

Press-in Principle

The Silent Piler grips previously installed piles and presses next pile into the ground with static load, by leveraging reaction force (extraction resistance force) of reaction piles.

The Press-in Principle enables our compact machine (Silent Piler) to generate a large force by obtaining leverage from the Earth.

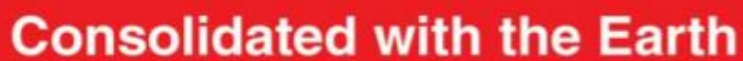
 **GIKEN**

SILENT PILER

 Reactive Lifting Force

 Press-in Force

 Reaction Force

 Consolidated with the Earth

