range of industry-specific key products.

Local solutions for individual customers worldwide

That's Stauff

Originating and located in Werdohl in the German Sauerland region, we have become an internationally leading developer, manufacturer and supplier of pipe work equipment and hydraulic components under the brand name Stauff.

Our product range includes:

- Stauff clamps
- Stauff test
- Filtration technology
- Diagtronics
- Hydraulic accessories
- Valves
- Flanges
- System technology
- Process products





STIKO founded in 1963 manufactures pressure, temperature and calibration instruments. A loyal and motivated team of approximately 50 people is one of the guaranteeing factors that our quality instruments are exported to over 50 countries around the globe.

Our products can be found in:

- The chemical and petrochemical industry
- The on and offshore industry
- The oil and gas industry
- The shipping industry
- The food and dairy industry
- The pharmaceutical industry



Certificates:

- Lloyds type approval
- ATEX certified products (pressure & temperature gauges, chart recorders and contact gauges)
- IEC-ex certified products (pressure & temperature gauges, chart recorders and contact gauges)
- ISO 9001:2008





Our Product range:

- Pressure gauges from 4 mbar – 7000 bar(100.000 psi!!)
- Pressure gauges with chemical seal also available in exotic materials
- Differential pressure gauges up to 400 bar max. static pressure also available with chemical seals
- Self-powered tanklevel gauges
- Contact pressure and temperature gauges
- Subsea Gauges, case machined from bar-stock material, down to 4000 metres depth
- Circular chart recorders for temperature from -200 /+600°C (-328 /+1100°F) and pressure from 1,6 – 4000 bar (60.000 PSI)
- Comparison test pumps upto 7000 bar(100.000 PSI)
- Deadweight testers (hydraulic and gas driven) for pressure and differential pressure
- Have a accuracies up to 0,008% of reading
- Gas filled thermometers from -200/+800 °C(-328/+1472°F)
- Thermowells, welded or barstock, also in exotic materials

Specialties:

All our products can be provided with private labelling with any logo in any colour.
Further more each product is made to Customers specifications.



High efficiency, maximum uptime and easy installation



The low cost of ownership with Volvo Penta diesel power comes from high efficiency engines that offer exceptional reliability for maximum uptime. Easy installation and worldwide support are also reasons why world leading generator set and industrial equipment manufacturers choose Volvo Penta.

Keep your engine running

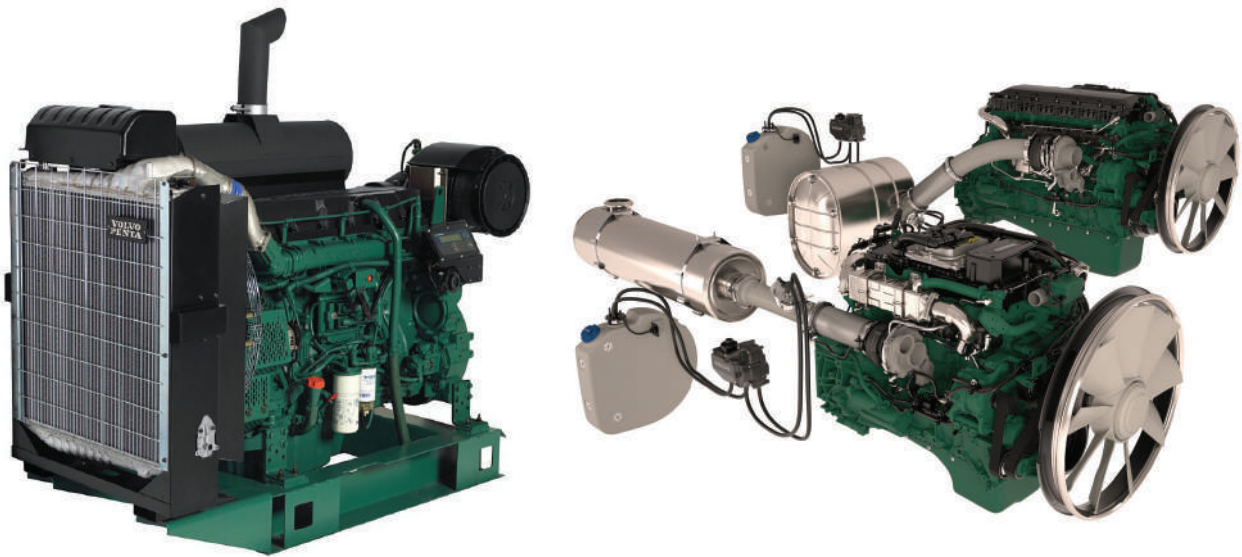
High quality with built-in reliability keeps the power production running. Volvo Penta engines are designed for the most demanding commercial operations thinkable: powering various industrial applications, all types of vessels at sea and of course gen sets. When you add long service intervals, quick service and low oil volume - you have a winning equation.

