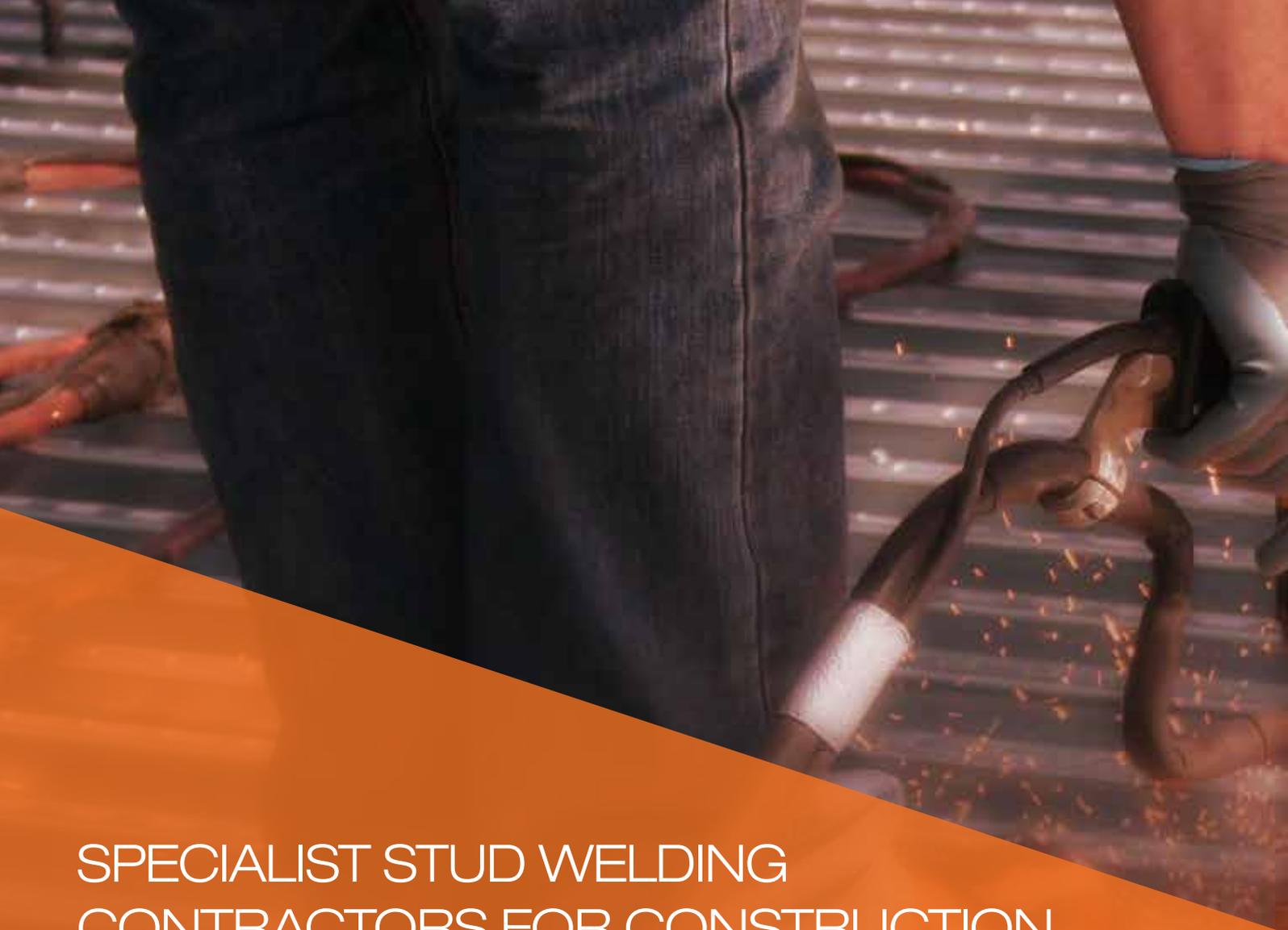




Single Source Stud Welding Solution



SPECIALIST STUD WELDING CONTRACTORS FOR CONSTRUCTION PROJECTS, BRIDGES AND STEEL PILING

SMD provide the largest UK on-site and works services for the fixing of shear connectors, including thru-deck studwelding. We also supply a large range of shear connectors and stud welding equipment from our distribution depots throughout the UK.

With over 25 years' experience in stud welding operations, SMD are undoubtedly the UK's leading stud welding expert, welding more than 3 million studs per year across different projects and applications.

Our fleet of purpose-built mobile stud welding units are built to minimise the environmental impact caused by emissions and noise pollution. The modern generators are specifically built to cope with the demands of thru-deck welding whilst offering a portable, flexible solution.

Where site space is limited, we can also supply static units, if required.

Historically, stud welding plant was based on old technology with little consideration for emissions, carbon footprint and the environment. We're proud that our fleet is the greenest in the UK and is compliant with the London Emission Zone (LEZ) requirements.

