



Ground Screw Project Input Datasheet

A buyer-completion worksheet for ground screw and helical foundation inquiries

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PUBLISHER	East Baoyu (Tianjin) New Energy Technology Co., Ltd	LANGUAGE	English

Purpose

Capture the site, load, interface, installation, durability, testing and document inputs needed for a responsible project-specific foundation review. The completed worksheet is an inquiry record, not an approved design.



Controlled boundary

This document summarizes website-published information. It is not a quotation, contract, certificate, structural calculation, approved drawing, inspection result or warranty. Confirm the applicable entity, product configuration and document revision for each order.



HOW TO USE THIS DATASHEET

Complete what is known - mark assumptions and missing data

- Attach the geotechnical report, layout, structural load schedule and interface drawings where available.
- Separate service, ultimate, accidental, construction and test load cases and name the governing design basis.
- State whether East Baoyu is being asked to supply product only, support selection, perform calculations, propose testing or provide installation support.
- List every requested document and approval deadline before quotation.
- Do not enter confidential, export-controlled or personal information in a public form; agree a secure transfer route first.

Critical limitation

Capacity and installation suitability cannot be confirmed from a generic diameter, length, helix or torque value. Project loads, ground conditions, installation observations, corrosion design, interfaces and the agreed verification route must be reviewed together.

1. PROJECT AND CONTACT

Field	Buyer entry
Project name / code	
Project country and site	
Buyer / EPC / owner	
Contact name, role and email	
Inquiry date and required response date	
Target delivery / installation date	
Confidentiality or NDA requirement	



2. SITE AND GROUND INFORMATION

Ground model and installation environment

Input	Buyer entry / source reference
Geotechnical report title, date and revision	
Investigation locations and coverage	
Soil/rock layers and variability	
Groundwater level and seasonal range	
Fill, obstructions, cobbles, rock or buried services	
Contamination, aggressive soil or stray current	
Frost depth, scour, erosion, flooding or seismic issues	
Topography, access, working platform and exclusion zones	
Proposed field verification or trial installation area	

3. FOUNDATION LOAD SCHEDULE

Load case / location	Compression	Tension	Shear	Moment	Units / level / notes

State design level, combinations, load directions, eccentricities, cyclic/dynamic requirements, settlement/displacement limits and required factors of safety. Attach the controlling schedule.



4. STRUCTURE AND INTERFACE

Connection, tolerance and service conditions

Input	Buyer entry / drawing reference
Supported structure and application	
Foundation grid and quantity	
Head plate, bracket or extension interface	
Bolt pattern, hole, weld or clamp requirements	
Elevation, adjustment and installation tolerances	
Temporary and permanent stability assumptions	
Drainage, clearance and inspection access	
Design life target and maintenance assumptions	

5. INSTALLATION AND TESTING

Input	Buyer entry / acceptance reference
Installer and equipment responsibility	
Installation tool, access and torque measurement route	
Position, inclination and termination criteria	
Refusal, obstruction and deviation procedure	
Extension / splice control	
Installation log fields and calibration records	
Trial installation or suitability test plan	
Proof / verification test method and quantity	
Acceptance criteria and approving engineer	
Nonconformance, repair and retest route	



6. MATERIAL, CORROSION AND DOCUMENTS

Specify the evidence needed with the product

Requirement	Buyer entry / project specification
Material grade and governing specification	
Coating / galvanizing / corrosion allowance	
Environment classification and soil data	
Coating inspection method and sampling	
Material traceability level and mark-transfer rule	
Mill/material certificate requirement	
Dimensional inspection and report	
Welding/NDT records if applicable	
Installation/test report and final index	
Packing, marking and shipment documents	
Record retention and final submission format	

7. RESPONSIBILITY AND RELEASE GATES

Gate	Responsible party	Required approval / record
Ground model accepted		
Loads and interfaces frozen		
Selection / calculation approved		
Trial / test route approved		
Drawing and ITP released		
Production / installation released		
Final records accepted		

Submission

Use the East Baoyu quotation route and reference document code EBY-PUB-GS-INPUT-001. Contact the team before sending confidential files.

Quotation: <https://eastbaoyu.com/get-a-quote/?product=screw-pile>

Ground screw technical guidance: <https://eastbaoyu.com/screw-piles/>

Testing methods: <https://eastbaoyu.com/research-methods/>