

## Sub-Contract Machining



# sub-contract machining...

## The Clarke Chapman Manufacturing Solution...



*Experienced workforce*

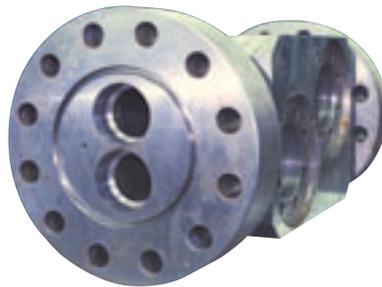


*Final inspection of crane winch drum – steel industry*

a quality product at a competitive price...

That's the simple philosophy at the heart of the new Clarke Chapman. It's a philosophy that's appreciated by an ever-growing number of local and national companies across the whole industry spectrum; from nuclear and oil & gas to defence and marine, from power generation to general engineering.

What our customers appreciate just



as much as our commitment to manufacturing excellence is the way our team becomes part of their team. Our machine shops are not just amongst the most comprehensive and best-equipped in the business, they're backed by a responsive team committed to seeing each project through from it's inception to delivery of the finished product, maintaining vital contact with the customer at every stage in the process.



## Outstanding capability...

Built on the site of the old Clarke Chapman works, the machine shop at Gateshead is a modern building with good height and lifting capacity. The range of machines large and small is extensive; many of which are CNC controlled. We also have



*Vertical boring*



*Diversity of machining undertaken*



*New machine shop at Gateshead*



Line boring a winch frame fabrication



Machining of a crane pedestal fabrication – offshore industry



additional resources we can draw upon within the Langley Holdings group that Clarke Chapman is now part of. The Jenkins facility in Retford offers light/medium machining capacity and the Newell Dunford works near Gainsborough offers vertical boring capacity up to 6m diameter and is able to turn up to 6m diameter x 30m long on the largest lathe of its kind in the UK. No matter how large or small our customer's requirements, we can cope.



Machining of a diesel engine casting

## QUALITY – The Last reassuring word...

Everything we do at Clarke Chapman conforms to the highest standards. Quality at Clarke Chapman is a way of life - we build equipment that endures some of the harshest environments on earth, so it has to be. Naturally we offer a comprehensive non-destructive programme and our CNC inspection equipment can check to within microns. We are accredited to BS EN ISO 9001.



Inspection of suspension arm for the Defence industry

## E Q U I P M E N T

A brief outline of our key machining capabilities are as follows:

- Noble & Lund Plano-mill  
5100mm table travel x 4260mm between columns x 2100mm under bridge.
- CNC controlled G&L, Kearns & Asquith Horizontal Borers from 1500mm cross travel x 1400mm vertical travel to 4570mm cross travel x 3000mm vertical travel.
- Vertical Borers up to 3720mm swing x 2134mm height under cross beam. One being CNC controlled 1800mm swing x 1150mm under cross beam.
- CNC Vertical Machining Centres up to 2032mm x 1016mm x 860mm.
- Manual Lathes up to 2400mm diameter x 4200mm between centres.
- CNC Lathes up to 640mm diameter x 4000mm between centres.

The control programs for the CNC machines are carried out by experienced production engineers on state of the art CNC programming equipment ensuring accuracy of the part programs produced and efficiency of the production methods employed.



'...State-of-the-art

co-ordinate  
measuring equipment...'

