

Powered Reaming Head: GBM Owners Must-Have Upsizing Tool



Brownsdale, MN – February 11, 2010 – Akkerman Inc. recently unveiled the Powered Reaming Head (PRH) upsizing kit for its Guided Boring Machine (GBM) system. This robust GBM accessory allows owners to bore multiple pipe diameters with just one set of 11" OD (279 mm) thrust casings and augers. The PRH's exclusive design and packaging makes it an essential tool for sanitary sewer installations and a must-own component for GBM customers.

The base 14" (356 mm) OD PRH unit features 16" (406 mm) and 20" (508 mm) OD increaser kits and corresponding pipe adapter rings to accommodate up to 20" (508 mm) OD pipe.* All PRH components rest on a customized rack for ease of transport and orderliness on the job site. The PRH front and rear sections can be launched separately to accommodate minimal diameter shafts. The PRH kit performs well with all Akkerman power packs and jacking frames.

The PRH augments the versatility of the GBM system through increased productivity rates, extended drives, and the capability to complete a wide range of jobs with less financial investment. Using smaller and lighter thrust casings and augers requires less torque than their larger counterparts, thereby facilitating a swifter and longer bore. Four jetting/lubrication lines on the PRH arms and the outside rear section allow operators to lubricate spoils and minimize jacking force. Customers will reduce their overhead costs by owning a single, more transportable 11" casing and augers assembly. In addition, customers will be able to bid a range of pipe sizes on one job.

Each unit features a maximum auger drive torque of up to 10,500 ft./lbs. (14,238 N·m) and 50 rpm. The PRH body increases in length from 62-64" (1,575-1,626 mm) and 15-21" (381-533 mm) in diameter. With the front and rear section combined, the PRH body weighs from 1,300-1,800 lbs. (590-1,116 kg).

Since 1973, Akkerman Inc. manufactures distinctive microtunneling, pipejacking, guided boring and earth pressure balance equipment. We attribute Akkerman Inc.'s reputation for superior reliability and responsive service to our team of experienced engineers, field technicians and our extensive parts department. For information on how they can assist your next project please visit www.akkerman.com or call 800.533.0386.

*GBM owners wishing to install pipe larger than 20" OD should refer to our Powered Cutter Head (PCH) line of equipment.

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