



The Innovation

The Krinner Ground Screw - Hammered out of steel, hot dip galvanized and with a full penetration welded screw-in spiral: Just like a wood screw is put into wood to withstand big loads, the Krinner Ground Screw is put into soil as a foundation for various kinds of constructions. Foundations with Krinner Ground Screws are stable for decades, but environmentally friendly and removable if necessary.

The invention of ground screws from Krinner represents a milestone in the creation of modern alternatives for concrete-free foundations. Krinner Ground Screws are available with variable ground screw heads and adapters in different designs and sizes and thus are suitable for a wide range of applications in modern construction projects. Especially noteworthy is the patented and hammered screw tip, which enables a precise positioning in all soil types. The growing interest in the area of renewable energies, has given the company Krinner Schraubfundamente GmbH an ideal opportunity to promote its unique and environmentally friendly product. Therefore, already over one million Krinner Ground Screws have been used to build more than 1,000 MWp of photovoltaic installations all over the world. Other established fields of application are: Timber construction, advertising and traffic engineering, urban and landscape development, shed and container construction and fence construction. The Krinner Ground Screw successfully created its own Acceptance Criteria within ICC-ES and therefore defined a whole new product segment in the construction industry.

Past, Present and Future

Krinner Schraubfundamente GmbH is a German based company which invented and patented its first ground screw in 1994. Within the past 18 years, Krinner Schraubfundamente has grown from a small company to one of the most successful companies in the solar business. The ground screw business unit encompasses the manufacture, worldwide sale and installation of the patented ground screws. To install them correctly, Krinner also developed several special machines and equipment to be able to handle this task in a quick and easy manner. This internationally successful company, very quickly established itself as a market leader with a reputation for Quality, Reliability, Competency and Innovativeness.

While this represents the present, the future lies in expanding to further fields of application and focusing on new markets worldwide. Growing solar industries in regions like South Africa, Japan or North America are in desperate need for foundation solutions, which unite cost and time efficiency with supreme stability and durability.

Advantages

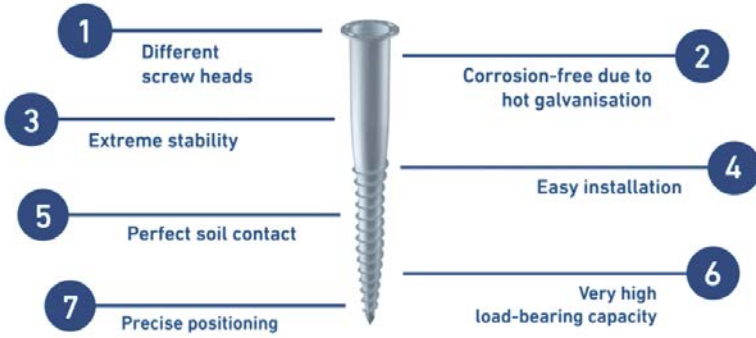
Especially in comparison to concrete foundations, Ground Screws offer a multitude of advantages:

- Cost and time saving
- No digging, no concreting
- Structurally tested repeatedly
- Proven high pressures, pulling-out force and lateral pressure loads
- Utmost stability and durability
- Instantly loadable, no waiting period
- Sustainable and environmentally friendly
- No soil sealing
- Surroundings not impacted
- Easy deconstruction allows instant relocation

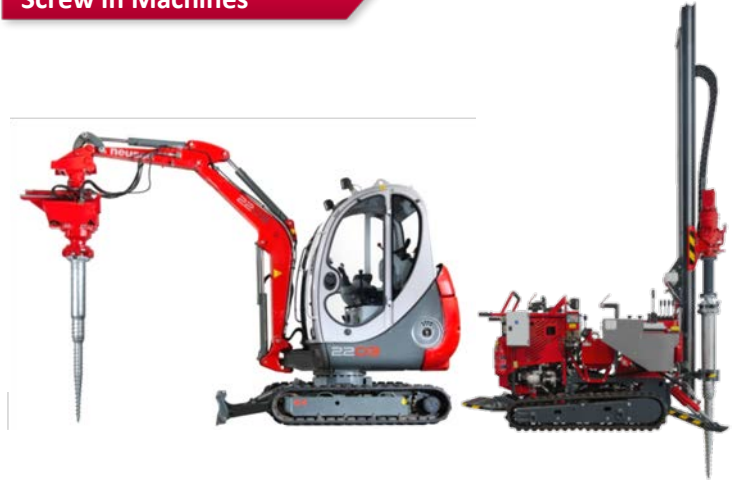
Indeed, it was through innovation that we turned our hobby into a career.

Ground Screw Foundations

The Pros at a Glance



Screw in Machines



Fields of Application

- Photovoltaic installations
- Timber construction
- Advertising and traffic engineering
- Urban and landscape development
- Shed and container construction
- Fence construction

