cme85

This rig has big power. And it was built to handle that power. It's not just an upgrade of an existing model. There are no compromises. Everything is heavy-duty. Like all CME drills, the CME-85 is designed with many features for easy operation. A patented hydraulic kelly bar lift system, for instance, makes coupling and uncoupling the kelly bar to the right angle drive virtually effortless.

The transmission has five forward gears so there's a rotation speed and torque combination for just about any situation, from large diameter auger drilling to deep rotary jobs. With 20,000 foot pounds of torque, the CME-85 can handle hole sizes up to 18 inches (46 cm) in diameter using hollow stem augers.

rigspecs

Engine
Cummins 6BT, 359 cubic inch 6 cylinder turbocharged diesel engine.

Hydraulic Hoist
Pullback • 12,000 lbs.
Rate • 133 ft. per minute

Rotary drive
Clutch, heavy duty • 13 inch
Transmission • 5 speed forward, 1 speed reverse
Rotary Torque • 21,366 foot pounds
Rotary Speed • up to 414 rpm

Hydraulic feed system
Retract force • 48,000 pounds
Pulldown force • 28,000 pounds
Hoist rate • 95 feet per minute
Feed Rate • 84 feet per minute
Stroke • 75 inch

Leveling system
Three jacks, inverted design with chrome-plated piston rods enclosed at all times.

Model Year
2003 & 2005

Other Rig Specs
33 ft. mast
Automatic hydraulic SPT hammer
3 speed cathead
Moyno 3L8 water pump
Hydraulic rod holder
Hydraulic breakout wrench
330 gallon stainless steel water tank
Triplex mud pump

Available Support Equipment & Tooling
8", 10" 12", and 18" Extra Heavy Duty augers
CME Dry Core System w/3 - 5' core barrels
Multiple Lead auger assemblies
Stainless steel splitspoon samplers
1.5 yard mini-dumpsters
Pavement coring attachment
Ford support panel truck
CME custom decontamination trailer
140# Inhole wireline sampling hammer
280# Inhole wireline sampling hammer
Hex rods
NW rods
Hand augers
Year 2004 12,000# Forklift
2" Cement mixer/pump
Sampler tripod/vice
Tremmie pipe
Flowmeters
Welder and cutting torch

Spindle brake stops rotation in an instant.
Emergency spindle brake can stop rotation in less than a revolution. This system is activated by two conveniently located push button switches, as well as by strategically located multi-directional wobble switches..

Maintainence
Servicing of all WDC equipment is performed on a continual basis according to rig components manufacturers' recommendations. At a minimum, a complete rig inspection is preformed weekly and service is performed monthly. WDC takes pride in operating the newest and best maintained equipment in the drilling industry.

AMERICA'S FASTEST-GROWING Inc. 5000 PRIVATE COMPANIES

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