



Certified Installers/Exclusive Dealers - CA, NV, AZ

Model 166 Slab System - Steel Pier

Until now, when it came to leveling concrete slabs the only options were mudjacking or helical piles. Earth Contact Product's solved this designing a slab pier system that provides foundation repair contractors an engineered solution to this problem. Contractors now can have the reliability of steel piers with the convenience of portable equipment in a slab jacking application. The ECP Model 166 slab pier system is helping save contractor's time and money along with solving residential and industrial slab on grade problems.

One unique feature of the ECP Model 166 slab push pier design is that, it uses the same hydraulic equipment for installing other ECP resistance push piers. Foundation repair contractors will already have most of the equipment necessary to install the ECP 166 slab pier and can start installing them on slab on concrete slabs immediately.

The ECP Model 166 slab pier works as other ECP resistance piers, they are end-bearing piers in that it does not rely on skin friction to produce support. And like with any structure installation, the entire slab acts as the reaction force. The resistance slab piers are installed using a grid pattern with spacing no greater than five foot apart. After all the piers are installed, the slab load is transferred across the piers uniformly and evenly by activating the hydraulic rams simultaneously with the ECP manifold lift system.

So, when do you use the ECP Model 166 slab pier? It's the solution anytime you have a slab of four or more inches in thickness to stabilize and lift due to failing soil conditions that were too weak to support the slab. Installation is accomplished inside the structure through an eight inch, core drilled access hole. Contractors who have used the slab piers report that the piers install quickly due to their minimal setup time making our new resistive slab pier a low cost and time efficient solution for your next slab leveling project.

Take a look at the following summary for more details about our new resistance slab pier. And for more detailed information, please contact Earth Contact Products.

Model 166 Specifications

- Capacity: 28,000 lb Max
- Standard Lift: 4" Fully Adjustable
- Greater Lift: Use Optional Long Bracket Rods
- Install Location: Inside Structure
- Equipment: Portable Hydraulic Equipment
- Access: Core Drilled, 7" to 8" Hole In Slab
- Vibration: Little or No Vibration



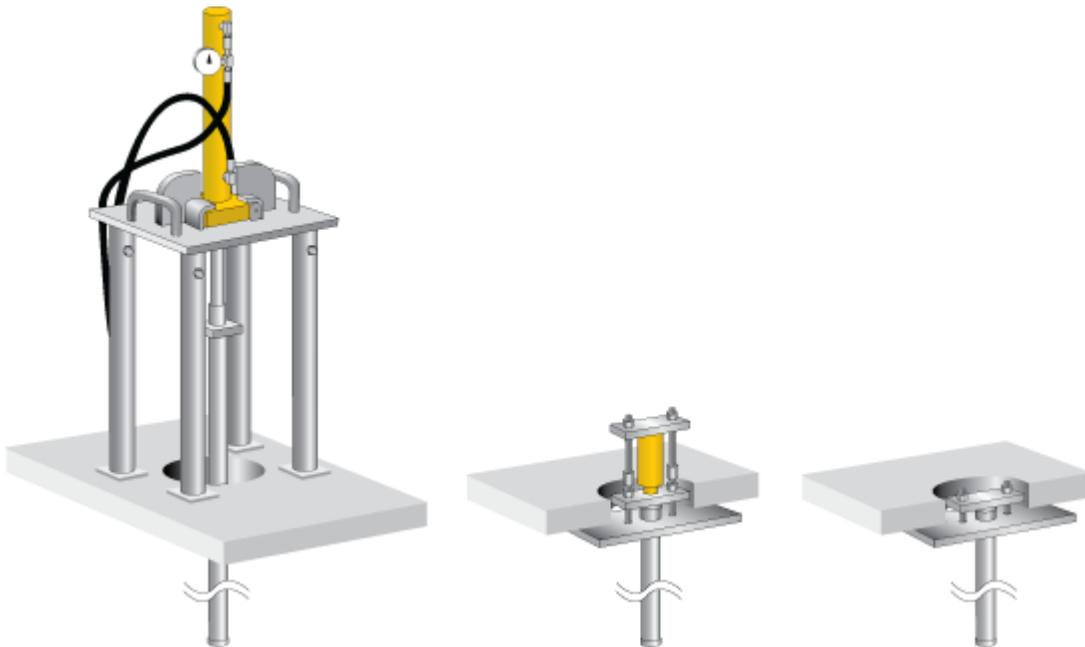
Certified Installers/Exclusive Dealers - CA, NV, AZ



Certified Installers/Exclusive Dealers - CA, NV, AZ

- Friction: Reduction Collar on Lead Pier Section
- Stratum: Installs to Rock or Verified End Bearing Stratum
- Testing: 100% Field Tested to Verify Capacity
- Lift Type: Manifold Lift
- Warranty: Warranted by ECP

Not all resistance piers are equal, on your next project make the ECP Steel Pier™ your foundation repair solution of choice.



The ultimate capacity of ECP steel piers is a function of the strength of pier pipe and soil surrounding the pipe, capacity of the end bearing stratum, foundation repair bracket system, foundation strength and strength of the bracket to foundation link. Achieved capacities could possibly be lower than the stated bracket capacity. ECP always recommends consulting with a registered professional engineer before attempting and structural repairs.

ECP Steel Pier systems are the top choices for foundation repair professionals and foundation design engineers. For technical information about this and other patented ECP Steel Piers, go to the ECP Engineering section.



Certified Installers/Exclusive Dealers - CA, NV, AZ