

Solid Ground: Lifting a Settling Foundation Back to Level

The Challenge

A homeowner discovered that their residential foundation was experiencing settlement issues, creating visible signs of structural distress that required immediate professional attention. The homeowner contacted a specialized foundation repair company to assess the situation and provide corrective action to restore the foundation to its proper elevation.



Requirements & Constraints

The foundation repair required precise elevation control to avoid overshooting, substantial lifting force to overcome structural weight and soil resistance, and safe operation to prevent damage. Equipment needed to be portable for confined residential spaces with limited access, while ensuring operator safety and maintaining efficiency in cramped crawl spaces and basements.

Engineering The Solution

Power Team PE553 Electric Pump: This compact, portable pump operates using standard 110VAC power. Its hydraulic control system provides precise pressure and flow management with job site flexibility for optimal positioning.

C256C High-Force Cylinder: Delivering 25 tons of lifting force at 10,000 PSI, this compact cylinder offers precision operation with controlled extension and retraction. Its durable construction and safety features make it ideal for confined residential foundation repair applications.



RELATED PRODUCTS



C256C



PE553



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