

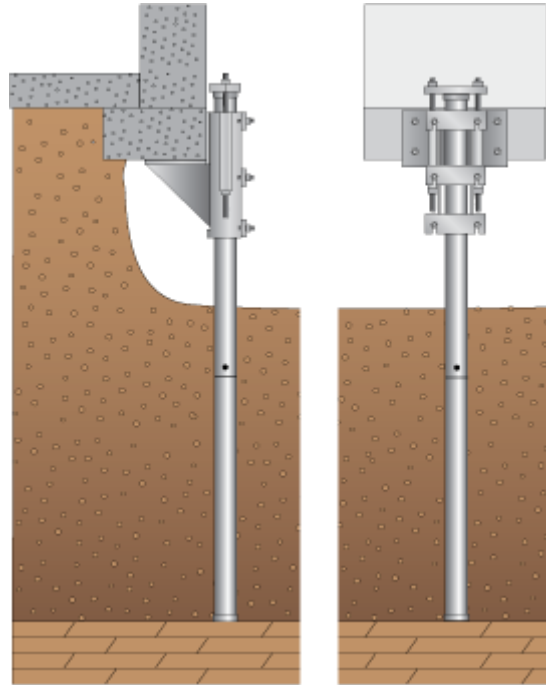


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Model 300 Push Pier

The ECP Model 300 (US Patent # 6,193,442) steel push pier system is the standard in foundation repair applications. Professional design and engineering allows this ECP push pier to structurally underpin home foundations down to a true load bearing stratum. The ECP steel resistance pier design penetrates the soil, beyond expansive or active soils, to support structures from either the interior or exterior of the foundation. ECP, the US leaders in pier push technologies, is known for products that are designed and engineered to perform.

Each ECP Model 300 steel push pier offers a two-stage system of driving steel pile sections to a confirmed bearing stratum. Upon reaching this good load bearing soil, the unique ECP manifold lifting system can then recover lost height or provide a precise support of a home.



From requests by foundation repair contractors the ECP Model 300 resistance pier was designed to provide the toughest and longest lasting support for foundations. Like other ECP resistance piers, the ECP Model 300 is an end-bearing pier that does not rely upon nor require skin friction to provide support. Each pier is field load tested after it is installed. The ECP steel resistance piers are able to provide a high factor of safety because the piers are installed and load tested individually using the weight of the home as the reaction force.

The ECP Model 300 steel pier pipes are driven independently and the entire structure works as the reaction force. A welded friction reduction collar is attached to the lead section of galvanized pier pipe. The purpose of the collar is to create an opening in the soil that has a larger diameter than the galvanized pier pipe. The friction reduction collar reduces the skin friction on the pier pipe as it is driven down into the soil and allows the installer to load test and verify that the pier encountered solid bearing stratum or rock layer, that is suitable to support the design load. During load transfer, high pressure hydraulic jacks are positioned at each pier location, and connected to the ECP manifold system, thus decreasing the homes load on each Model 300 pier to the design load.



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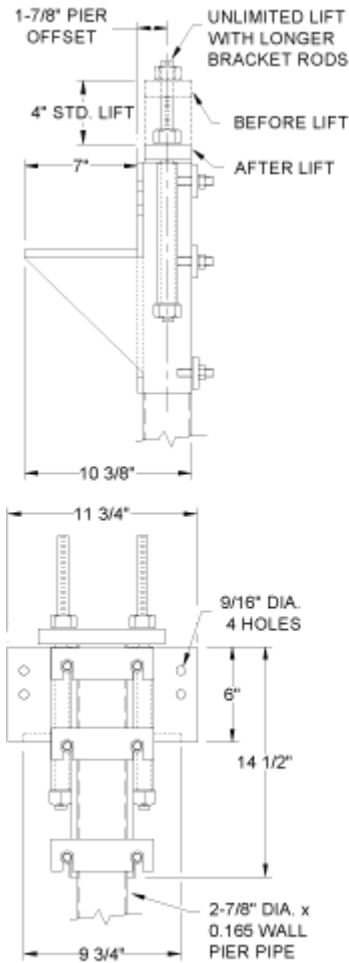
Model 300 Specifications

