

VERTEK

DECADES OF CPT EXPERIENCE



Lightweight
CPT Trucks

Ready to bring your CPT operations to the next level?

Vertek manufactures a full line of Lightweight CPT Trucks for the geotechnical and environmental engineering industry's safest vertical sounding system.

Trusted by federal agencies and departments of transportation across the United States for decades, Vertek's Lightweight CPT Trucks are a perfect option for deep CPT penetration at an affordable price.

Offering 10 to 20 tons of push force with anchoring capabilities, Vertek's Lightweight CPT Trucks are perfect for hard to reach areas and jobs requiring deep sediment penetration.

Vertek CPT Trucks are designed, built, and tested by engineers and operators that understand you want power, efficiency, simplicity, longevity, and comfort.

Every Lightweight CPT Truck is custom-built to your needs and includes full training for your operators. If you are looking to enter the next level of CPT operations, the Lightweight CPT Truck is for you.



Features

Easy setup means more jobs

The hydraulic leveling system provides rapid leveling of the CPT unit once it is on-site. This, coupled with the anchoring capability of the vehicle, enables soundings at greater depths, which frees the operator to spend more time on completing actual CPT soundings.

Deep CPT soundings

Vertek Lightweight CPT Trucks are typically ballasted to achieve 10 tons of push force and can be anchored to create resistant reaction mass of 20 tons realizing the maximum push force of the sounding system.

Working platform

The Lightweight CPT Truck is built to create efficient and safe workflow. Steel plated flooring provides a rugged work surface that is durable and easy to clean. Rubber polymer mats can be added for increased standing comfort and reduced slipping hazards.

Cost-effective configurations

Vertek became the world's leading manufacturer of CPT systems by building on a number of different and robust models to meet our customers specifications. Vertek fabricates are work horses for 20 plus years of continual operations.



Technical Specifications

CPT push specifications

- 10 ton push capacity (ballast)
- 20 ton push capacity (anchored)
- 12 ton pull capacity (ballast)
- 22 ton pull capacity (anchored)
- 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.

Hydraulic leveling jacks

- Rugged tube in tube design for lateral support.
- Built in counterbalance valves for load holding.
- 4-inch diameter x 36-inch.
- 16-inch diameter pads.
- Shear wave strike plate optional.

Non-retractable guide tube

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

Manual hydraulic controls

- Lever operated functions, simple, intuitive, robust.
- Independent lever for ASTM push rate of penetration.
- Highly visible hydraulic pressure gauges for system operation.
- Optional electronic controls upgrade.

Safety clamp

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



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.

1 (800) 639-6315

sales@vertekcpt.com

www.vertekcpt.com