



CNC Machining Specialists



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CEM enjoys official partner and supplier status with many of the world's most prestigious organisations. Working as part of a team of sub contractors for the **oil, gas, construction** and even **national defence** sectors, we have been audited and approved by various blue chip clients.

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Combining cutting edge machinery with traditional methods, CEM has the talent and the technology to deliver world class parts and components from the heart of West Yorkshire

Established over 30 years ago, CEM has built a reputation for excellence and has developed ongoing and successful relationships with some of the world's leading oil, gas, petrochemical, construction and engineering corporations. At CEM we recognise that offering the very latest engineering techniques is only part of the story.

We introduced a significant research and development programme some years ago to ensure we keep up with our customers' requirements. This move has resulted in the purchase of an evolving and progressive range of specialist engineering machinery specifically configured to provide the precise solutions today's industries require.

We have a commitment to customer service and our proven and comprehensive support and administration services ensure that our clients' needs are met from initial enquiry through to manufacture, delivery and installation.

By adopting a partnership based approach, we have transparent operational systems which outline fast - but always honest - delivery timescales. We have clear channels of communication, project progress tracking and an open and flexible pricing policy.

Oil & Gas (Subsea and Topside)
Power & Energy Generation
Rail Transport
Marine Industry





Partnerships

Providing specialist sub contract machining and manufacturing high quality parts for over 30 years, CEM enjoys a reputation for excellence and has built ongoing and successful relationships with some of the world's leading oil, gas, petrochemical and engineering corporations.

Whether you're looking to source an unexpected and urgently required one-off item or need a regular supply of components at the best possible price, CEM has the resources and manufacturing capacity to deliver.

Committed to the long-term, CEM is more than a manufacturing supplier, we will work closely with you to establish systems that deliver the fastest, most appropriate and cost effective solutions you require.

In addition to our extensive engineering capability, we have a full range of support and administration services to ensure that all our clients needs are met and exceeded from initial enquiry through delivery to post installation.

Sub Contract

CEM has vast experience and capability in specialist sub contract engineering projects. Providing a fully bespoke engineering service, CEM works with clients from the earliest possible point and will undertake project management from the preparation of jigs, turning and milling to finished coatings, inspection and delivery.

Combining impressive capacity with a reputation for engineering know-how second to none, CEM is often contracted to manufacture and supply operational critical parts for industries as diverse as the automotive and nuclear power sectors.

Totally committed to our sub-contract work, CEM has invested in the very latest state-of-the-art CNC machinery and we can turn shafts, rings and blanks in any material up to 770 diameter and 2000 in length. Currently operating 8 CNC lathes as well as 9 CNC milling machines with 5 axis, and with plans and budgets already in place to expand, we are able to handle orders from one-off prototypes to large contracts and meet the tightest of deadlines.

Already providing high level sub-contract machining work to leading companies in the UK, Europe and the world, CEM is quickly becoming the preferred choice for those requiring the very best engineering at competitive prices.

Working in Partnership

Recently contracted to work on a number of cutting-edge construction projects, CEM is one of the leading engineering suppliers of cable anchorage components for suspension style construction.

CEM has supplied safety critical components for sports stadiums, vehicle and footbridges as well as other cutting edge developments. Working in close partnership with our clients, we have ensured the integrity of Wembley, Highbury and Kiev by providing the steel loop that secures the roofs.



Capacity

CNC Turning	External diameters		Internal diameters
	Max Dia.	Max Length	Max Length
Hi Tech 700 x 1	700	2200	1200
Hi Tech 500 x 1	500	2200	1200
Vturn 40 x 2	400	2200	1200
Hi Tech 300 x 2	300	750	-
Vturn 36 x 1	360	750	-
Hi Tech 200 x 1	200	500	-

CNC Vertical Boring	External	
	Max Dia.	Max Length
HNK x 1	1600	1200

CNC Milling	width	length	
	Dahlih x 1	2100	870/760
Dahlih x 1	1450	1000/750	4 axis
Dahlih x 1	1250	600/500	4 axis
Dahlih x 3	1020	500	4 axis
Dahlih x 2	750	500	4 axis

CNC Horizontal Milling	Width	Length	
	Dahlih 800	1000	1000

Lifting Capacity
3 x O/H Cranes - 10 Ton Max Lift

Inspection
3 x Faro Arm

Please Note: The above capacities are subject to component drawing dimensions.

Machinery

CEM are constantly buying and upgrading their machinery on a four year cycle, increasing capacity and ensuring reliability at all times.



Corporate and Social Responsibility

Health & Safety Initiative

CEM Engineering is committed to ensuring the health, safety and welfare of all our employees, customers, visitors and members of the general public. This is controlled and managed by our Health and Safety policy which aims to provide and maintain safe and healthy working conditions; providing appropriate tools, equipment, operational processes and safe systems of work covering all activities.

Our policy objectives are:

- To maintain a safe working environment that actively prevents accidents or ill health arising as a result of working activities and to provide adequate management and control of Health and Safety risks.
- To promote healthy and safe working areas; ensuring appropriate maintenance of plant and machinery is observed and by the correct and safe storage/use of substances.
- To ensure employees have sufficient training in their work in order to operate safely.
- To make employees aware of the importance of ongoing Health and Safety conditions and facilitate awareness of matters relating to occupational health.
- To ensure all employees know the emergency procedures in case of fire or any other situation that may necessitate an evacuation.
- To provide adequate and appropriate equipment, facilities and personnel to ensure that employees receive immediate attention if they are injured or taken ill at work.

Our commitment to this policy will assist CEM Engineering in developing a positive health and safety culture throughout all areas and activities in the company.

Environmental Policy

CEM manufactures high quality components. The company takes a responsible approach to the environmental affect of their operations. It does this by:

- Operating in compliance with all relevant legislation, and other requirements, which apply to its environmental aspects.
- Being aware of the use of raw materials, particularly non renewable, and take steps to protect the environment when using hazardous materials and products. Minimising waste through recycling, efficiency and evaluation.
- Minimising toxic emissions in day to day operational activities by responsible use of power and fleet management.
- Training employees to allow them to comply with the 'CEM Engineering Environmental Policy' and to make employees aware of environmental issues that may affect their work.
- Setting objectives and periodically reviewing our environmental performance in respect of current and planned activities.

Environmental Initiative

The environmental management system of CEM Engineering is designed to ensure a safe and healthy workplace for our employees and minimise any potential impact on the environment. This policy applies to all operations at its site in Wakefield, United Kingdom.

Apprenticeship Academy

Training our staff to the highest of standards is something we take very seriously at CEM Engineering. As supplier to some of the world's leading oil, gas, petrochemical and engineering corporations, we recognise the need to establish a highly skilled and versatile workforce; one that we can rely on to help us deliver our products on time and correct to customer specifications.

This motivated our management team to develop an in-house Apprenticeship Academy. To facilitate this; we collaborated with a local training provider to help us deliver high standard, certified engineering apprenticeships. To back this initiative, we have employed a dedicated training mentor and made a major investment in machinery and equipment. CEM has subsequently devised an excellent training centre; delivering approved quality instruction to the next generation of skilled engineers. Our Apprenticeship Academy means we continue to build a highly competent workforce, familiar with our type of manufacturing and capable of producing quality work over a wide range of engineering skills. We are proactive in identifying those apprentices who demonstrate potential for progression within the company; something we are keen to encourage and a strategy which helps us retain our best staff.

Here at CEM we are continuing a successful and proud history of training our apprentices to a high level. We have previously produced two winners of apprentice of the year, with one trainee simultaneously achieving student of the year.



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