- Ultimate Capacity – 79,000 lb
- Maximum Field Test Load – 59,000 lb
- 68 Square Inches Bearing Surface
- Standard Lift – 4”
- Fully Adjustable Unlimited Lift Capability
- Installs From Outside or Inside Structure
- Friction Reduction Collar On Lead Pier Section
- 2-7/8” Diameter High Strength, Galvanized Tubular Pier
- Installs With Portable Equipment
- Installed With Little or No Vibration
- Installs To Rock or Verified Load Bearing Stratum
- 100% of Piers Field Load Tested During Installation
- Manufacturer's Warranty

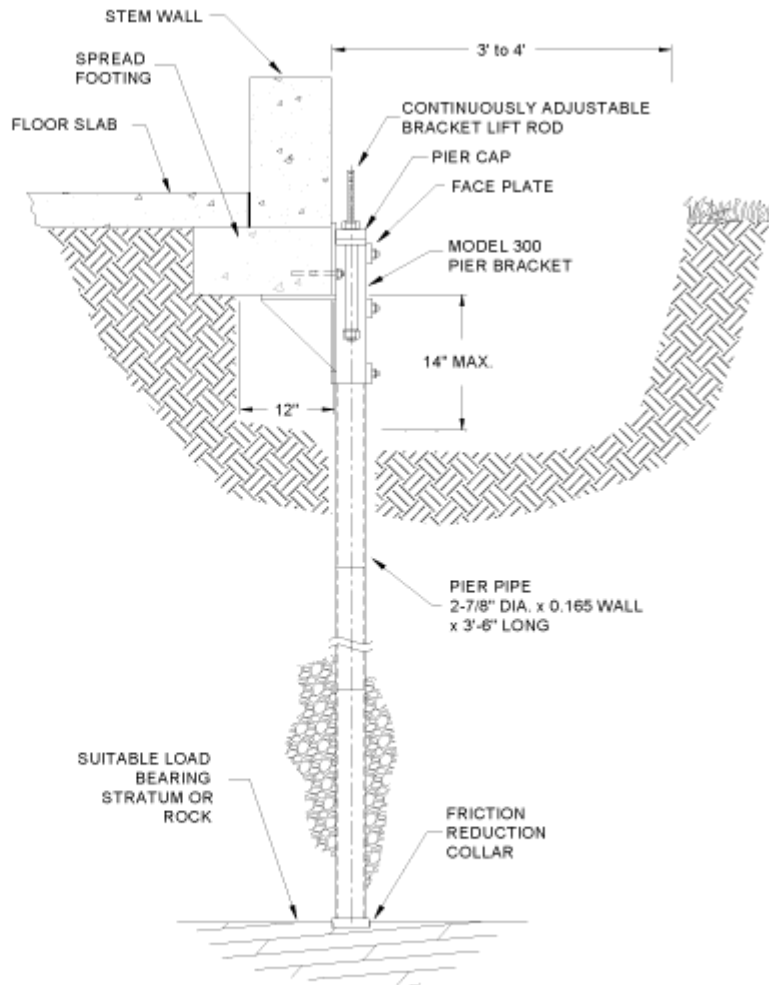
Not all resistance piers are equal, on your next project make the ECP Steel Pier™ your foundation repair solution of choice.



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**Model 300
Utility Bracket Details**



**Model 300 Utility Bracket
Application Drawing**

US Patent # 6,193,442

The capacity of ECP steel piers is a function of the capability 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 be lower than the stated bracket capacity. ECP always recommends consulting with a registered professional engineer before attempting and structural repairs.

ECP Steel Piers are the #1 choice for foundation repair professionals and foundation design engineers. For more technical information about the patented ECP Steel Piers, go to the ECP Engineering section.