



2ND GENERATION SCREW PILE

Foundations without digging.

Deck, carport or outbuilding?

Piles in the ground in hours, yard stays intact.

50yr

WARRANTY

S420

STEEL GRADE

5

STANDARD LENGTHS

EN1090

CERTIFIED

WHY HELIX

Small pile, big capacity.

Screws into the ground and bears load immediately. The cast steel tip navigates rocks and roots better than welded tips. SSAB steel, hot-dip galvanized with a 50-year warranty.

60.3 mm

 TUBE
DIAMETER

160 mm

 HELIX
FLANGE

140 µm

 ZINC
COATING

BENEFITS

Foundation in a day

No excavation, no concrete, no waiting.


50-year warranty

Hot-dip galvanized to last for decades.


Cast steel tip

Navigates rocks and roots.


Three installation methods

By hand, lever kit, drill or machine.


Yard stays intact

No earthworks, no concrete waste.


Certified, Finnish

CE marked. Made in Porvoo.

PRODUCT RANGE

The right length for every project.

<p>0.70 m HELIX 700 Fences, signs, light structures</p>	<p>1.20 m HELIX 1200 Decks, playhouses, shelters</p>	<p>POPULAR 1.70 m HELIX 1700 Carports, sheds, saunas</p>	<p>2.20 m HELIX 2200 Piers, outbuildings</p>	<p>3.20 m HELIX 3200 Soft soils, deep sites</p>
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EXTENSIONS Extra length when needed.

1.0 m	1.5 m	2.0 m	3.0 m
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INSTALLATION

<p>01 Place and turn Pile in position, start turning.</p>	<p>02 Drive deeper Continue until torque increases.</p>	<p>03 Cut and attach Bracket on top, start building.</p>
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INSTALLATION METHODS





 <p>1 PERSON Manual One person, lever bar. Ideal for small projects.</p>	 <p>2 PEOPLE SR100 Installation Kit Two people, lever bars. Faster than solo.</p>
 <p>POWER TOOL Electric Drill 230V handheld drill. Most common method.</p>	 <p>MACHINE Excavator Hydraulic drive head. Large quantities fast.</p>

TECHNICAL SPECIFICATIONS

HELIX screw pile

SPECIFICATION	VALUE
Tube Diameter	60.3 mm
Wall Thickness	2.9 mm (galvanized) / 5.0 mm (plain or galvanized)
Helix Flange Diameter	160 mm
Tip Design	Cast steel head (2nd generation)
Standard Lengths	0.70 / 1.20 / 1.70 / 2.20 / 3.20 m
Extension Piles	1.0 / 1.5 / 2.0 / 3.0 m
Steel Grade	S420 (SSAB high-strength)
Surface Treatment	Hot-dip galvanized (EN ISO 1461, 110–140 µm)
Manufacturing	EN 1090 certified, CE marked
Warranty	50 years

CERTIFICATIONS

 <p>EN 1090</p> <p>Certified manufacturing</p>	 <p>CE Marking</p> <p>Conformity</p>	 <p>EN ISO 1461</p> <p>Hot-dip galvanizing</p>	 <p>SSAB Steel</p> <p>European quality steel</p>
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Request a quote.

Tell us about your project and we will help you get started.



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