



UK SHEET PILING SPECIALISTS

## Welcome

**Wow. In 2021 we celebrate successfully operating as a sheet piling specialist for over 25 years! We have to say that is some achievement in the current climate. This newsletter is a bit of a retrospective as we look back over a few achievements and milestones, whilst looking forward and welcoming new staff and highlighting our investments in new plant.**

Our roots started in the mid 1990's installing a few sheet piles and cofferdam frames for the likes of Birse et al. After becoming a 'proper' sheet piling company in 1996, our Chairman and CEO, Des Fussey soon invested in some piling plant and equipment to bring us to the forefront of the sheet piling market. Over the last 25 years we have continually invested in the latest equipment to provide an unrivalled service of designing, installing, and extracting sheet piles throughout the UK.

Almost all of our work is designed in-house, all our labour is directly employed, and all our construction plant is owned, operated and maintained by ourselves. Using our vast stocks of ArcelorMittal sheet piles, we can mobilise quickly and efficiently to your site when required.

We hope you enjoy our latest newsletter and note our continued investment in new equipment, some examples of the types of work we undertake, genuine feedback from some of our customers, and even a few comments from their clients to boot.



## New Plant Investment

At the turn of the millennium we were one of the first sheet piling subcontractors to buy a telescopic crawler crane for our everyday use. Soon after it arrived, the benefits of using such equipment just grew month on month. In 2003 we ordered our first Sennebogen Telescopic Crawler Crane, and now for 2021, we have just taken delivery of our 5th Sennebogen crane and the latest generation of their 50t capacity cranes. The Sennebogen 653E has a fully operational power boom allowing lifting from 9.6m to a maximum of 30.4m fully extended.

The Sennebogen 653 E is amongst the most modern cranes in Europe today. It has an ultra-low emission Tier 5 Final engine making it suitable for working in city centres like London's NRMM Low Emission Zone, and in actual fact already exceeds the current minimum standards for exhaust gases in such environments.

But is it any good? Well yes, obviously! It has a 'Virtual Wall' computer programme fitted as standard to enable the crane to safely operate within a very restricted environment in terms of reach, slewing and lifting. It is ideal for



working within the railway environment such as HS2. It can easily lift our Kowan Stillworker Rigs that weigh circa 11 tonnes off the back of the delivery lorry. Fitted with a 30.4m jib as standard we can stand well back to lift long piles into position once the rig is set up and progressing.

The photo shows Sennebogen's UK agent, AGD Equipment Chairman Bill Law and Director Robert Law officially handing over the crane to our MD, Graham Hall.

# Staff News

After 20 years' service one of our senior Supervisors Stephen Hargreaves (Steve) retired from the business. He started working with one of our Directors, David Jones back in the 1980's and then continued working with him through various sheet piling companies including 3M Civil Engineering, Stent Foundations and finally Fussey Piling. Steve has a tremendous wealth of knowledge of all plant and was a highly skilled piling man. He has gone on to enjoy his retirement by playing golf and watching sport. We wish him well!

We have also welcomed the following individuals to the business;

Derek Robinson has started as a Welder and Piling Operative. Derek has many years of experience in piling and will be a great asset to the team.



Mitch Green has taken up the reins of a Crane Driver operating one of our fleet of Telescopic Crawler Cranes. As well as pulling the leavers on the crane he can operate a press.

Kris Beadle re-joined just under 1 year ago as a Supervisor, to overlap as Steve retired. He has been making great progress and been installing some excellent work on site, such as this example in Kings Cross.



# Contracts

After another year's successful trading we have completed an average of over 33 rig weeks per gang in the last 12 months. Given that we have 5 piling gangs that equates to 166 working weeks in a year. Whilst the dreaded Brexit and Coronavirus has undoubtedly had some effect on our operating efficiencies, we are proud of our achievements in the last year. We are pleased with our record of having no disputes on any current projects, no significant overdue monies, and a fantastic order book for the first part of the 2021 trading year. These results are testament to the proactive approach we have to our works and signify the expertise, knowledge and positive outcomes you too can achieve by employing fussey piling on your project.

## A small project in Bethnal Green



Our smallest project involved the silent and vibration-free driving of just 10 No. 6m sheet piles on a former gas holder site in Bethnal Green. Due to the nature of the ground, the soil had to be first pre-augered with our RTG Leader Rig. Once that operation was completed, we had to mobilise a crane and silent pile press to install the sheets. More time was spent in the 1.5 days on site mobilising and removing the equipment than was spent installing the piles.

