



The Northern Engineering and Welding Company (NEWCo) was originally founded in 1986 and in October 2015 was purchased by AJ Engineering and Construction Services under the leadership of Managing Director Alan James.

Our purpose built and well equipped workshop is home to a team of skilled technicians whose services are facilitated by our in house machine shop – fitted with the leading state of the art machinery. Our production facility encompasses welding (Mig, Tig, MMA), rolling, shearing, punching, bending and plasma profiling facilities. Our machine section includes lathes, milling, slotting and sawing facilities; all of which can be supported by our in-house CAD drawing facilities.

NEWCo are suppliers to a wide range of engineering based industries, in both the large scale industrial sector and private sector.



**EXCELLENT
ENGINEERING
SOLUTIONS**



**STEEL STOCK HOLDING
CNC MACHINE SHOP
WELDING & FABRICATION
SITE SERVICES
VENTILATION
STEEL ERECTION & CLADDING
MECHANICAL ENGINEERING**

Northern Engineering & Welding Company Ltd

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STRUCTURAL STEEL & CLADDING

We have unrivalled experience in the design and build of structural steel buildings. We have worked in some of the most remote locations of the UK erecting buildings with full cladding systems to a multitude of industries from windfarms to agriculture. We work nationwide supplying small extensions to buildings in excess of 1000 tones. In addition to this we also offer a full safety netting service, over cladding design and installation, cladding repairs and roller door repairs.

With a multi-discipline team of engineers we can carry out your full project from concept to reality.



FABRICATION & WELDING

Our purpose built and well equipped workshop is home to a team of skilled technicians whose services are facilitated by our in house machine shop. We work for many sectors including the oil and gas, construction, smelting, transport and energy sectors. Our production facility encompasses welding (Mig, Tig, MMA), rolling, shearing, punching, bending and plasma profiling facilities. We work with stainless steel, carbon steel and aluminum fabrications allowing us to service a multitude of clients.

**Handrails & Platforms
Stainless Steel Tanks
Frames
Stairs
Pipework**

**Screens
Structural Steel
Refurbishment
Gratings & Walkways**



SITE SERVICES

As well as fabrication and installation works we also provide site services for clients. We have many longstanding clients who regularly utilise our resource to carry out planned and reactive maintenance as well as on site repair. Our teams are highly trained and can undertake everything from roof works to confined space entry. With a highly diversified workforce we are able to offer a range of site services to our clients.

Mechanical installations

Trial erections

Onsite pipe fitting

**Cladding installations
& repairs**

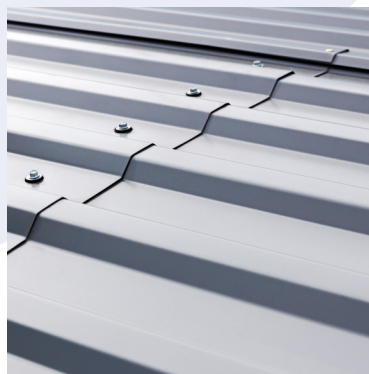
On-site welding

Modifications

Steel Erection

Pipework Installation

General Assistance

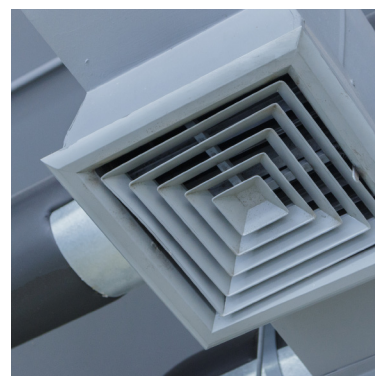


INDUSTRIAL VENTILATION

We have a long history in the manufacture and installation of industrial ventilation systems. We can install pre-fabricated ventilation and ducting or design and fabricate it to you exacting specifications. With a diversified team of engineers we can offer you a complete design to installation package.

**General Dilution Ventilation
Mechanical Ventilation
Natural Ventilation**

**Heating Ventilation/Air
Conditioning Systems**

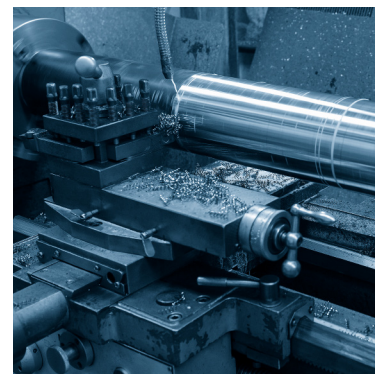


MACHINING

In addition to our own portfolio of services, our CNC Machine Workshop is able to provide a machining service equipped with CNC machines which enables the production of high specification products. Our CNC Machine Shop offers a broad range of in-house capabilities with a commitment to excellence in quality. We support a range of sectors with our machine shop from bespoke pins to large milled blocks in a range of steel grades.

