

POWERCORE™

9400



Made in the U.S.A.

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THE FACTS.

The PowerCore™ 9400 allows you to limit the number of employees needed on site. This asphalt & concrete coring system provides a convenient, cost-effective method for retrieving a sample of concrete or asphalt for materials tests, or to collect soil samples from below the pavement. Rather than having to remove large sections of the concrete or asphalt, simply core a small-diameter hole. Then you can collect clean core samples or easily collect intact concrete and asphalt cores for testing and sampling. The PowerCore™ 9400 is set up with a high-speed hydraulic core motor and our standard direct push 90 ft-lb. hydraulic hammer used for direct push soil sampling so you can collect semi-undisturbed soil samples below the surface.

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. Optional two rear-mounted outrigger jacks for increased stability are also available.



POWERCORE™ 9400

MAST & PROBE

- Hammer specs: 90ft/lbs @ 1,100bpm
- Auger specs
- High Speed: 1080 RPM
- Low Speed: 115 RPM
- Head Travel Up: 14 seconds
- Head Travel Down: 10 seconds
- Mast stroke: 60"
- Foot stroke: 60"
- Push down force: 13,600 lbs.
- Pullback force: 20,200 lbs.
- In / Out travel: 20"
- Side to side movement: 47"

ENGINE

- Engine: Kohler CH680-3001
- Horsepower: 20.8 HP
- Hydraulic Oil Pressure: 2,100 PSI
- Hydraulic Flow Rate: 9.5 GPM
- Hydraulic Fluid Capacity: 7.8 gal.
- Fuel Type: Gasoline
- Fuel Capacity: 5.7 gal

DIMENSIONS

TRANSPORT

- *Transport Length: 102.25"
- *Transport Width: 71.125"
- *Transport Height: 67"

WORKING

- Overall Length: 140.5"
- Overall Width: 71.125"
- Overall Height: 102"

TOTALS

- Total PowerCore™ 9400 Weight: 3,640 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**