Everything Off-road

Everything Off-road

Volvo Penta has over 100 years of working with equipment manufacturers and users of off road machinery and equipment across almost every application: from road building, landscaping, open-cast mining and quarrying, to port handling equipment and building construction.

Technical quality, reliability and worldwide support are major reasons why builders of equipment choose Volvo Penta as a prime mover. As a part of the Volvo Group, one of world's largest diesel engine manufacturers, Volvo Penta has extensive resources for production and continuous development of industrial and marine power systems. Volvo Penta engines keep your operation running



Manufacturers of hydraulic components and test equipment for mobile, industrial and agricultural machinery.

Hydraulic control valves

Flow, pressure & directional control valves for end-users as well as OEM mobile machinery applications with your choice of thread and port size, made to order and fully tested to standard or custom specifications. Replacement Webster gear pumps, Milwaukee cylinders, Teledyne valves



Flow condition monitoring

Visual condition monitoring of flow and temperature with optional feedback to PLC or visual/audible alarms, often used on hydraulic lubrication or cooling systems. Prevents costly failures as circuits can be switched off at the earliest indication of a problem.

Diagnostic test equipment

Ideal for hydraulic fault-finding and reporting, used by mobile machinery dealers & service technicians worldwide. The equipment often pays for itself the second time it is used through a reduction in <warranty claims>, only replacing faulty parts and a reduction in machine downtime.



Test stand Instrumentation

Complete test stand instrumentation solutions to produce a test certificate quickly and easily. Ideal when verifying repaired hydraulic pumps, motors or valves against a traceable standard or high-speed data-logging for research and development.

Spares, Repairs & Calibration

Repair and recalibration facilities for flow, pressure and temperature instrumentation as well as spares for all Webtec manufactured products.



Topland Quality and Services LLC :



“One stop shop for all your needs of Service and Calibration”

Our Permanent Labs Feature:

- Environmentally controlled facilities to ensure high quality and accurate measurements and calibrations
- Professionally trained technician in mechanical and electronic calibration
- Service by all major carriers, with our own pick-up and delivery in local areas

What do we calibrate?

Pressure Calibration Service (Vacuum Transmitter Calibration, Pressure Gauge Calibration, Pressure Transmitter Calibration, Dead Weight Tester Calibration, Pressure Transducer Calibration, Vacuum Gages Calibration, Rupture Tester Calibration, Pressure Calibrator Calibration, Pressure Sensor Calibration, Absolute Pressure Calibration, Magnahelic Gage Calibration, Pressure Meter Calibration)

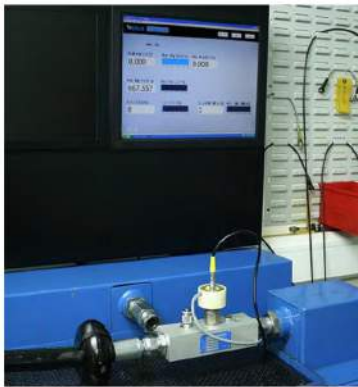
Temperature Calibration Service (Temperature Indicator Calibration, Thermocouples Calibration, Dial Thermometer Calibration)

Service:

We, Topland Quality and Services LLC, offer the highest level of service for all high pressure systems and components. Due to minimal downtime we can guarantee the optimum use of your equipment and a fast and high quality service.

Webtec Service and Calibration Center

Topland quality and services operate and run the only fully authorized Service and Calibration Center for Webtec outside of their own facilities in the UK and the USA, the first of its kind in the World and serves customers from across the Gulf and further afield.



