

# Stabilize Your Foundation with the Magnum® Steel Push Piering System™

## Problem:

Settlement Damage to Foundations, Walls, Chimneys & Floor Slabs



## Solution: Magnum® Piering Patented Steel Push Piering System™



### What is Steel Push Piering & How Does It Work?

Magnum's patented steel push piering system is used to stabilize and/or raise the foundation of your home or business, while preventing further vertical settlement.

After excavating to expose the structure's foundation, (with minimal mess), a heavy duty bracket is attached to the foundation as close to the wall as possible. Then high-strength steel tubing is hydraulically pushed through a sleeve in the bracket into the soil down to bedrock or load-bearing strata. Once installed, the column of steel tubing becomes the new permanent foundation for the structure. When the affected area of the foundation is repositioned and/or stabilized, the steel pier is locked permanently to the bracket.



On the majority of foundation stabilization projects, windows and doors that used to stick will once again work normally. Cracks in walls will become repairable, and furniture will sit level again.

You will also have the peace of mind knowing your foundation stabilization is also protected by the Magnum warranty against manufacturing workmanship defects or defects in the materials.



# Trust & Confidence with Magnum® Piering

## THE TEST OF TIME

With over 50,000 homes and commercial structures successfully repaired across the United States and Canada, Magnum Piering's patented products and network of Authorized Installers provide the trust and confidence you deserve for your most valuable investment.



## PATENTED TECHNOLOGY

You will have peace of mind knowing your most valuable investment will be protected by Magnum's patented steel push piering system technology. Our heavy-duty steel product components and our guaranteed load testing installation procedure make the Magnum Steel Push Piering System the right choice for your foundation stabilization project.



## AUTHORIZED INSTALLERS

You will also have peace of mind when you place your trust with an Authorized Magnum Piering Installer. Our Installers have undergone a comprehensive technical training & certification process that ensures proper installation of the Magnum Steel Push Piering System on your project.



## INSTALLER SUPPORT

No company in the industry makes a greater support commitment to its installers than Magnum Piering. Whether it's structural or geotechnical engineering that is required, or on-the-job technical support, Magnum's team of experienced professionals are ready to support our installers on your project. You will have confidence knowing that Magnum Piering and our Authorized Installer are both dedicated to one thing – stabilizing and protecting your most valuable possession permanently.



## MANUFACTURER WARRANTY

Magnum stands behind its products and our Authorized Installers by offering an unconditional manufacturer's warranty against defects in product materials or defects in manufacturing workmanship. Magnum Piering has provided permanent foundation support for more than 50,000 homes & commercial structures across North America, and we will be here for you too permanently.



*Welcome to the Trust & Confidence of Magnum Piering  
Simply the Best*

# Technical Information

**Product Name:**

**Manufacturer:**

**System Definition:**

**Components:**

Magnum® Steel Push Piering System™

Magnum Piering, Inc.  
6082 Schumacher Park Drive  
West Chester, OH 45069  
800-822-PIER  
513-777-5374 (fax)  
www.magnumpiering.com



The Magnum Piering Steel Push Piering System is generically referred to in the industry as a jacked piles, resistance pier, friction pier or steel underpinning system. The system uses a series of hydraulic rams to push consecutive 3 foot long sections of high-strength steel tubing into the ground to refusal or load-bearing strata. Structures are stabilized and/or lifted once all pier sections are installed to the proper depth and load tested at each of the required pier locations. After stabilization or lifting is achieved, the steel piers are permanently attached to heavy duty steel brackets that have been previously mounted to the structure's foundation footing.

**MP1001 Plate Bracket**

– is attached to the face of the footing with up to 18 concrete wedge anchors

**MP1002 Angle Bracket**

– horizontal angle slips beneath the footing and the vertical angle is grouted in place and attached to the face of the footing with 6 concrete wedge anchors

**MP313 1/8" Wall Steel Pier Tubing**

– used for most residential and other lighter weight structures; maximum working capacity 34,000 pounds per pier

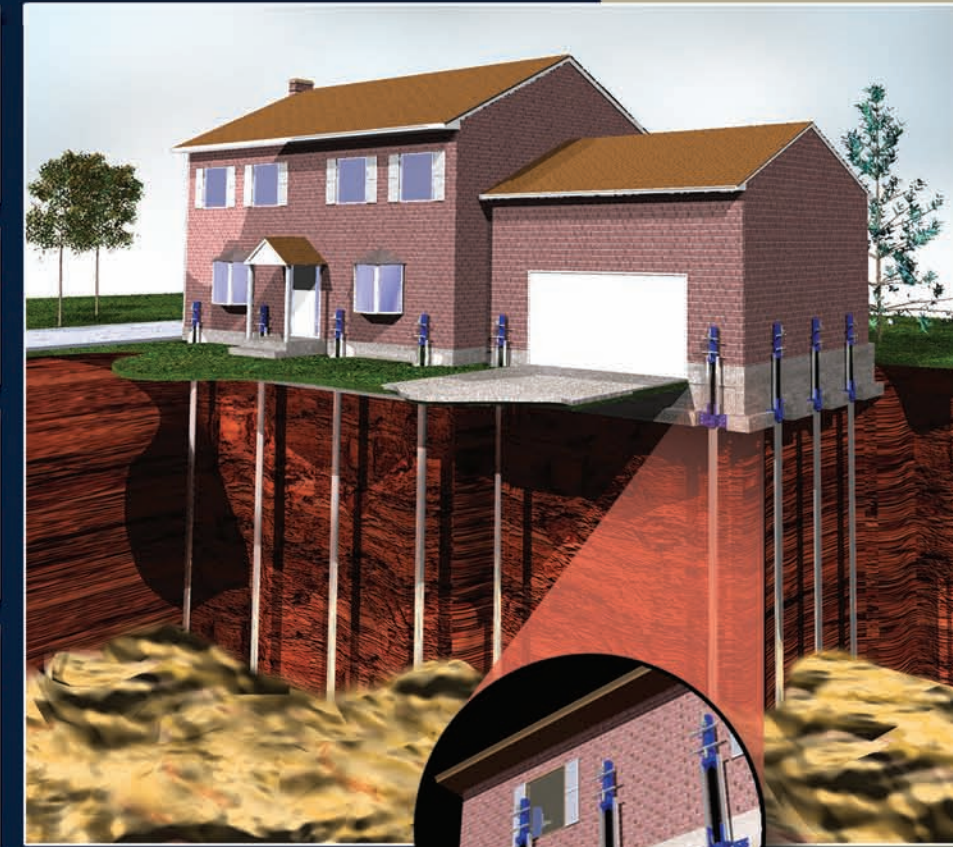
**MP325 1/4" Wall Steel Pier Tubing**

– used for light commercial and industrial structures; maximum working capacity 50,000 pounds per pier

**Your Local Authorized Magnum® Piering Installer**



# Magnum® Steel Push Piering System™

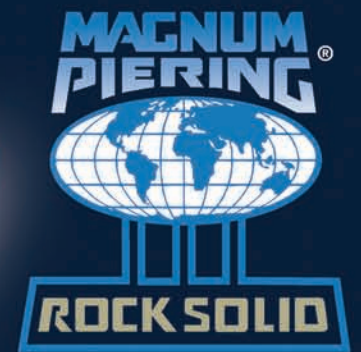


PIERING

Permanent Foundation Protection for Your Home or Commercial Structure

*Simply The Best!*

- Over 30 Years Experience
- Pre-Engineered Solutions
- Load Test At Every Installation
- Installs Quickly With Minimal Mess
- Nationwide Installer Network
- Manufacturer Warranty



Authorized Installer