Resistance Slab Pier

The method of leveling concrete slabs has been limited to what resistance pier installers could fabricate for their projects, until now. Earth Contact Product's looked upon this as an opportunity to provide contractors an engineered solution to this problem. No longer would they have to go to the expense and time to make designs of their own to solve a customer's problem. This new product is helping save contractor's time and money along with solving residential and industrial problems.

What's unique about our new resistance slab pier design is that, if you are already installing resistance push piers, you'll have most of the equipment necessary to install this pier except for a new stand designed specifically for this application.

This slab pier works like any resistance, end-bearing pier 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.

So, when do you use our new resistance 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.

Capacity: 22,000 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
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
Warrantee: Warranted by ECP