

GEFCO 50K

Top Head Drive Drilling Rig

All the benefits of 30K with more capacity. With 50,000 lbf of top head hoist, a wider mast and table this drill can handle large casing loads associated with shallow municipal water wells and deep residential water wells with ease.



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50K STANDARD SPECIFICATIONS

Mount	6 X 4 truck, 565 hp diesel, 68,000 lbs (30,845 kg) gwvr
Mast	35 ft (10.7 m) height above breakout table
Tophead	5,833 ft-lbs (7,909 nm) of torque. 0-120 rpm, 2 11/16 in (68.2 mm) diameter opening through quill. 29 ft (8.8 m) of travel
Pulldown/ Holdback	Pulldown capacity of up to 25,000 lbf (110 kn) Holdback capacity of up to 50,000 lbf (180 kn)
Hydraulic Hoisting Drum	25,000 lbf (110 kn) winch over jib boom. Line runs over jib boom for positioning pipe over the centerline of the bore hole or pipe rack
Leveling Jacks	Hydraulic leveling jacks; two (2) 48 in (1219 mm) stroke front jacks located behind truck cab. Two (2) 36 in (914 mm) stroke rear jacks
Air Compressor	2-stage twin screw 1,000 cfm @ 350 psi (28.2m³min/24.1 Bar) equipped with clutch
Breakout Table	Retracts hydraulically to provide 18 in (457 mm) opening in frame. Sliding holding wrench to hold pipe
Water Injection	25 gpm (95 lpm) four (4) cylinder pump
Lubricator	Seven (7) gal (26.5 L) capacity, electronically controlled max displacement 3 qt/hr (2.8 L/hr)
Carousel	Six (6) pod carousel for 4 1/2 in x 20 ft (114 mm x 6.1 m) or 3 1/2 in x 20 ft (88.9 mm x 6.1 m) drill pipe
Pipe Loader	Single pipe loader for 4 1/2 in x 20 ft (114 mm x 6.1 m) or 3 1/2 in x 20 ft (88.9 mm x 6.1 m) drill pipe
Pipe Spinner	Hydraulically powered spinner for spinning pipe in or out
Breakout Wrench	60 in (1.5 m) pipe wrench hydraulically controlled
Pipe Carrying Rack	Mounted on the right side of the frame. Maximum capacity of 15 pieces of 4 1/2 in x 20 ft (114 mm x 6.1 m) drill pipe or 18 pieces of 3 1/2 in x 20 ft (88.9 mm x 6.1 m) drill pipe, total pipe capacity
Remote Jib Controls	Independent controls located opposite driller's side for jib & winch functions
Weight and Dimensions	Length: 35 ft 6 in (10.8 m) width: 8 ft 6 in (2.6 m) height: 13 ft 3 in (3.8 m) Approximate weight: 56,000 lbs (25,401 kg) based on options

POPULAR OPTIONS

Mud Pumps	Choose from 5 x 6 piston pump, 4 x 3 centrifugal pump or diaphragm pump
Auxiliary Winches	Tool handling winches available
Engine Heater	40,000 BTU engine heater
Welder	Hydraulically driven welder with accessory power and weatherproof cover (diesel option)
Casing Hammer	Hydraulic or air operated casing hammer package