



**COMBINED**  
**SOIL STABILISATION**  
A E YATES GROUP



# WHO WE ARE

Combined Soil Stabilisation is the United Kingdom's leading specialist subcontractor within the soil stabilisation industry. We offer a range of services which includes soil stabilisation, bulk earthworks and plant hire using our extensive modern fleet. Our state of the art equipment includes;

- the UK's largest fleet of the latest model sophisticated WR Wirtgen mixers powered by EU stage 5 compliant engines. All are fitted with the S-Pack which provides the capability to spread and mix in a single pass removing the risk of airborne dust.
- a number of Streumaster spreader Units including a Rhino and a Bell which have a 19m<sup>3</sup> capacity ensuring maximum daily production can be achieved,
- 20T rollers including Bomag Continuous compaction Control Rollers which can closely monitor compaction and highlights when optimum compaction has been achieved.

We carry out soil stabilisation works throughout the United Kingdom on varying soil types. Tailored packages are provided including initial mix design and all onsite compliance testing is undertaken by an independent UKAS accredited laboratory providing greater confidence in our end product.



# HOW WE DO IT

We have the specialist skills, technical and practical knowledge to deliver environmentally sustainable solutions to suit all customer budgets. Products include modified bulk fill, capping and sub-base replacements, road foundations, building footprint sub-base replacement, alternative options for foundations for low level buildings and warehouses and moisture reduction to treat unacceptable materials to render them acceptable. A further service is the provision of engineered piling mats and crane platforms to allow safe installation of foundation piles or lifted loads. This mitigates the requirement to import material and, when using sister company Trittech Ground Engineering for piling works, also eliminates an onsite interface.

We can work on a single point of delivery principle and therefore also undertake the bulk earthworks element that may be intrinsically linked with the soil stabilisation process. This provides a true "one stop shop" service to customers.

# CUSTOMER FOCUS

Operating in accordance with published UK and European Standards and the Britpave Guidelines for Best Practice (all of which we have had a major input in drafting) we work for a diverse range of customers throughout the United Kingdom. Customers include small to major earthworks contractors through to multi-national conglomerates in a range of sectors. We are flexible in commercial arrangements and undertake projects through a variety of contract suites, frameworks and partnerships. Our work scope ranges from small estate roads to major highway schemes and huge distribution building footprints.

Generally, we are initially approached for our specialist skills, knowledge, experience, financial stability and the services we offer. We then seek to develop long term relationships by working with customers, preferably from the feasibility stage. This customer focused approach is used regardless of the stage of our relationship with customers in the trust that the relationship will develop further.

We know from experience that early involvement is key to determining best value and the most cost-effective solution. Openness, honesty and trust play their part in any relationship and this is one of the main reasons that we have achieved a high level of repeat business.

# WHAT WE DO

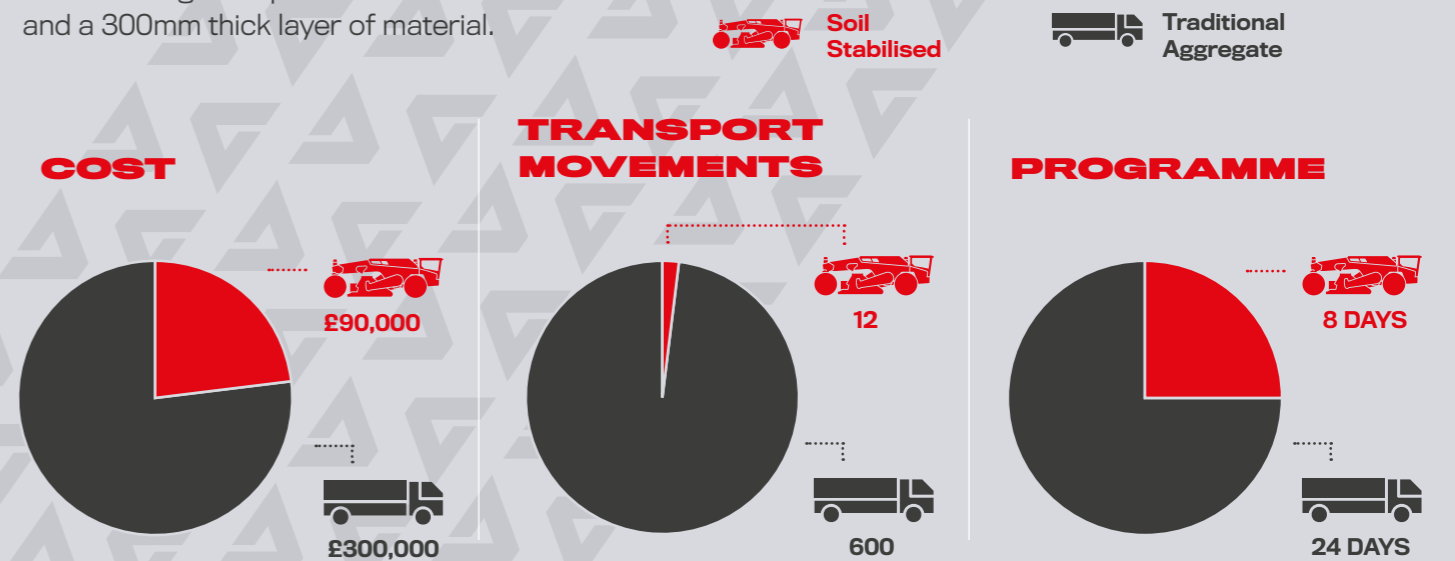
We develop sustainable solutions for projects from £20,000 to £10,000,000 based on the following range of techniques to suit any customer requirement or need;

- Modification/Improvement - the reduction of high moisture content in unacceptable materials to render them acceptable to enable the excavation, placing and compaction of general or engineered fill to be carried out in an efficient and economical manner
- Stabilisation - the mixing of soil with hydraulic binders and water to significantly change the characteristics of the soil to give a product with long term strength and durability
- Hydraulically Bound Materials - the mixing of soils or aggregates with hydraulic binders and water to create foundations for roads car parks and ports
- Bulk Earthworks - offered in addition to stabilisation to offer customers a complete package tailored to suit individual requirements
- Plant Hire - our plant and equipment is frequently in demand from other contractors in the sector who do not have our financial strength or breadth of capability in project size.



# POTENTIAL SAVINGS

The following example is based on 5000m<sup>3</sup> and a 300mm thick layer of material.



**\*Does NOT include the significant cost of the removal of material from site**



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We would be delighted to discuss your potential project requirements.

**Combined Soil Stabilisation** is a member of the A E Yates Group. The stability and strength of the group, combined with a diversified offering across the construction sector, gives our customers extra confidence in project delivery.

- A E Yates Civil Engineering** - Civil engineering contractor operating predominantly in the North West
- A E Yates Directional Drilling** - horizontal directional drilling contractor
- SPI Piling** - Steel Piling Contractor
- Tritech Ground Engineering** - Ground engineering contractor using vibro stone columns, vibro concrete columns, precast concrete piling, steel tube piling and precast concrete groundbeams

The group companies add value to customers not just in their specialism. When working together they offer an integrated service through resource sharing and joint management of activities. Operational interfaces are removed eliminating potential co-ordination, management and programming issues for customers.

