When you make an application for foundations on bolted piles for your housing, commercial or industrial project, Techno Metal Post engineers determine which piles are to be installed according to the building they have to support and the soil characteristics.

Techno Metal Post helical piles are guaranteed and certified by our engineers according to current standards.
TECHNO METAL POST HELICAL PILES ARE THE INTELLIGENT SOLUTION FOR STRUCTURE SETTLEMENT ISSUES.

HOW DOES IT WORK?

Techno Metal Post helical piles are “screwed” into the soil under your structure until suitable load bearing soil or bedrock is encountered. Our installation equipment measures the resistance of the soil, allowing us to determine the bearing capacity of each pile in real time.

Heavy steel foundation brackets are bolted to the structure’s footing to connect the helical piles so the building load can be transferred onto the piles permanently. At this point, we can carefully lift, level or stabilize the foundation depending on the needs of the project.

WHY TECHNO METAL POST?

» Complete control of the installation process.
» Proven method that reaches dense and compact soil in poor soil conditions.
» Entire structure stabilized and permanently supported.
» Work certified by our engineering team.

TECHNO METAL POST INSTALLATION MACHINERY

Techno Metal Post has developed a range of machines entirely dedicated to the installation of screw piles. These machines allow the installation of piles with a bearing capacity in service of 225 kN (50625 lbs) per pile.

They are very versatile and can access almost any environment, whether it is of limited space, muddy soils, irregular, mountain and even over water.