All Topland engineers are trained to the same exacting standards by the Webtec service center in the UK and provide the same level of service, using the same tools, the same custom designed test bench and calibration system and can provide fully traceable certification

Topland has the facilities to repair 80% of all Webtec hydraulic test equipment and has in-house calibration facilities using hydraulic oil for flows between 1 and 800 lpm and for pressures up to 1000 bar and calibrates all equipment against known references, that are themselves calibrated annually.

Contact Details

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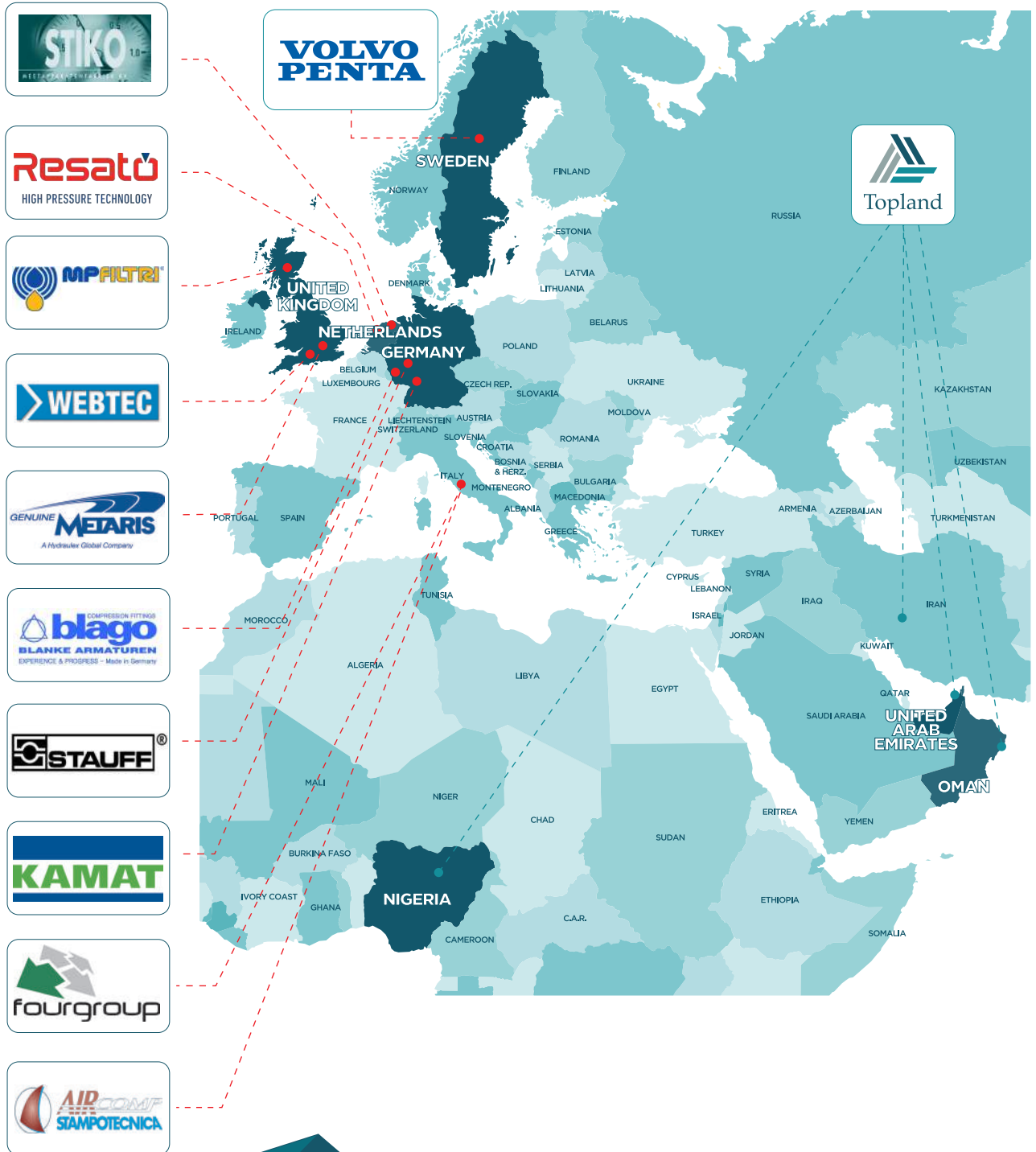
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