

RTD

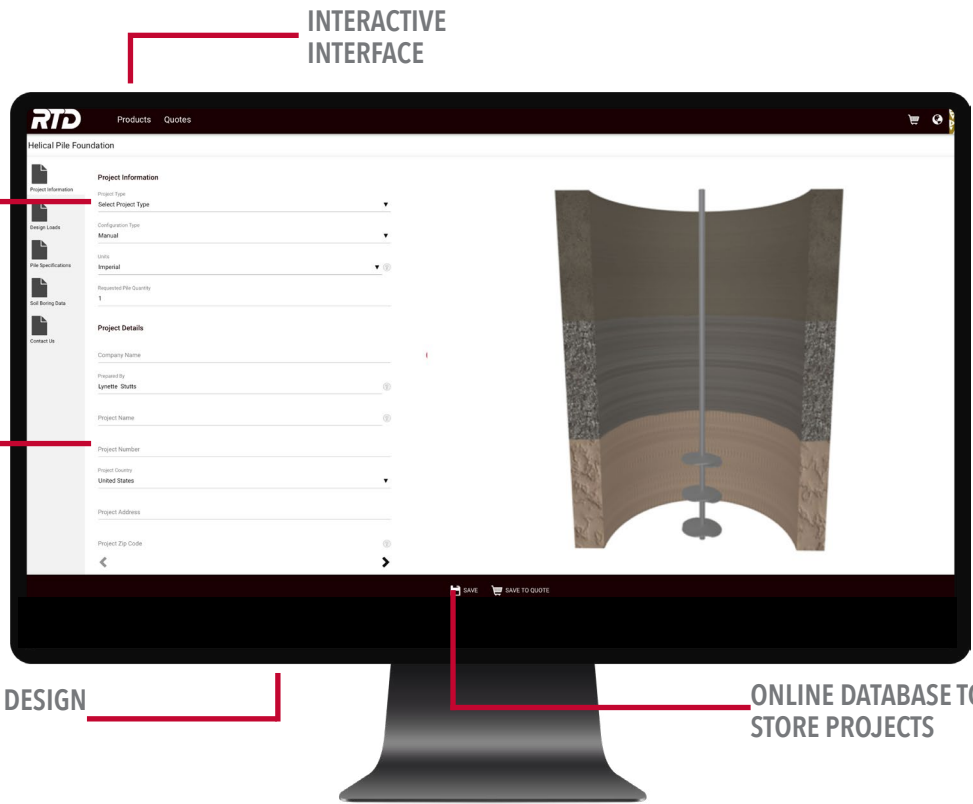
MacLean Real Time Design

HELICAL DESIGN SOFTWARE



NOW INCLUDES TIEBACK DESIGN ASSISTANCE

 **MacLean**TM
POWER SYSTEMS



COMPRESSION, TENSION, AND TIEBACK ANALYSIS

DETERMINES SOIL BEARING CAPACITY FROM SPT RECORDS

FULL HELICAL DESIGN SOFTWARE

ONLINE DATABASE TO STORE PROJECTS

CLOUD BASED HELICAL DESIGN SOFTWARE

EXPORTS REPORTS AND DOCUMENTS TO PDFS AND EXCEL SPREADSHEETS

The MPS RTD Helical Design Software allows design professionals to model helical piles and anchors in designer-defined soil conditions. The software allows the designer to perform multiple evaluations with varying soil conditions and helix configurations to make pile selection easier and more economical. The designer has the option to manually create pile configurations for evaluation or allow the software to automatically evaluate common pile configurations and select an economical configuration that meets the load requirements.

RTD calculates a default value for soil unit weight, internal friction angle, and cohesion based on SPT N values and soil description. The designer can override the default values if site specific data is available. RTD performs pile capacity calculations using Terzaghi bearing capacity factors, Rankine earth pressure coefficients, and the designer-defined site soil parameters to quickly select optimal helical piles and anchors in compression, tension and tieback applications.

RTD provides a powerful output of supporting documentation in Excel Spreadsheet and Adobe formats. The MPS RTD Helical Design Software can speed projects from concept to final design and on to project completion.



NO COST PRELIMINARY DESIGN SOFTWARE



EASY TO USE



FAST AND ACCURATE COMPARISONS



OPTIMIZES HELICAL DEPTH AND CONFIGURATION



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