

Direct to you from the Manufacturer



Russell Heale Engineering Pty Ltd is a family owned Australian company. We have two factory locations on the Gold Coast and our manufacturing capabilities stretch from steel piling to truck body building and general engineering applications.



We have expert boiler makers and fitters working on our wide range of machinery which includes a 10 tonne gantry crane, 7 head profile cutter, lathes, a flatbed milling machine and more. Call Wayne, our Workshop Manager for assistance.



TALK TO US

Should you or your Engineer have a query about footing design, we'd be happy to talk to you. With years of experience under our belt we are worth a call, or email info@rheale.com.au for a timely response. Our friendly competent staff may be able to offer you added insight for your project.



WHERE TO FIND US

We can service from Cairns down to Melbourne from our base in South East Queensland, providing you with quality screw piles for your project. For an obligation free quote, please send us your plans with the geotechnical report.



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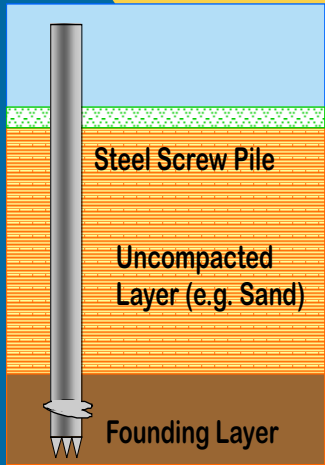
www.rheale.com.au



**Creative & Practical
Solutions for your
Foundation
Problems**

Direct from the Manufacturer...

Russell Heale - design, manufacture, supply and install screw piles.



These can be for a diverse range of building and construction projects, all the way from fence supports to heavy 100 tonne load bearing installations.

What is steel screw piling?

Steel screw piling is a deep foundation support system that transfers the weight of a building onto the stronger founding layer below.

Steel Screw Piles are a hollow tube of steel, with a helical steel plate welded on near the end. The end of the pile is capped sealing the bottom of the pile from internal corrosion. This helix screws into the ground and supports the weight.

Each screw pile is engineered to suit the specific site and application and can exceed 30 metres in length.

Benefits of Steel Screw Piling Saves you time and money

- Eliminates building settlement and costly repairs
- Speedy installation
- Unlimited pile lengths
- No mess or waste - minimal disturbance
- Continuous pile achieved every time - stops problems associated with soft or wet collapsing soils
- Vibration free
- Segmented piles possible for sites with limited head height
- Simple attachment to timber, concrete or steel structures

	Speedy Installation	Vibration Free	No mess or waste
Steel Screw Piling	✓	✓	✓
Timber Piling	✗	✗	✓
Concrete Bored Piers	✗	✓	✗

Steel Screw Piling in 5 easy steps

(1) Take two men and an excavator...

(2) Fix the steel screw pile into the pile head...

The bearing capacity can be up to 100 tonnes.

(3) Guide the pile into its correct location...

...Note the minimal disturbance

(4) The piling head screws in the steel screw pile.

Easily attached to metal, concrete or timber structures, they offer major advantages over other pile systems.

(5) Weld on extensions and resume installation until the founding layer is reached

If required they can penetrate to a depth of over 30 metres.



Staff & Equipment

Russell Heale is a fully qualified builder and leading authority on piling. He has around 30 years professional experience, largely in building, piling and civil works. In his role as project manager he concentrates on providing a “guiding hand” on difficult project management and technical issues to ensure the desired project outcomes meet or exceed expectations.

Installation Staff and Equipment

Our professional installers have many years of experience. We have three crews in all, two for the larger projects and one crew that is particularly recommended for pool building, houses and confined sites. We have several machines available, a 6 tonne, 12 tonne, 14 tonne and two 25 tonne excavators. All have matching power heads to suit most requirements.

We have two semitrailer floats capable of transporting the piles and excavators to site. For a pool, our operators can drive to site with the piles and machine on board, dig the pool, install the piles and often be finished in a day. This saves the need for two machines and slashes the associated down time and transport costs.

Angela Ingram is the friendly voice on the other end of the phone line and is in the office ready to take your calls. She created this brochure to explain to you the benefits of screw piling. Working with Russell has given Angela a comprehension of the industry and what is required for piling. She co-ordinates the installation paperwork and sends out engineer’s installation certification on payment.

If you have any suggestions or queries, please do not hesitate to call her.

Load Testing

Our research and development programme includes static load testing using our own equipment. We have proven the capabilities of the screw piles we design, make and install, giving you peace of mind that the foundations in your project will be durable for many years to come. We are also committed to improving the bottom line on your project, by designing and providing the ideal product to meet your purpose.