## A large project in Watford

In stark contrast, one of our biggest projects in terms of numbers and variety of piles, was undertaken in Watford, Hertfordshire. Almost 1,000 tonnes of ArcelorMittal sheet piles in lengths ranging from 6.5m to 15m long have been installed as part of a new multi-million scheme building a carpark and family housing on a brown field site adjacent to the hospital and football stadium. Due to the location the Waterman designed piles had to be silently driven into position. Works were spread out over 11 weeks and up to 3 piling gangs were gainfully employed at its peak.



## A medium project in Southwark

By comparison to the other two projects, we have also undertaken many medium sized projects in city centre locations. This particular scheme involved installing 4 different

sized cofferdams and 3 separate retaining walls. The biggest cofferdam was circa 6m deep and needed propping in the temporary condition to limit deflections on the piles. As

excavation was progressed to formation level the sheet piling was fully welded to provide a waterproof cofferdam in which the concrete basement box could be constructed.



## What our Clients and Customers say...

We are always pleased to get some feedback on the services we offer to the construction industry. By taking on board any comments we strive towards total continuous improvement in all that we do to ensure you can benefit from a safe and efficient site piling operation. We know that we are not always the cheapest, but we are damn good at what we do.



Here's a few comments we have received in the last few months.

**Taylor Wimpey**

*"highly accurate rigs, well-organised crew and the entire operation was like a swiss watch"*

Stephen Farr, Technical Manager, Taylor Wimpey



**brennan**

*"with high constraints imposed, and the team consistently achieve near perfection in installation... fantastic attitude, work commitment on site... Fussey are an outstanding industry leader"*

Rob Widdowson, Project Manager, The Brennan Group

**BARRATT LONDON**

*"thank you for your extremely pro-active service"*

Adam Whitehouse, Senior Quantity Surveyor, Barratt London



*"A word of thanks to Mick and his team on site doing a great job with no hassle. All deliveries were also executed perfectly"*

Martin Douthart, Site Manager, Gilbert-Ash

**homespace**

*"thank you for the excellent work, your team has put into the project"*

Victor Regoczy, Director, Homespace



*"I can't fault the site performance at all. Quick and professional"*

Lewis McCrory, Project Surveyor, BAM Construction

**fussey|piling**

# So what make us different?

Fussey piling has long been associated with providing high quality sheet piling solutions to the construction industry. With this in mind we thought we would remind you of the key features we have to offer you.

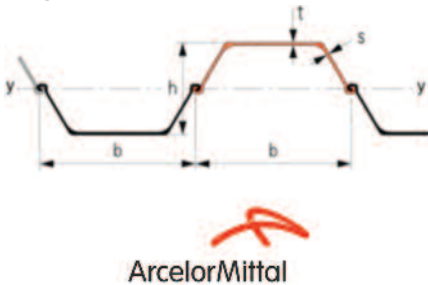
- We pride ourselves on pricing almost every enquiry that comes through the door. All quotations are fully designed, specified, and qualified to meet your needs.
- We complete all sheet pile design in-house and can offer PI Insurance up to £5million.
- All of our operatives are directly employed and have a combination of CSCS, CPCS, IPAF, SSSTS, Lift Supervisor and NVQ qualifications.
- All of our plant is wholly owned by Fussey Piling and maintained by our own fitters / plant mechanics.
- We hold approximately 1000 tonnes sheet piles in stock to facilitate quick starts on your project. Note: We only use ArcelorMittal steel produced to EN 10248 Part 1 for quality, environmental impact and service.
- Temporary framing and structural welding is completed in-house by our sister company Fussey Engineering.



If you are looking for sheet piling and are involved in the early stages of a project please get in touch to see how we can assist.

## Sheet Piles

We hold large stocks of 'U' ArcelorMittal sheet piles, which facilitates short lead-in times to meet your programme requirements.



Section	Width	Depth	Flange Thickness	Webb Thickness	Mass / m	Mass / m2	Moment of Inertia	Section Modulus
	b	h	t	s				
	mm	mm	mm	mm	kg/m	kg/m2	cm4/m	cm3/m
GU 8N	600	312	7,5	7,1	48,5	80,9	12 010	770
GU 13N	600	418	9,0	7,4	59,9	99,8	26 590	1 270
GU 14N	600	420	10,0	8,0	64,3	107,1	29 410	1 400
GU 16N	600	430	10,2	8,4	72,6	121,0	35 950	1 670
GU 21N	600	450	11,1	9,0	81,9	136,5	46 380	2 060
GU 22N	600	450	12,1	9,5	86,1	143,6	49 460	2 200
GU 23N	600	450	13,1	10,0	90,4	150,7	52 510	2 335
GU 27N	600	452	14,2	9,7	97,4	162,3	60 580	2 680
GU 32N	600	452	19,5	11,0	114,1	190,2	72 320	3 200



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