



## Chem Grout CG-050M Hand Pump

Bridge bearing grouting

### CASE STUDY

## Background

Civil contractor, Freyssinet, required a grouting solution for a road infrastructure project that included the construction of two new bridges using a pre-cast construction method. The project required pumping and placement of small volumes of cementitious, high-flow, structural grout between the surfaces of stainless steel bearing plates and the bridge concrete deck, eliminating voids and producing contact between surfaces.

The delivery method needed to be efficient and fast, while the equipment needed to be easy to clean and reliable in order for the project to progress on a tight time frame.



## CGS Solution

The CG-050M Hand Pump was selected for its rugged design, durable reliability and simplicity of use. Multiple hand pumps were placed on the project and proved invaluable.

The CG-050M is a portable, skid-mounted, hand-operated grout pump.

The lightweight aluminium design makes this grout pump perfect for smaller jobs and can be easily lifted by two people.

This unit features a 19L holding hopper and a piston pump. The holding hopper is connected directly to the suction of the pump for continuous pumping operation.

The pump is a 2" positive displacement pulsating piston pump.

The pump is quickly disassembled by releasing three snap clamps, flushing lines, washing rubbers, lubricating and reassembling. The system disassembles without the requirement for any tools, which enables fast, efficient and easy cleaning.

This model is perfect for smaller grouting applications and is ideal for pre-packaged non-shrink cementitious grouts and sand cement ratios of 2:1 with injection pressure to 200psi.

Contact CGS Equipment today to discuss how the Chem Grout range can help your business deliver bigger, better projects with confidence.



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