



Customised Flanges and Pipe Fittings



Manufacturer of customised flanges & fittings, supplier of complete pipeline packages globally



# Company Overview

Delivering engineering excellence with market-leading turnaround times



Customised Flanges and Pipe Fittings

Alexander Comley was established in 1920 and subsequently became one of the pioneers of stainless steel manufacturing. Today we are a leading British-based company, exporting globally. We specialise in the manufacture of customised, high integrity flanges and pipe fittings in stainless steel, duplex and high-nickel alloys.

Our on-going success is based on a combination of three vital factors: a continuous programme of investment in the latest machining technology; a highly-skilled workforce; and a thorough understanding of the requirements of the oil and gas, defence and marine, petrochemical, power generation, and process plant industries.

By bringing these together, we can deliver products of the highest quality within short time frames – a significant advantage for our customers.

Whilst customised manufacturing services are the focus of our business, we appreciate that for many customers off-the-shelf solutions tick all the boxes. We therefore also carry stocks of standard products and hold steel bar in stock for cutting to size, as part of our packaged solutions.

## How We Can Help You

You can rely on us at Alexander Comley to provide the solutions you require. We have almost 100 years of expertise and can provide hard-to-source non-standard products to meet your specifications.

We can manufacture in-house to 2,000 mm diameter, and through our large network of suppliers, we know where to source specifications we cannot manufacture ourselves.

We have modern high quality machinery, together with a very experienced workforce, to ensure a high quality output, delivered to your timescales.

Alexander Comley Limited's mission is to make, distribute and sell the highest quality products to the oil and gas, defence and marine, petrochemical, power generation, and process plant industries, whilst at the same time promoting business practices

that respect the environment we live in. We aim to provide work environments where our employees can meet their potential and thrive in an atmosphere of excellence. We strive to exceed industry standards of service to customers, aware that we succeed because our customers succeed. We aim to support our customers by providing superior products at exceptional value for money, helping them gain a competitive advantage in their markets.



# Alexander Comley at a glance



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- Established for almost 100 years as a world-wide, pipeline package supplier
- Special requirements met eg Norsok, NACE, MR1075 and API
- Materials include stainless steels, duplex, super duplex, nickel & mixed alloys, carbon steels and low alloys
- Heat Exchanger Tube sheet/plate manufacturer – bespoke work to client specific, technical drawings
- Filter plate manufacturer – bespoke work to client specific, technical drawings
- Large diameter and subsea flanges to B16.36, B16.47, API 590, API 6A
- Flanges to ASME B16.5 2009, BSEN 1092-1:2007, BS10:1962
- Seamless and welded pipes to ANSI/ASME B36.19/B36.10
- Seamless and welded tubes to ASTM/ASME SA213, SA269, SA249
- Butt weld fittings to ASME B16.9
- Petrochemical fasteners
- Range of standard and semi-finished products as well as bespoke services
- Additional testing requirements met: eg MPI, UT & 3.2 certification
- Plate materials: Boiler, Pressure Vessel & Chrome Moly steels, Stainless steel and Nickel Alloys, Offshore and Structural Plate
- Established Quality, Health & Safety, Environmental and Social policies
- Engineering excellence
- Dedicated Quality Department
- Short turn-around times
- On-going investment in latest technologies
- Achilles FPAL registered – Supplier number: 10052931
- Achilles Power & Tech registered – Supplier number: 102425
- ISO 9001:2008 approved – Certificate number: FM53634



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A close-up photograph of industrial machinery, specifically large metal flanges and pipes. The flanges are circular with multiple bolt holes around the perimeter. The pipes are cylindrical and connected to the flanges. The scene is brightly lit, suggesting an outdoor or well-lit industrial environment.

## Customised Products

We manufacture products to order to your specifications. Whatever you want, we will find a solution for you.

A key focus of our business is the manufacture of customised flanges and special machined products. We work from customer drawings, and can, in some instances, offer a reverse engineering facility.

In addition to our customised services, we can also supply standard products in hard-to-source materials.

### Customised Flanges

Customised or bespoke flanges can be machined from customers' drawings to any special requirements that are needed. We also have a Delcam software facility for CAD reading. These CAD drawings can then be used to programme and set our CNC machinery. Without this facility, many extra hours would be needed for programming and set up. The end result for our customers – faster machining and lower prices for this kind of special work.

### Butt Weld Fittings

Butt Weld Fittings are regularly supplied to global customers either as stand-alone orders or as part of our packaged solutions. We can press on-site and manufacture to customers' specifications, in hard-to-source materials, as well as to standard specifications.

## Tube Plate/Sheets

Alexander Comley is highly experienced in the manufacture of tube plates/sheets. These are manufactured in-house up to 2,000 mm diameter on our Doosan VTS1620M, a state-of-the-art vertical machining centre with live tooling

Tube plates are commonly used in heat exchanger applications. Each plate is spot drilled many times across the face of the flange to accommodate tubes and may also be drilled and tapped too.