With our extensive on-site experience and commitment to the highest quality products and plant, it's a natural fit that SMD work alongside Nelson, the world's best-known manufacturer of shear studs and equipment. This partnership, which has been in place for many years, ensures our clients have an unparalleled level of quality and service throughout the lifetime of a project.

Scope of Works

- On-Site Thru Deck Stud Welding
- Off-Site Stud Welding at Works
- Plunge Columns
- Steel Piling
- Bridge Construction/Refurbishment
- Refractory Lining and Insulation Connectors
- Wear Resistant Studs
- Supply Only Service for Shear Studs
- Sale/Rental of Stud Welding Equipment

Why use SMD as your Single Source Solution?

SMD has been providing shear stud solutions on construction projects for over 25 years. It has been a natural progression for us to offer a stand-alone shear stud solution for our clients, working in partnership with the leading stud welding manufacturers and construction companies in the UK.

- Fleet of nine bespoke mobile stud welding units
- Over 25 years' experience in the installation of shear connectors
- Nationwide coverage
- Directly employed competent and qualified workforce
- Backup and technical support of long established SME

Working with SMD alongside our experienced in-house management structure enables a seamless integration of the shear studding process into your project.

Our Staff

We have developed bespoke in-house training courses covering all aspects of Safety, Quality and Installation Techniques, including hot works and fire safety awareness due to the fundamental hazards of the welding process. All staff must complete this training before being allocated to live projects. SMD sets itself apart from its competitors by ensuring the quality and training of its workforce through minimal reliance on sub-contract labour.

Our Approach

SMD's business strategy is very much based around a first class service, ensuring our clients' needs are delivered at all levels, and that the business develops to meet their future needs. We strive to achieve SMD's main goals of Quality, Service, Safety and Sustainability.

Quality

We adopt the policy: do it once, do it right.

As a business we are accredited to ISO 9001, which ensures quality throughout. We rigorously check our supply chain to ensure all products comply with current standards and our in-house training technicians carry out preventative maintenance to ensure minimal delays from breakdowns. Additionally, all employed staff are trained by equipment manufacturers to fully understand the welding process and machine setup, regardless of conditions.

Service

Delivering excellent customer service is of the utmost importance to us, and just one of the reasons why we enjoy such a high level of repeat business. For SMD, 'excellent service' means being adaptable to change throughout all stages of a project, as well as ensuring sufficient

resources are in place to provide flexible support. This applies to all our areas of work, not just on-site but at our head office and logistics facilities, too.

Safety

With many years' construction experience, we know what a hazardous industry it can be. This is why we take Health & Safety issues very seriously, investing a significant amount of time and effort into developing our working methods to ensure all work is carried out in-line with current policies.

As well as the safety of our own employees, SMD recognises the importance of the health and safety of other people who may be affected by our works. To this end, we liaise closely with our clients to ensure we provide the highest possible standards of Health & Safety throughout the works.

Sustainability

Working in an environmentally responsible and sustainable way is an important consideration for today's construction industry. Many contractors will now only choose to work with those who have an established approach to sustainability issues. SMD is committed to working efficiently and effectively, protecting our environmental and economic resources, as well as operating in socially responsible ways. Our company has established operating policies and procedures and also holds accreditation to BS EN ISO 14001:1996 Environmental Management Systems. We also consider our actions regarding conservation, recycling, pollution, sourcing of materials, environmental damage, disruption and nuisance. We have targets in place to assess our on-going activities, and currently ensure the maximum percentage of any wastage is recycled, both on-site and within the office.



Our Products & Services

Due to the integral part products and services play in all our projects, we ensure all products are European sourced and adhere to all the required British and European standards. For such critical structural components, we do not support the supply of cheaper and often inferior imports from the Middle and Far East. Our studs are manufactured in accordance with the requirements of BS EN ISO 13918:2008.

We have enjoyed a long-term working relationship with Nelson Stud Welding, the market-leader in shear studs and stud welding equipment, ensuring all our products and plant meet the highest standards.

Additional Services

Along with our core business of site installation of shear studs on composite floors, we also offer the following services: straight to steel on pre-cast projects, securing concrete to steel columns or piles, bridge construction or refurbishment. We have also undertaken work on both highway and rail projects, as well as marine and harbour works – connecting concrete to steel pile foundations or supports.

For further information, please call our Technical Team on 01202 718898.

Supply Only

We currently hold a large stock of shear studs, consumables and equipment,

including standard size plain shear studs (over 1,000,000 of various sizes held in stock).

- **National network of depots to service our clients' supply-only requirements**
- **Large quantities held in stock for same day collection or next day delivery**

Important Note: The advertised length of our shear studs is length before the welding process. When welded to base metal, shear studs will be approximately 5mm shorter after weld, and when welded through deck they will be 10mm shorter after weld. Lengths for shear connector studs are generally set by governing specifications.

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Contact us today for a competitive quotation

For all your Shear Stud requirements, please contact our Head Office at estimating@smdltd.co.uk or call on 01202 718898, where our Stud Welding Team will be happy to advise you.



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