

# 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 produce almost 12,000 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 restricts 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. The rubber tracks will not damage most pavement so you can also use this rig anywhere you might use a truck mounted drill. 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.



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

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### Power

Cummins QSF 3.8 L (229 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/cm<sup>2</sup>)  
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 torque .....11,950 foot pounds (16,202 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

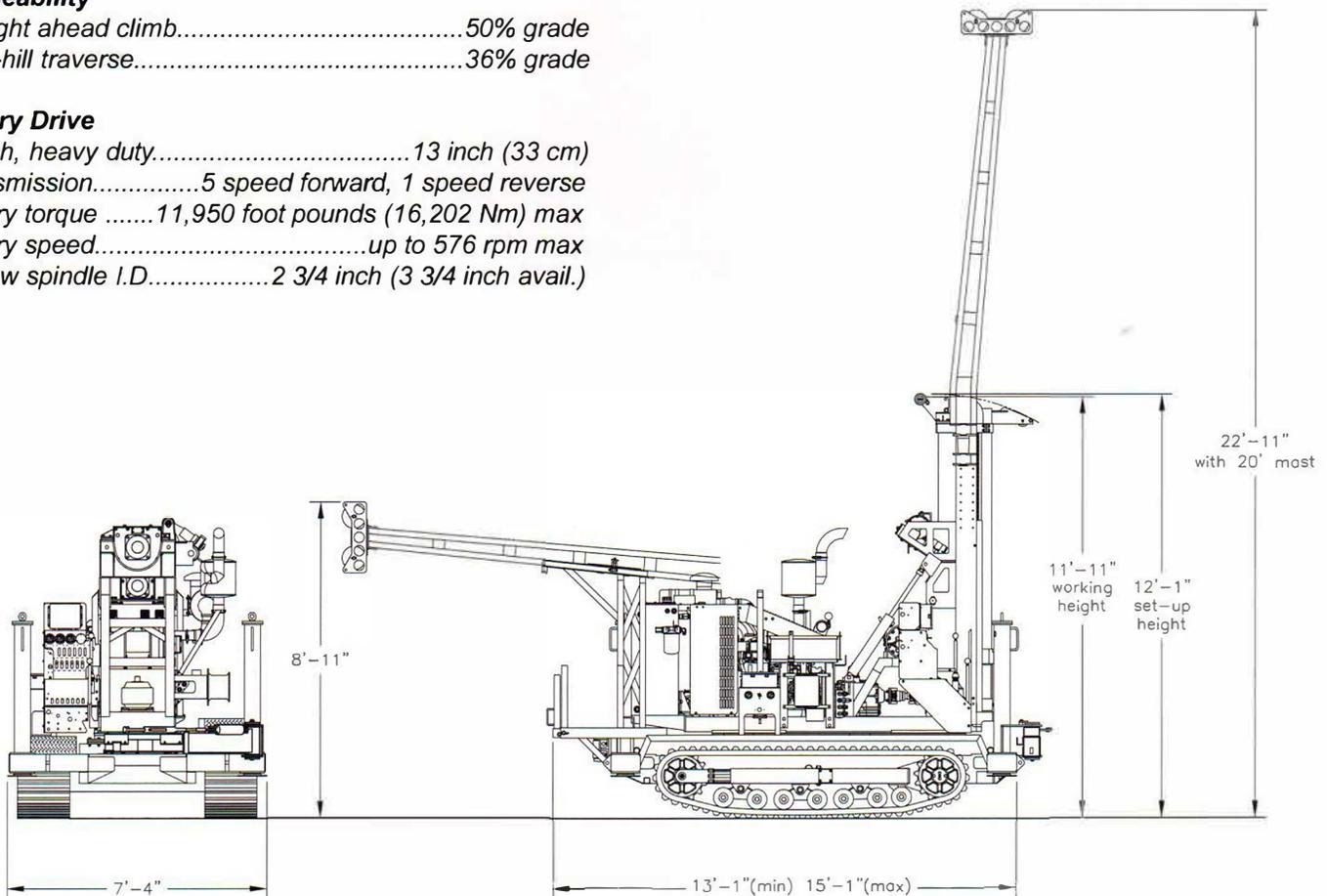
Retract force.....27,615 pounds (12,526 Kg)  
Pulldown force.....19,750 pounds (8,958 Kg)  
Retract rate (max).....45 feet (13.7 m) per minute  
Rapid retract rate (max).....95 feet (29 m) per minute  
Feed rate (max).....65 feet (19.8 m) per minute  
Stroke.....72 inch (183 cm)

### 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)



## CENTRAL MINE EQUIPMENT COMPANY

4215 Rider Trail North, Earth City (St. Louis), Missouri, 63045 USA

Phone: 314-291-7700 1-800-325-8827 FAX: 314-291-4880

E-mail: [info@cmeco.com](mailto:info@cmeco.com) Website: [www.cmeco.com](http://www.cmeco.com)

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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