With our in-house Delcam FeatureCam CAD reading facility, we are able to programme directly from customers' drawings for these items.

## Pipe & Plate

Although Alexander Comley does not manufacture Pipe and Plate in-house, we can and regularly do supply them as part of our packaged solutions either at lengths particularly up to 6 metres or cut to size.

### Seamless and Welded Pipes

Pipes are normally manufactured in either seamless or welded form.

Seamless pipes are made from extruded billets and are then formed into nominal bore sizes with the various schedule wall thicknesses to suit.

Welded pipes are manufactured from strip or plates. These are rolled into shape and then welded into cylindrical form of nominal bore sizes with their various schedule wall thicknesses to suit.

### Seamless and Welded Tubes

Tubes are available in either seamless or welded forms and are manufactured in much the same way as pipes. The main difference is that whereas pipe is manufactured to nominal bore sizes, tube is manufactured to various metric and imperial outside diameter sizes.

### Plate

Plate is available to customer specifications as directed. Be the application requirements for offshore, structural, stainless steel(s), nickel alloy(s), chrome moly steel(s), boiler or pressure vessel, plate can be supplied to meet both the technical specifications and dimensions as required.

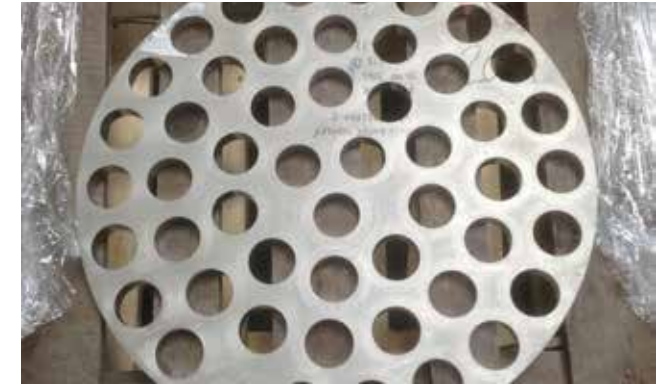


# Packaged Solutions

You can rely on us at Alexander Comley to provide the Packaged Solutions you require. We have almost 100 years of expertise and can provide hard-to-source non-standard products to meet your individual specifications.

We can manufacture in-house to 2,000 mm diameter, and through our large network of suppliers, we know where to source specifications we cannot manufacture ourselves.

We have modern high quality machinery, together with a very experienced workforce, to ensure a high quality output, delivered to your timescales.



Projects carried out include:

## Project: Ichthys LNG Project, Australia

The Ichthys Field in the Browse Basin offshore Western Australia first demonstrated its potential to be a world-class gas project in 2000. The field was named after the classical Greek word for "fish". Most likely resource estimates are 12.8 trillion cubic feet of gas and 527 million barrels of condensate to be produced over an operational life of more than 40 years.

Operator: INPEX

Supply: Alexander Comley supplied a package of 904L and duplex tube plate.

## Project: Sadhara Project, Kingdom Saudi Arabia

The Sadara project is world scale chemical project being constructed in Jubail Industrial City in Saudi Arabia. Construction work on the project has already started and is scheduled to be completed by early 2015.

Operator: JV: Saudi Arabian Oil Company (Saudi Aramco) and The Dow Chemical Company

Supply: Alexander Comley supplied a full package of Alloy 20 flanges and fittings

## Project: Bonga Deepwater Project, Nigeria

Bonga is the first deepwater project for the Shell Nigeria Exploration and Production Company (SNEPCO) and for Nigeria. Bonga lies 120km southwest of the Niger Delta, in a water depth of over 1,000m.

Operator: Shell Nigeria Exploration & Production Co (SNEPCO)

Supply: Alexander Comley supplied a package of Inconel 625 tube, special (to drawing) nipples alongside additional plate & flanges.

# Manufacturing

Alexander Comley manufactures to the very highest standards. Engineering excellence underpins all of our activities, as does a total commitment to customer satisfaction and fast turn-around. Whether you want a production run of several hundred or are looking for a specialised one-off item, we are here to meet your requirements.

## Manufacturing capability includes:

- Modern CNC machines
- State-of-the-art Machining centres
- Saws
- Presses
- Borers
- Manual lathes
- Radial and other drills

## Our commitment to quality is total throughout all of our processes.

High quality output is a minimum requirement in our industry. We expect to exceed these standards on a daily basis. As well as being ISO 9001:2008 registered and compliant, we have nearly 100 years of successful trading experience, and you can rely on us. We have a dedicated Quality Assurance Department and support all material supplied with fully traceable certification. We can also arrange for outside inspection and supplementary tests if required.

As a company, the directors have over one hundred years industry experience. We set ourselves high standards, which we expect to meet and exceed. We have in place Quality, Health & Safety, Environmental and Social policies. Customers and potential customers are welcome to visit us at any time.



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