



Automated DCP

Have you been looking for a faster way to conduct DCP testing?

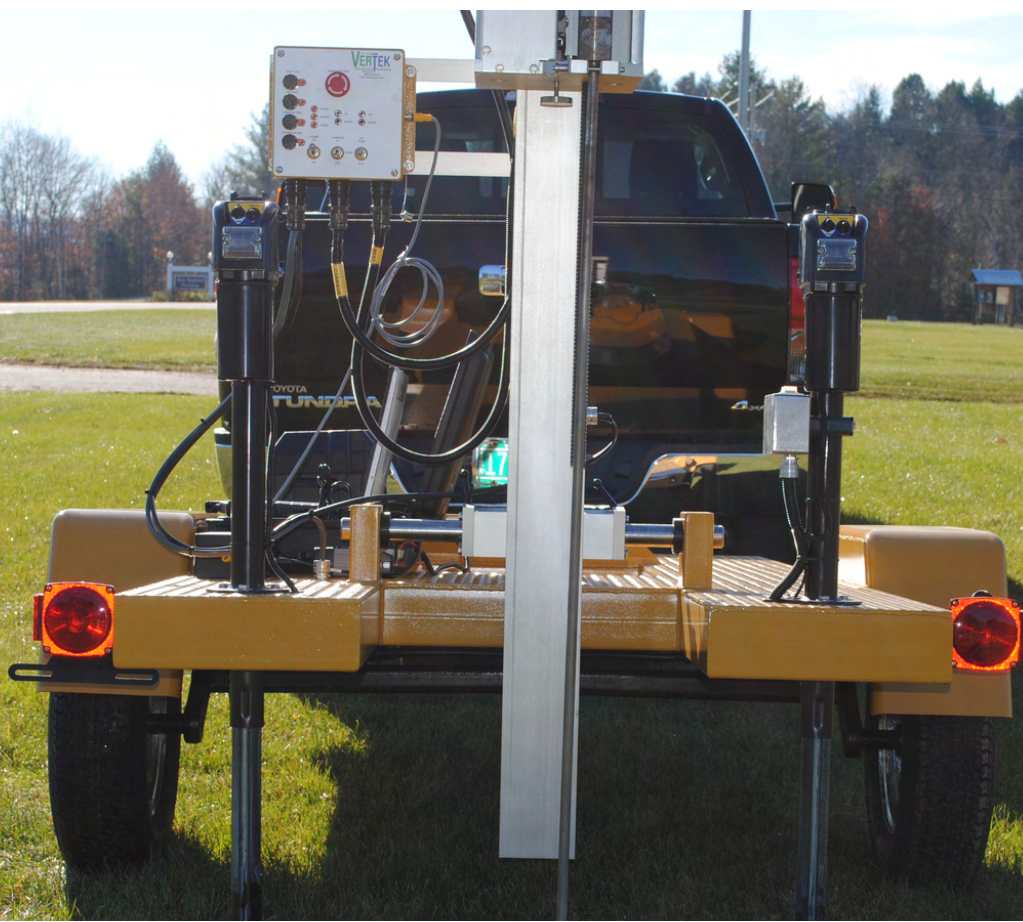
Say goodbye to the pen and paper and earn more money with Vertek's Automated DCP.

Vertek's ADCP speed, accuracy, and automation saves you time and money. The lift and drop mechanism delivers up to 40 blows per minute, more than 6 times the average manual speed. Since the penetration data is automatically recorded, it's safer, eliminates personnel, and increases efficiency.

With applications for trucks, ATVs, and trailers, there is no terrain you can't reach to get your DCP testing done.

Options for coring concrete or asphalt are available. The ADCP easily be controlled and positioned to begin testing layers beneath asphalt and/or concrete once the pavement is cored. Disposable field penetration tips and robust mechanical systems make for easier retraction after reaching four feet below grade surface.

The Data Acquisition System (DAS) provides on-site, real-time registration of blow count and depth. The DAS also provides automatic conversion of data and displays California Bearing Ratio (CBR), DCP Index, and blows versus depth. Additional data reduction of exported data can be completed for Limestone Bearing Ratio (LBR), sub grade modulus K, resilient modulus E, and Soil Support Value (SSV).



The ADCP Advantage

ADCP Method

Manual Method

Safer

Virtually eliminates worker fatigue and the risk of muscle strain and hand or finger injuries.



Less Safe

Manual lifting of the weight may lead to worker fatigue and result in injuries.

6-7x Faster

One person operation, 7 to 14 tests per hour (typical), results in approximately 1/5 the labor cost of manual DCP.



Less Efficient

Two (or three) person operation, 2-5 test per hour (typical), results in high labor costs.

More Accurate

Data automatically collected, recorded, and available to the operator in real-time.



Inaccurate Data

Data collected and recorded manually can result in mistakes and delayed results.

Less Breakage

Removal of ADCP shaft after test completion is automated and causes no damage to mechanism.



More Breakage

Removal of DCP shaft after test completion is difficult and sometimes damages unit.

ADCP Trailer Features

CARRIER

TYPE TRAILER

BRAKES NO

ADCP

TIP 60° CONICAL TIP

ROD 0.625-INCH DIAMETER

HAMMER 17.6 POUND

DROP HEIGHT 22.6 INCHES

PENETRATION DEPTH 50.0 INCHES

BLOWS PER MINUTE UP TO 40

DIMENSIONS

L X W X H 150 IN X 68 IN X 55 IN

WEIGHT 1,500 POUNDS

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