

POWERCORE™

9410



Made in the U.S.A.

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THE FACTS.

The PowerCore™ 9410 allows you to limit the number of employees needed on site. Each model is set up with our standard direct push capability by using a 200 ft-lb. hydraulic hammer along with a 2400 ft-lb. hydraulic core motor that can core through concrete and asphalt to allow access for the collection of intact continuous soil cores.

The PowerCore™ 9410 model has all the same features and robust design as our direct push machines. It's powered by a Kohler KDI 1903 (Tier4F) Turbo Diesel engine that provides plenty of power. It powers a 3,000 ft-lb torque auger motor at 50 RPM on low, 150 RPM on high, and a 3rd position for high-speed coring up to 650 RPM. Matched with our 200 ft-lb direct push hammer, new 72" stroke mast oscillation design, and optional 3,000 ft-lb overhead winch system makes this the most versatile truck-mounted PowerCore™ we have ever built. Also available is our mast mounted auto-drop hammer to access all of the geotechnical demands in today's market.

All trailer and truck-mounted models can be customized with on-board generators, a slurry-vac system, a 75-gallon fresh-water tank, a 75-gallon recovery waste-water tank, tooling racks, and lockable aluminum storage compartments to fit your specific needs.

POWERCORE™ 9410

MAST & PROBE

- Hammer specs: 200 ft/lbs @ 2120 bpm
- Auger specs: 3,000 ft-lbs
- Head Travel Up: 12 sec
- Head Travel Down: 6 sec
- Mast stroke: 72"
- Foot stroke: 36"
- Push down force: 27,500 lbs
- Pullback force: 42,500 lbs
- In / Out travel: 10"
- Side to side movement: 8"
- Mast Oscillation: 15" each side

CORING

- High Speed: 650 RPM

AUGERING

- High Speed: 150 RPM
- Low Speed: 50 RPM

ENGINE

- Engine: Kohler KDI 1903 Turbo Diesel
- Horsepower: 56 hp
- Hydraulic oil pressure: 3,200psi
- Hydraulic flow rate: 18 gpm
- Hydraulic fluid capacity: 18 gal
- Fuel type: Diesel
- Fuel capacity: 18 gal

DIMENSIONS

TRANSPORT

- *Transport Length: 14' 5"
- *Transport Width (with bed): 96"
- *Transport Height: 121"

WORKING

- Overall Length: 134"
- Overall Width (with bed): 96"
- Overall Height (with winch): 175"

TOTALS

- Total PowerCore™9410 Weight: 7,340 lbs.

**Weights and dimensions are dependent on carrier vehicle.*



Types of investigations performed with the PowerCore™

- Geotechnical
- Soil investigations for new roads
- Delineation of soft subgrade
- Groundwater depth
- Depth to bedrock
- Frost heave
- Roadway settlement
- Contaminated soils delineation
- Bituminous pavement distress
- And more!



CUSTOMER SERVICE

Everyone at AMS is dedicated to exceeding our customers' needs and expectations. From answering questions about availability, use and care, to developing customized products, we're here to help. Call 208-226-2017 or 1-800-635-7330 for more information.



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"Idaho Transportation Department... has purchased 3 custom-built AMS PowerCore Systems over the years... Not only have we seen an increase in productivity but increased safety for our drill crews and the traveling public."
-- Idaho Transportation Department Personnel



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**EQUIPPING THE WORLD TO
SAMPLE THE EARTH**