



J.H. WOOD NEWS

ENGINEERING EXCELLENCE

East Ord Industrial Estate, Berwick-upon-Tweed TD15 2XF

Engineering News

Here at JH Wood, we pride ourselves on solving problems and in recent weeks some of the trickiest have ended up in our workshops, or with our team of designers and engineers. As we often find, the workshop has been busy and we have been working on many interesting projects from Snow Blowers to Pump Shafts, Shipping Containers to Shepherds Huts.

In Store for Brian



Brian Tait has recently been appointed Stores Manager to run our busy trade counter, as well as looking after the purchasing and sourcing for this area of the business. From a rural background Brian has a number of years' experience in this field and his aim is to source the best suppliers to

ensure that you as a customer, get what you need at the best price.

To enhance the overall experience and support we provide, we have also increased the size of the showroom and expanded our stores offering. Brian will supervise our huge range of parts, components, tools, lubricants, nuts, bolts and belts and PPE equipment – not forgetting grain dryer parts, machinery paints, and our extensive portfolio of vintage parts.

IS YOUR EQUIPMENT READY FOR HARVEST?

This is what Jock and David Lindsay, the grain drying team, are asking all their customers at the moment – because now is the time to check your grain drier is ready for action in the all-too-soon-to-be-with-us summer. Together Jock and David have decades of experience of servicing all types of driers – including Alvin Blanche, Lorden Grain, Kendra and Bury.

Our fully qualified and highly experienced on-site engineers provide engineering and fabrication solutions, servicing and repairs; to Grain Dryers, Conveyors, Feed Mixers, Agricultural Biomass Boilers and Farm Equipment.

Jock is keen to point out that: “to prevent breakdowns during the busy harvest season, you should always give your driers a full service. Look now and identify potential problems once a year, and bearings and pipe works - all of which need to be checked – especially if you want them to run for years and years.”

....FOR NEXT WINTER?

Farming enterprises with biomass boilers are reliant on heat exchangers. If not drained down correctly, these can incur huge damage and costs. So remember prevention is better than cure!

Matthew Rawlings, General Manager for [JH Woods](http://JH.Woods).

LATEST techniques

AIR-FED WELDING HELMETS

Here at J.H.Wood we now both use and sell GYSmatics Air-fed Welding Helmets. These devices pump filtered air through a welding mask and prevent the inhalation of harmful fumes and dust.

Welding fumes are a complex mixture of metallic oxides, silicates and fluorides. Fumes are formed when a metal is heated above its boiling point and its vapours condense into very fine, particles (solid particulates). Welding fumes generally contain particles from the electrode and the material being welded.

To meet current legislation, Air-fed helmets are deemed to be essential kit for anyone in a workshop with welding to do.



OUR RECENT PROJECTS

Unlike many workshops, the specialist projects we engage in are often unusual and interesting – especially when we have been engaged to do Heritage and Architectural Work.

Recent projects have included: **Restoring Victorian Railings; Sheet support work for a Georgian Church in Sunderland; Structural Steel Work in Tyneside at Seaton Delaval Hall and internal steel work including Handrails and Access rails at Warwick Bridge Cornmill near Carlisle.**

We have been machining a long auger centre before fitting the shaft.



We have been busy servicing a topper for one of our customers. Servicing prevents costly repairs later on, so think on, while things are still relatively calm.



Rejoicing in the difficult, as we do – here is an above average gear replacement job in the workshop - note the tapers running in two directions on each tooth!



And more impressive steel work - here an ash auger!



Finally, here we are supporting fishing for a customer from Holy Island who asked us to weld new points onto their fishing boat anchors

PROBLEMS AND ANSWERS

LADDER SAFETY SOLUTION



Thanks to changes in legislation many businesses are needing to upgrade their vertical ladders to comply with Health and Safety requirements.

Our engineers came up with a cost effective, unique and innovative solution to high ladders and walkway safety.

We have designed a simple clip to put extra cage protection on existing ladders for completing tasks such as welding, and other repairs at height. This enables the installation of necessary steelwork to the ladder hoops without the need for welding or drilling.

Designed by, and only available through, JHW - this clip will bring your safety ladders up to regulatory requirements.

A PIG OF A PROBLEM

There is a pipe which runs 320 Kilometres from the Shetlands to the UK Mainland. It has problems– and in some places is most probably furred up. The industry calls the x-ray machine which can detect this, a Pig – but before it can snuffle its way down the line, it has to be calibrated. After searching for a specialist to solve the problem the owners recruited JHW, as we are renowned for solutions.

To ensure it was set up correctly, we were asked to machine a 12m long, 3 tonnes calibration pipe. The Pig is then sent down the real pipe, all 320 kilometres of it, sniffing out wear and tear and dodgy bits. The industry relies on the results – our pipe has to be right, or we might be in deep water!



J.H. WOOD ENGINEERING

LARGEST STOCK OF INDUSTRIAL SUPPLIES AND ENGINEERING CONSUMABLES BETWEEN EDINBURGH AND NEWCASTLE

Hand tools • Cordless tools • Cutting discs • Grinding discs • Belts • Fasteners
Paint • Off the shelf: bearings, belts & drive chains • Lubricants: oil & grease
Dormer drill bits • Padlocks • Gate hardware • Structural & engineering steels

LEADING BRANDS INCLUDING:

MORRIS
LUBRICANTS



Jefferson
PROFESSIONAL TOOLS & EQUIPMENT



Connix
Wireless
LED Trailer
Lights
only
£75+VAT

SPECIAL OFFER



Fully qualified and highly experienced on-site engineers providing servicing and repairs to grain dryers, conveyors, feed mixers, agricultural biomass boilers and farm equipment.

• Large range of grain handling and storage solutions • Full design services • Cutting service

For full details of our stores and services go to: www.jameshwood.co.uk

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