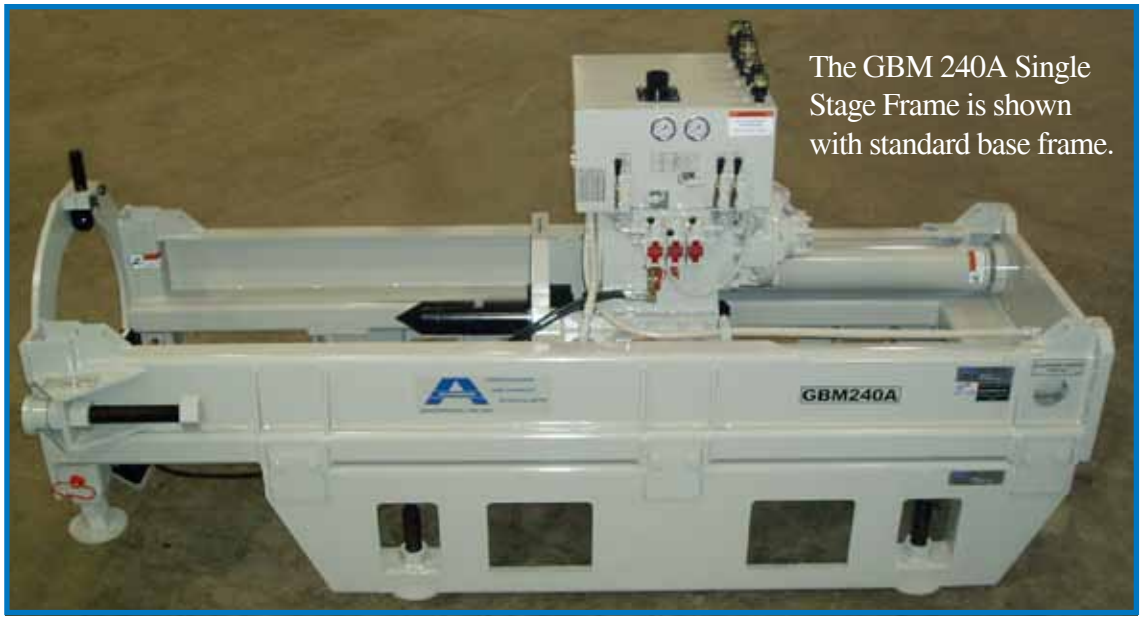
Thrust Frame - Single Stage - 240A

Part No. FA40027F

• Designed To Work In Stand Alone Or Auger Boring Operation •
• 48” Stroke Cylinders For Smooth, Continuous Advancement of Jacking Frame •



The GBM 240A Single Stage Frame is shown with standard base frame.

FEATURES

- Single stage frame assembly consists of the single stage frame, standard base frame, drive swivel adapter, alignment adapter, and pilot tube hydraulic make-up tool.
- Two 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.
- Designed for trenchbox 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 ..... 4,500 lbs. (2,041 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..... Two Speed
High Speed ..... 50 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 P100Q Power Pack.

Low pressure valves for hydraulc 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