



Tracked CPT Systems

Ready to bring your CPT operations to the next level?

Vertek Tracked CPT Systems are designed for deep soundings in tough geologies and easy maneuverability over difficult low ground and low pressure terrains. These CPT push systems range in sounding capacity from 10 to 20 tons (light, medium, and heavy).

No matter the type of soil test you are conducting, the Vertek Tracked CPT Systems will get you the data you need in any environment.

The hydraulic leveling system provides rapid leveling of the unit once it is on-site. This, coupled with the weight of the vehicle, enables soundings at greater depths, which frees the operator to safely complete actual soundings and less time deploying and recovering other auxiliary equipment such as anchors.

Offering 10 to 20 tons of push force, Vertek's Tracked CPT Systems are perfect for hard to reach areas and jobs requiring deep sediment penetration.

Tracked CPT Systems can be tele-operated or controlled via the existing driving station.



Features

Easy setup means more jobs

The hydraulic leveling system provides rapid leveling of the unit once it is on-site. Remote controls offer a safe stand off distance that can be wireless or tethered. The working environment is thermostatically controlled, offering year round comfort as well as sufficient storage.

Deepest possible CPT soundings

Vertek Tracked CPT Systems are typically equipped with 20 tons of push force and can be ballasted to achieve reaction weights required to utilize maximum push force through the toughest overburden geologies.

Cost-effective Configurations

Vertek became the world's leading geotechnical and environmental engineering manufacturer of heavy CPT push platforms by building on a number of different models to meet your specifications.

Easy Operation

Tracked CPT systems can be controlled via a tele-operated radio system or tether umbilical. CPT hydraulic controls can be either manual levers or a digital touchscreen.

Conquer Any Terrain

Vertek Tracked CPT Systems are mounted to steel tracks or can be mounted to a commercial carrier, giving you the ability to maneuver through the most challenging terrain to get the job done.



Technical Specifications

CPT push specifications

- 10-20 ton push capacity.
- 25 ton pull capacity.
- 42 inch cylinder stroke.

Hydraulic clamp

- Heat treated smooth jaws that won't scar the rods.
- 85,000 lbs of clamping force.
- Visible pressure gauge for verification.

Regenerative circuit

- Custom hydraulic manifold to decrease non-ASTM cycle times.
- Automatically comes out of regenerative mode for higher retraction loads.

Non-retractable guide tube

- Provides lateral support for rods while pushing.
- Threaded for installation of rod wiper or steam cleaning heads.

Manual or electronic hydraulic controls

- User intuitive levers or push button HMI.
- Independent joystick for manual operation.
- Highly visible hydraulic pressure gauges for system operation.

Safety clamp

- Secondary hydraulic rod clamp to hold rods when primary clamp is released.
- Visible pressure gauge for verification.



Tracked CPT Systems Customers



BRAUN
INTERTEC

The Science You Build On.



GEOTECHNOLOGY INC
FROM THE GROUND UP



**DEPARTMENT OF
TRANSPORTATION**



TOLUNAY-WONG
ENGINEERS



thompson
ENGINEERING

Tracked CPT System Testimonial

Terracon

***"My experience with Vertek CPT has
been nothing short of outstanding."***

- Michael, CPT Operator

Engineering firm Terracon came to Vertek looking for an effective way to conduct CPT operations in the challenging Midwestern glacial clays and sedimentary geologies. Terracon needed a CPT system that could push deep through these clays and in the event they needed support, they wanted a company that could provide support at a moments notice.

The solution? A 25 ton Vertek Tracked CPT System.

With the power and efficiency provided by the Tracked CPT System, Terracon continues to meet the needs of engineering firms and government agencies that trust them to provide the accurate data required to complete their projects.

Vertek is proud to be a trusted provider of CPT equipment to Terracon for more than a decade.



Our Commitment

When you purchase a piece of Vertek CPT equipment, you become part of Team Vertek. We provide every customer with unparalleled customer service and unlimited technical support. From helping you choose the best solution for your business to training and field support, we will be by your side and always just a phone call away.



Contact us today.

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