

Case Study: Remedial Foundation Works



Underpinning a Concrete Foundation

Background

LINK Building is a prominent Remedial Builder based in the regional Shepparton, Victoria. The company specialises in Underpinning, Slab Jacking and various technical projects involving ground stabilisation and foundation remediation. LINK building required a machine that could be utilised for projects requiring Underpinning, Slab Jacking, General Concrete Pumping and Block Fill work.

Objective

The process of underpinning is to stabilize and strengthen the foundation, in this case eroded by water ingress from a garden bed. The existing foundation was dug and deeper piles bored to distribute the load of the slab across a new concrete foundation. The project involved pumping 25mpa concrete a distance of 30 metres to create a new concrete foundation and eliminate the risk of further damage.

ANTEC Solution

The REED A30HP machine was selected for its versatility, ease of use, simplicity and reliability. The machine was set up with appropriate steel pipe, hose and clamps and competency training was provided by Antec over a 2 day period. The machine will be towed across the Goulburn Valley Region behind an ISUZU 2T Tipper to pump grouts, concrete and cementitious products into difficult access areas..

About Antec

Antec is a manufacturer and distributor of a wide range of products to the mining, minerals processing and infrastructure industries in Australia. Antec are the exclusive distributor of the Reed range of gunite and concrete pumps which are available for hire or buy.

