

Thrust Frame - Single Stage - 240A



Part No. FA40027F

- **Designed To Work In Stand Alone Or Auger Boring Operation**
- **48" Stroke Cylinders For Smooth, Continuous Frame Advancement**
- **Increase Productivity Of Your Auger Boring Machine With Line & Grade Accuracy**



Optional Base Frame

FEATURES

- Single stage frame assembly consists of the single stage frame, drive swivel adapter, alignment adapter, jacking psi control valve (for soft rock steering head tooling) and pilot tube hydraulic make-up tool. Frame mounted on standard universal adapter or optional base frame.
- Three speed hydraulic operator controlled motor.
- Two 48" cylinders advance and retract the gear box assembly.
- Hydraulic pressure gauges for monitoring jacking and rotation system pressures.
- Quick coupler connections with lock for easy and secure hydraulic hose installation.
- Jacking functions 0 to 26 gpm @ 5,000 psi.
- Rotation functions 0 to 34 gpm @ 5,000 psi.
- Increases both the accuracy and profitability of your auger boring machine by using the GBM 240A frame with your auger boring machine.
- Adapter designed for ease of installation or removal from auger rig track. No special tools or welding required. Adapter is bolted in place to GBM 240A jacking frame. Once pilot tubes are installed, complete bore as a standard auger boring operation.
- Designed for trench box shafts.
- Two stabilizer legs to aid in frame setup.

SPECIFICATIONS

Dimensions (width x length x height)

..... 48 x 118 x 55 in. (1219 x 2997 x 1397 mm)

Assembly Weight

Without Optional Base 4,500 lbs. (2,041 kg)

With Optional Base 5,300 lbs. (2,404 kg)

Cylinder Stroke 48 in. (1219 mm)

Operating Pressure (Max.) ... 5,000 psi (34,475 kPa)

Elevation* 27 to 33 in. (686 to 838 mm)

Operating Grade (Max.) 10%

* From shaft floor to drive center

Gear Box

Rotational Torque** ..10,500 ft-lbs (14,238 N·m)

Jacking Force 100 Ton (91 mt)

Pull Back Force 50 Ton (45 mt)

Hydraulic Motor Three Speed

High Speed 50 rpm

Mid Speed 37 rpm

Low Speed 25 rpm

** Output torque in low speed @ 5,000 psi



High pressure valves for jacking, rotation, & frame travel functions.



The quick couplers connect to the pressure, return, load sense, and case drain hydraulic hoses from the GBM Power Pack.



Low pressure valves for hydraulic make-up tool, rotation speed, and auxiliary functions.



Hydraulic pressure gauges for monitoring thrust and rotation system pressures.



Dual 48" Single Stroke Cylinders



The hydraulic make-up tool is used to tighten each section of the pilot tubes as they are installed in the launch shaft. In pull back operation, the make-up tool is used to separate the pilot tubes in the launch shaft.



Drive Swivel Adapter With Fluid Connector And Alignment Adapter