



KRINNER SURVEYING AND DRILLING ROBOT (KRM)

The automated guided vehicle approach is new to PV construction – a unique solution with its purpose.

KRINNER SURVEYING AND DRILLING ROBOT (KRM)

efficient · cost-effective · useable in all weather conditions



A whole control system has been developed, automatically using the GPS positions and executing the conventionally different work steps in one step. No machine operator is needed on the vehicle and the work progress can be monitored online in real time from any office worldwide with an internet connection.

The KRM is a fully automated surveying and drilling robot. It can be used for the installation of Krinner ground screw foundations or any other type of foundation for ground mounted PV power plants. With uploading the project's GPS data onto the KRMs control unit, the automated guided vehicle moves towards the located points for the foundations of the rack, predrills a hole and marks the spot without any manual control needed. Therefore the KRM is able to prepare the installation of the rack 24 hours a day in a faster and cheaper way than any other approaches, assuring a high level of precision and quality. Furthermore, information about the approach process is filed automatically on its harddrive in order to enable the evaluation.

Reduce your (investment) costs and get informed about our cost efficient rental conditions!

TECHNICAL DATA KRM

Hydraulic driven vehicle with drill attachment

Installed Ground Position System (GPS) or tachymeter

Electronic control unit, executing the functions of the device based on microcontrollers

Software for the control and visualization of the work steps providing direct data exchange with the respective CAD system

Interested? Contact us at:

Krinner Schraubfundamente GmbH | Passauer Strasse 55 | D-94342 Straßkirchen
Phone: +49 9424 9401-80 | Fax: +49 9424 9401-81 | E-Mail: service@krinner.com | www.krinner.com

efficient · cost-effective · useable in all weather conditions