

***Low clearance
High performance***



CME-55LC

- Cummins diesel 120 horsepower engine
- Spindle torque rating up to 10,410 ft/lbs
- LC feed and retract system allows full operation in just 12 feet of overhead clearance
- Full 20 foot quick disconnect mast for normal operations
- Quickly converts to low clearance for limited overhead clearance situations
- CME automatic SPT hammer includes secondary lifting cylinder for low clearance operation
- CPT and MWD options available
- CME-300 remote control driven rubber track carrier
- Truck and trailer mount options available

CENTRAL MINE EQUIPMENT COMPANY
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CME-55LC



Low clearance drill

Power

Cummins QSF 3.8 L (229 cubic inch) Tier 4F turbocharged
120 hp 4 cylinder diesel engine

Carrier

Track width.....12 in. (30.5 cm) standard
18 in. (45.7 cm) optional
Avg. ground bearing pressure.....5.2 psi (.387 kg/cm²)
Suspension.....triple walking beams
Turning radius.....zero turn
Drive.....hydraulic motor/planetary wheel drives
Steering.....remote radio controlled
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, standard7,963 foot pounds (10,796 Nm)
Rotary speed, standard.....up to 868 rpm
Rotary torque, high torque.....10,410 foot pounds (14,114 Nm)
Rotary speed, high torque.....up to 664 rpm
Hollow spindle I.D.....2 3/4 inch (7 cm) standard
3 3/4 inch (9.5 cm) optional

Hydraulic Feed System

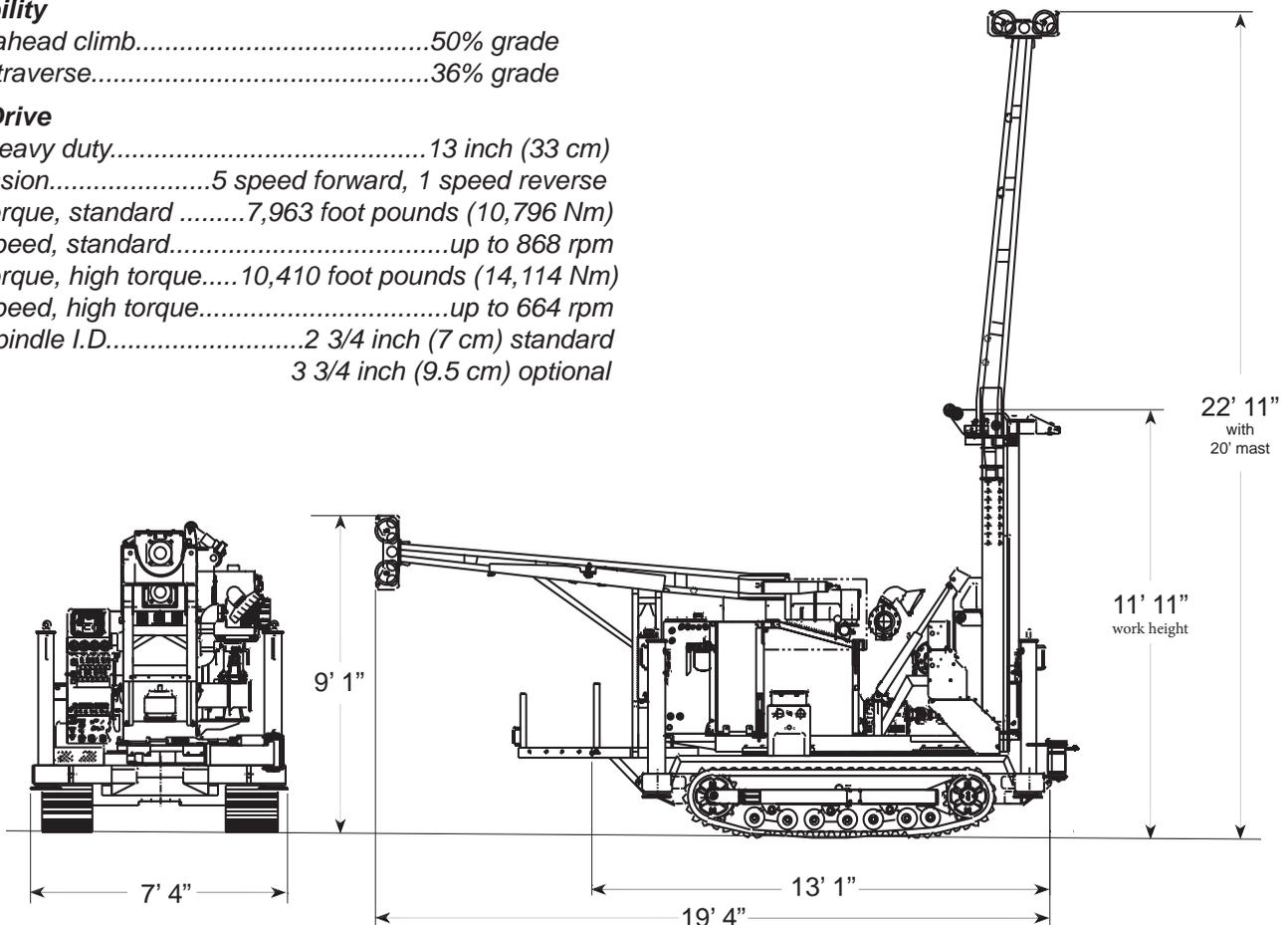
Retract force.....27,615 pounds (12,525 Kg)
Pulldown force.....19,750 pounds (8,958 Kg)
Retract rate (max).....45 feet (13.7 m) per minute
Rapid retract rate (max).....95 feet (29 m) per minute
Feed rate (max).....65 feet (19.8 m) per minute
Stroke.....72 inch (183 cm)

Leveling System

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

Weight (Approximate)

Empty.....18,500 lbs. (8,391 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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