



The **GEFCO 50K**, has all the benefits of the GEFCO 30K with more capacity. With 50,000 lbs. 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.

The **GEFCO 50K** has the same features that have made the 30K a leader including; a single rod loader for quick and safe connections, air operated compressor clutch for fuel savings and noise reduction during times when air is not needed.

GEFCO 

An Astec Industries Co.



50K

Top Head Drive Drilling Rig



An Astec Industries Co.

SPECIFICATIONS

**MOUNTING
MAST
TOPHEAD**

6 x 4 Truck, 565 HP diesel engine, 68,000 lbs (30,845 kg) GWVR.
35 ft (10.7 M) height above breakout table.

PULLDOWN/HOLDBACK

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.

HYDRAULIC HOISTING DRUM

Pulldown capacity up to 25,000 lbs (11,340 kg). Holdback capacity up to 50,000 lbs (22,680 kg).

LEVELING JACKS

Standard 25,000 lbs winch over jib boom. Optional 2-part winch through crown block rated for 50,000 lbs (22,680 kg) with 4,000 lb (1,814 kg) pipe handling through the jib boom.

**AIR COMPRESSOR
BREAKOUT TABLE**

Hydraulic leveling jacks; two (2) 48 in (1,219 mm) stroke front jacks located behind truck cab. Two (2) 36 in (914 mm) stroke rear jacks.

**WATER INJECTION
LUBRICATOR**

2-Stage twin screw 1,000 CFM @ 350 PSI (28.2m³min/24.1 bar). Equipped with clutch. Retracts hydraulically to provide 18 in (457 mm) opening in frame. Sliding holding wrench to hold pipe.

CAROUSEL

18 GPM (68 LMP) pump standard. 25 GPM (94 LPM) pump optional. Seven (7) gallon (26.5 L) capacity, electrically controlled. Maximum displacement 3 qt/hr (2.8 L/hr).

PIPE LOADER

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 included).

**PIPE SPINNER
BREAKOUT WRENCH
PIPE CARRYING RACK**

Single pipe loader for 4 1/2 in x 20 ft (114 mm x 6.1M) or 3 1/2 in x 20 ft (88.9 mm x 6.1M) drill pipe.

Hydraulically powered spinner for spinning pipe in or out. Modified 60 in (1.5 M) pipe wrench hydraulically controlled.

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 and 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.

WELDER

Hydraulically driven welder with accessory power and weatherproof cover (Diesel option)

ENGINE HEATER

40,000 BTU Engine heater.

CASING HAMMER

Hydraulic or air operated casing hammer package.

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