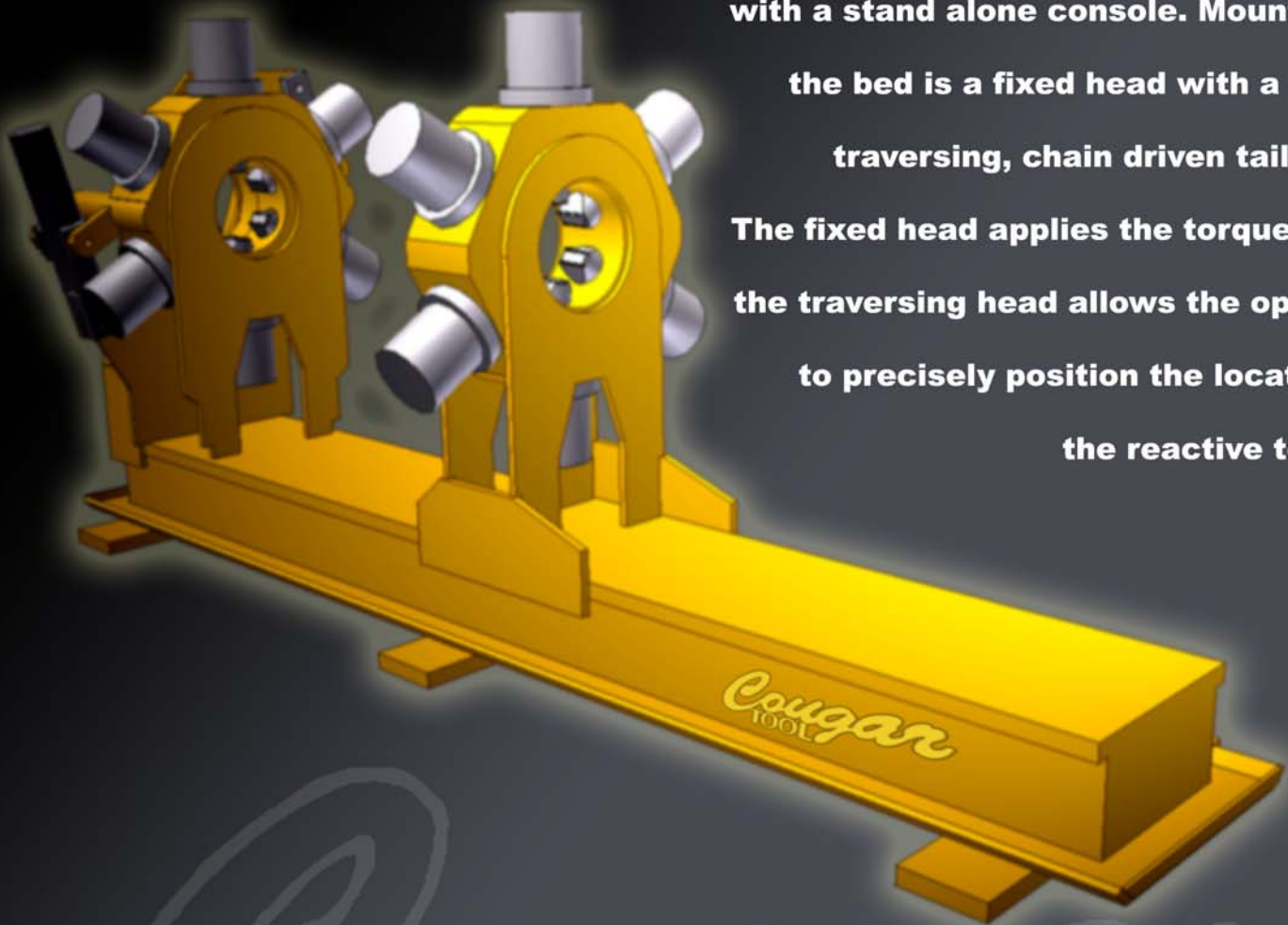


BU1-1500 BREAKOUT UNIT

The Cougar BU1-1500 Breakout Unit is an extremely robust make/break machine. The unit allows the operator to apply a torque to a connection without applying a damaging side load, guaranteeing an accurate connection make up and easy, fast servicing of drilling tools and motors. The BU1-1500 consists of a breakout bed

with a stand alone console. Mounted on the bed is a fixed head with a power traversing, chain driven tailstock. The fixed head applies the torque while the traversing head allows the operator to precisely position the location of the reactive torque.



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The bed features enclosed traverse drives for added safety and less maintenance and a full drip tray to contain harmful fluids. The clamping force is uniformly applied and proportional to the diameter to ensure that delicate components are not damaged during servicing.



The control console houses the electric drive motor and hydraulic pumps along with the required controls and the hydraulic reservoir. The console requires the only electrical connection to operate the breakout. The stand alone control console allows maximum flexibility of unit placement for ease of use and safety.

A new feature to the breakout is the data logging acquisition system. Its function is to monitor pressure levels, resolve them to torque and log each connection on file for future reference.

General Specifications

- 175,000 ft-lbs make-up torque
- 250,000 ft-lbs break torque
- Accommodates 3 1/2" to 14" tools
- 15' bed accommodates long tools
- Safe 3,000 PSI system pressure
- Extra heavy duty construction to guarantee durability
- Can read as low as 7,500 ft-lbs
- Leveling jacks on both head stock and tail stock

Electrical Specifications

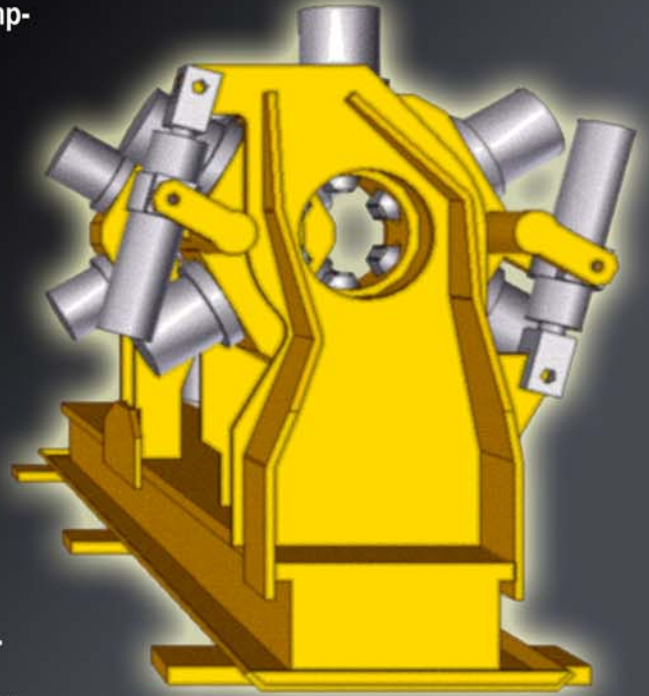
- 30hp electric motor, 22kW
- Customer specified voltage and frequency

Options

- Tailstock Spinner, 500 ft-lbs at 6 1/2" O.D.
- Push/pull cylinder, 48" stroke at 20,000 ft-lbs

Data Logging Acquisition System (optional)

- Measures and records make-up, break and clamping pressure
- Prints a torque report
- Values available in both metric and imperial units
- Make-up torque values for all Cougar products available on screen
- Industrial 19" monitor to display torques



BU1-1500 BREAKOUT UNIT



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