

CASE STUDY - REMEDIAL FOUNDATION WORKS

➤ BACKGROUND:

LINK Building is a prominent Remedial Builder based in 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

OBJECTIVE:

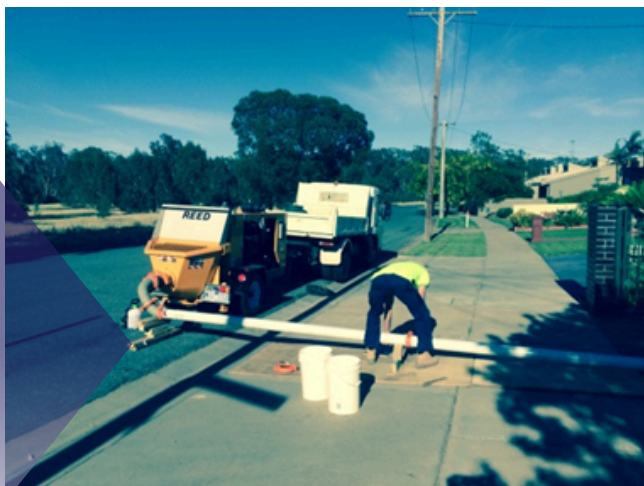
The process of underpinning is to stabilize and strengthen the foundation, in this case eroded by water ingress from a garden bed. The existing foundation was dug and deeper piles bored to distribute the load of the slab across a new concrete foundation. The project involved pumping 25mpa concrete a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

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> THE CGS SOLUTION:

The REED A40HP machine was selected for its versatility, ease of use, simplicity and reliability. A 70 slump shotcrete mix from Holcim was selected for use on the project due to the extended length of the push, reducing from 3" rubber pipe to 2" delivery hose. A total of 35 cubic metres was sprayed in one day, to a depth of 180mm. The concrete was pumped entirely through rubber hoses, with only 3 lengths of steel used across a grass embankment at the reduction point of 3" to 2".

The A Series machine proved to be capable of a long push whilst being versatile enough to be towed by a Ute and parked in the driveway for the day's work.



CGS EQUIPMENT - THE INDUSTRY'S SUPPLIER OF CHOICE

> WHY CHOOSE CGS EQUIPMENT?

> OUR PRODUCT RANGE INCLUDES:

- Line & trailer pumps
- Shotcrete & gunite spraying units
- Plaster & mortar spraying units
- Grout mixing, injecting & pumping plants
- Stationary & mobile batching plants
- Volumetric mixers
- Mobile screed machines



High quality European and American manufactured machines - For sale or rent



Extensive parts and accessories inventory



On-site or workshop-based service, maintenance and repair



Knowledgeable and friendly team with a customer service focus