Milling - X: 3000mm Y: 940mm Z: 1000mm maximum

Turning - Ø 320mm x 2000mm length maximum



STAINLESS STEEL KITCHEN FABRICATIONS

Stainless Steel Kitchen Fabrications
Commercial Kitchen Extraction Canopies
Extraction Fans Replacements
Stainless Steel Tables, Shelving & Sink Units
Stainless Steel Wall Cladding



MULTI METAL STOCKHOLDER

We can cut material to length, including mitre cutting, from a single cut on a band saw to batch cutting on computer controlled saws with very precise tolerances.

Plates & Sheets

Tube

Beams & Sections

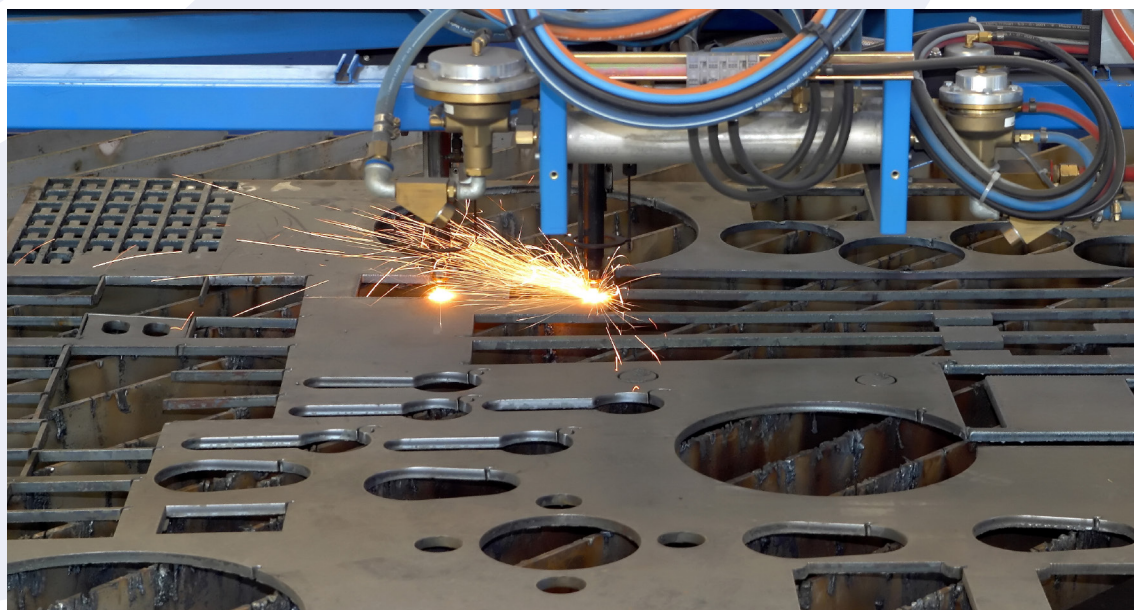
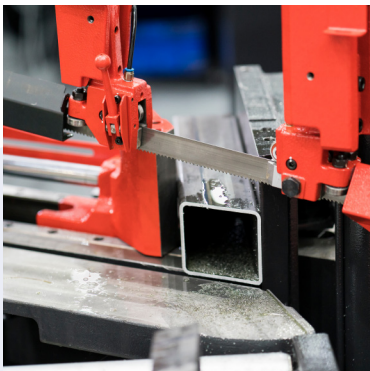
Angles, Flats

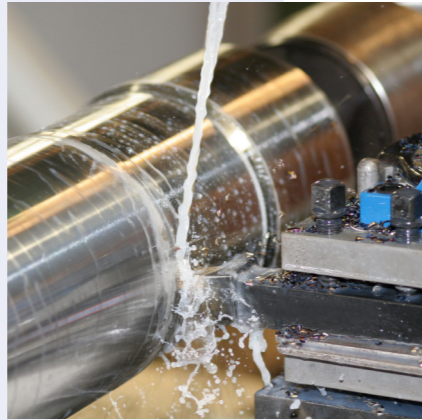
Rounds, Square

Mild Steel

Stainless Steel

Aluminium





WHAT WE DO

Northern Engineering & Welding Co. Ltd specialises in all types of welding, fabrication and mechanical engineering. NEWCo is also a major steel stockist – supplying both trade and private. Our purpose built and well equipped workshop is home to a team of skilled technicians whose services are facilitated by our in house machine shop – fitted with the leading state of the art machinery. Our production facility encompasses welding (Mig, Tig, MMA), rolling, shearing, punching, bending and plasma profiling facilities. Our machine section includes lathes, milling, slotting and sawing facilities; all of which can be supported by our in-house CAD drawing facilities.



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