



Groundwork

GPS SYSTEM



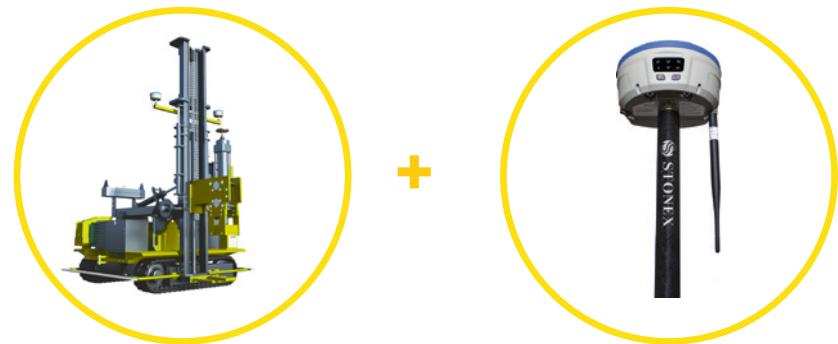


GPS System

Groundwork supplies the GPS System. The GPS System can be retrofitted to your existing pile driver to help improve the accuracy and efficiency of installing piles for your solar farm project site.

The System is equipped with a GPS guidance system that utilizes your project CAD design data to pinpoint all your pile point locations on site. This will avoid the need for a surveyor to place individual stakes for each pile location.

The system can also provide full autonomous capabilities. This means that the system can self-drive and auto-position your pile driver to a target pile point location. As a result of this, your pile installation work will be completed sooner therefore saving you time and money.



Your Pile Driver

GPS System

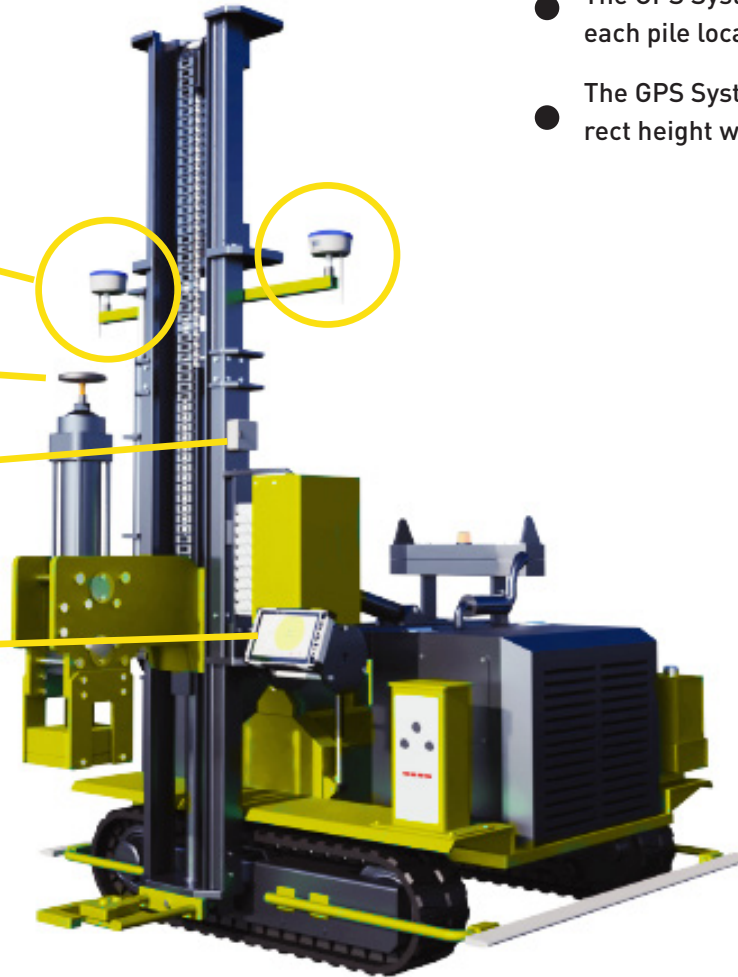
FEATURES

2x GPS Receivers installed to the mast of your pile driver.

GPS Height Antenna for monitoring pile height.

Hardware components installed for automation control.

Tablet Display + Software.



- The GPS System has the ability to autonomously self-drive your pile driving machine to each pile installation location.
- The GPS System can accurately auto-locate and pinpoint each pile location with millimeter precision.
- The GPS System System can install your piles to the correct height without requiring height string or lasers.

TWO OPTIONS TO CHOOSE FROM:

There are two GPS options to select to install to your pile driver:

PRO SYSTEM - Semi Autonomous

- Navigation system to guide your operator to a pile point location
- Auto-locates precisely the target pile location
- Installs piles to the desired height automatically

BASIC SYSTEM - Manual Guidance

- Navigation system to guide your operator to a pile point location
- Navigation system to guide your operator to pinpoint the target pile location
- Manual height gauge to monitor pile height



AUTONOMOUS SYSTEM: THREE EASY STEPS

The semi autonomous system will do most of the work for you.

By fitting the Semi Autonomous option to your machine, the system will be able to drive your machine to each pile point location with just a push of a button. The system can also control your mast and hammer to ensure that it positions itself exactly over the target pile location. The system is also equipped with a height sensor so that it can install your piles to the desired height without requiring string lines or lasers.

