

CME-55LCX



Low clearance drill

The compact CME-55LCX combines the performance you have come to expect from the CME-55 and the full function low clearance capabilities of the CME-55LC, with even more power. This high-torque machine features a new 130 horsepower diesel engine and can crank out up to 12,100 foot pounds of rotary torque.

The CME-55LCX has a unique feed and retract system and a quick disconnect mast that allows you to work under service station canopies, bridges or other overhead restrictions. The overall set-up height with the mast disconnected is only 12 foot, 1 inch when mounted on the CME-300 tracked carrier. A truck mounted CME-55LCX is also available.

Disconnecting the mast is quick and easy. You simply clamp it to its storage rack while in the horizontal position and extend the drill's in-out slide base. This pulls the sockets on the upright drill frame away from the large tapered pins on the mast.

Low clearance sheaves allow efficient use of hoists on low clearance jobs.

The CME-55LCX is available with many options to help get the job done as efficiently as possible. It can be equipped with slide bases, auger racks, tool boxes, automatic SPT hammer, hydraulic rod holder/break-out wrench systems and more.

The optional automatic SPT hammer even has a secondary lifting system for low clearance situations that restrict the height the hammer can be raised.

The CME-55LCX and the CME-300 remote controlled tracked carrier make an excellent team for low clearance drilling jobs. Since the CME-300 is designed specifically for carrying CME drill rigs, there are no compromises. It has the best center of gravity for both mobility and drilling. And you won't find a more rugged carrier in its class. The planetary drives and triple walking beam suspension allow this machine to climb hills, traverse mud, sand, rocks, and snow...all while your operator's feet are planted firmly on the ground.

And since the rubber tracks will not damage most pavement, you can also use this rig anywhere you might use a truck mounted drill.

The CME-55LCX. Low clearance, high performance.



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Power

Cummins QSB 4.5 L (275 cubic inch) turbocharged and charge air-cooled 130 hp 4 cylinder diesel engine

Carrier

Track width.....17.7 in. (45 cm)
Avg. ground bearing pressure.....5.2 psi (.366 kg/cm²)
Suspension.....triple walking beams
Turning radius.....in place
Drive.....hydraulic motor/planetary wheel drives
Steering.....remote radio controlled guidance
Hydraulic front winch.....15,000 lb. (6,804 kg)
Auger & rod racks.....standard
Tool boxes.....standard

Gradeability

Straight ahead climb.....50% grade
Side-hill traverse.....36% grade

Rotary Drive

Clutch, heavy duty.....13 inch (33 cm)
Transmission.....5 speed forward, 1 speed reverse
Rotary torque12,100 foot pounds (16,405 Nm) max
Rotary speed.....up to 576 rpm max
Hollow spindle I.D.....2 3/4 inch (3 3/4 inch avail.)

Hydraulic Feed System

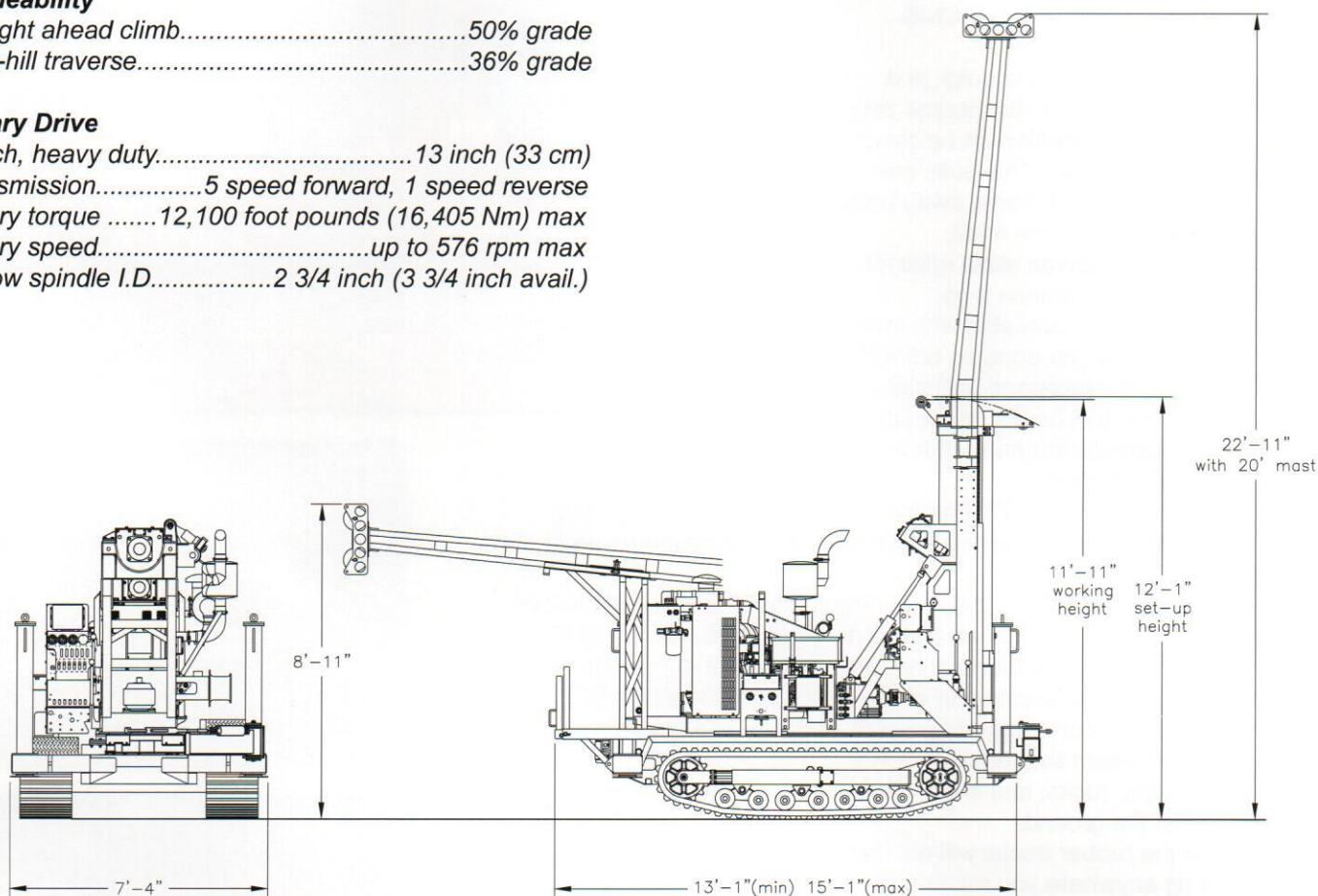
Retract force.....27,615 pounds (12,526 Kg)
Pulldown force.....19,750 pounds (8,958 Kg)
Retract rate (max).....45 feet (13.7 m) per minute
Rapid retract rate (max).....95 feet (29 m) per minute
Feed rate (max).....65 feet (19.8 m) per minute
Stroke.....72 inch (183 cm)

Leveling System

Four jacks, inverted design with chrome-plated piston rods enclosed at all times
Stroke.....36 in. (91 cm)

Weight (Approximate)

Empty.....17,600 lbs.(7,983 kg)



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Performance ratings are based on engineering specifications, calculations and accepted industry standards. Capacities may vary according to drilling conditions.
CME reserves the right to amend these specifications at any time, without notice.

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