

# WORLD LEADER

## ENGINEERING SERVICES

**THE ENGINEERING SERVICE DIRECTS THE ANALYSIS AND VALIDATION OF ITS PROJECTS.**

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.

Canada



USA



France



Technical Approval #3/13-740

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# SOLAR PANELS



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# TECHNO METAL POST SCREWED PILES REPRESENT A SOLUTION PERFECTLY ADAPTED TO YOUR FOUNDATION PROJECTS.

## HOW DOES IT WORK?

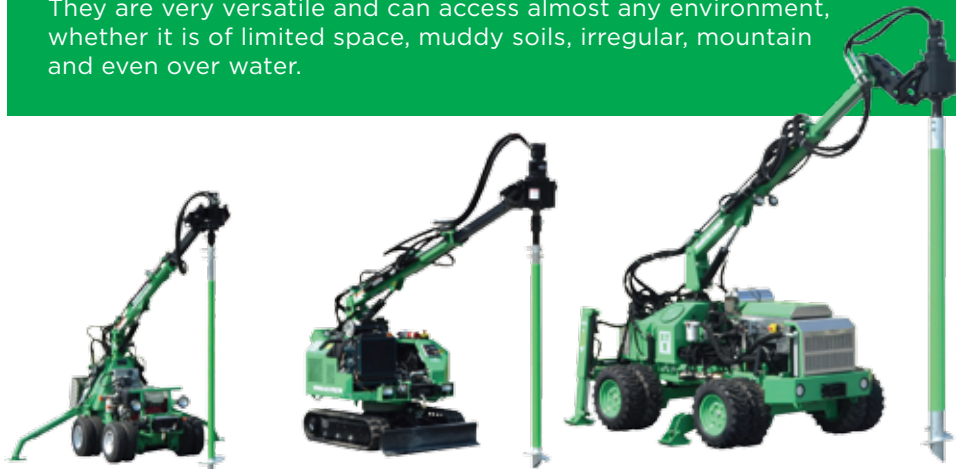
The Techno Metal Post piles are screwed into the earth under the structure until reaching a dense and compact soil. During installation, our teams measure the screwing torque, allowing us to determine the bearing capacity of each pile, and in real time.

Our piles possess the ideal mechanical capacity to resist lateral forces, which makes them the ideal solution for this type of project. They are also suitable for all kinds of designs. Since our limit is your imagination, we are able to make parts and equipment tailored to achieve your goals. In fact, we have dealt with many specific requests from our certified installers.

## 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.



**INSTALL POSSIBLE ON UNEVEN SITES**



**EASY CONNECTION SOLUTION  
WITH SOLAR ARRAY**



**NO EXCAVATION / NO CONCRETE REQUIRED**