



Energy piles

**The most efficient way
to make use of
geothermal energy**

**The easiest decision to
invest you'll ever make!**

Thanks to the low additional costs, energy piles are without a doubt the most economical geothermal heat exchangers!

Advantages at a glance

- ✓ Thermal activation of foundation piles for all drilling depths and diameters
- ✓ Spiral design for maximum functionality combined with minimal cost
- ✓ No disruptions to construction thanks to quick installation of the pipelines in the reinforcement cage
- ✓ The most energy-efficient solution – optimal exploitation of available geothermal resources
- ✓ Maximum profitability – extremely low investment costs compared to other geothermal heat exchangers



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With our modular system comprising energy piles, connecting lines, building ducts and distributor units, we can offer you integrated geothermal system solutions. This eliminates interface problems and simplifies your planning and construction processes!

Available designs

| | Spiral shape | Meander shape | Single loops |
|-----------------------|-----------------------------|-------------------------------|--|
| Functionality | ++ | - | + |
| Material requirements | ++ | ++ | - |
| Installation time | ++ | + | - |
| Costs | ++ | + | - |
| Pressure losses | + | + | ++ |
| Summary | The most profitable design! | Frequently used but outdated! | Low pressure losses but high costs and no controlled volume flows! |



„The Circle“: One of Switzerland's largest construction projects



Geothermal activation of over 700 foundation piles

Our experience is your gain!

As a technological leader for geothermal energy in specialist foundation engineering, we have successfully put thermal activation into practice in all common specialist foundation engineering processes (cast-in-situ concrete piles, CFA piles, pressure-grouted piles, ductile piles, MIP walls, excavation pit retaining walls).

Benefit from our experience – together we will make your project a success.

