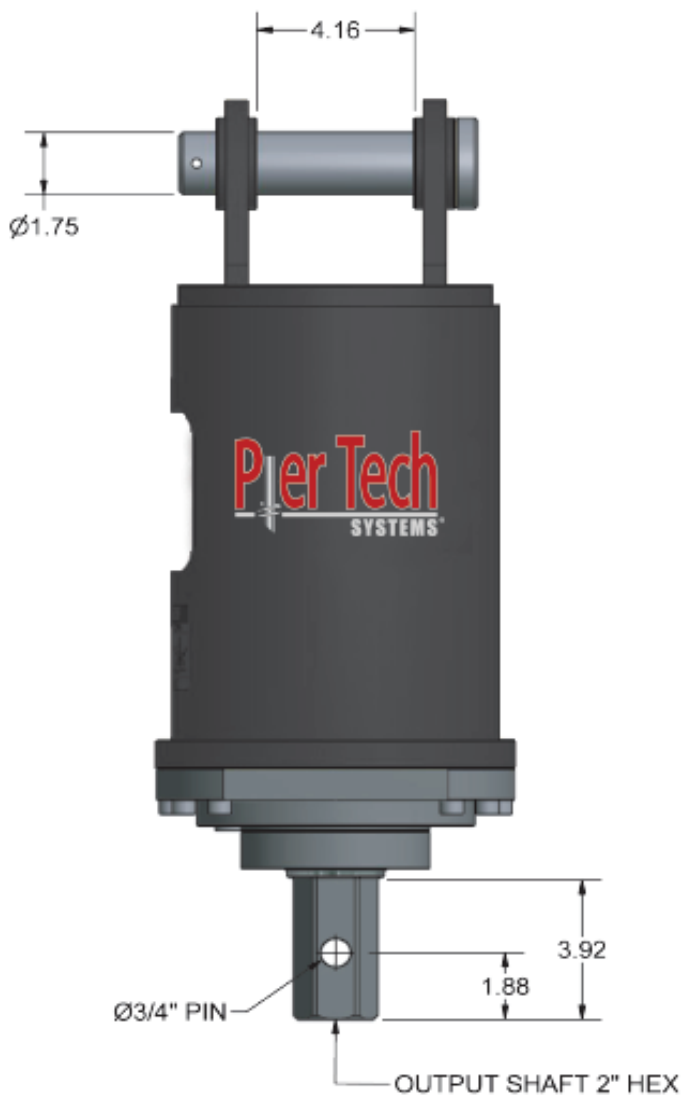


PORTABLE POWER. PRECISION PERFORMANCE. BUILT FOR TIGHT SPACES.

When your project takes you into basements, overhead spaces, or tight-access areas, you need compact equipment that still delivers serious torque. The PierTech™ 6K Handheld Helical Drive Head is the lightweight, portable solution for installers who can't afford to compromise on performance. Backed by PierTech's 25+ years of helical foundation expertise, this drive head is engineered specifically for pile installation—not adapted from augering tools. That means more efficiency, more control, and more confidence in the field.

FEATURES & BENEFITS

- **Light, Portable Gearbox** – Designed for handheld operation without sacrificing strength.
- **Premium Hydraulic Motor** – Built with Parker Hannifin quality for reliable performance under pressure.
- **High Radial Load Capability** – Single-piece shaft/gear carrier with taper roller bearings positioned on both sides for maximum durability.
- **Lifetime Shaft Pullout Warranty** – Peace of mind that your investment is built to last.
- **Optional Load Control Valve** – For added protection and control during screw pile applications.
- **Field Serviceable** – Easy to maintain and service, keeping downtime to a minimum.
- **Made in the USA** – Designed, manufactured, and serviced domestically to ensure quality and fast support.



Properties & Specifications

Motor Mount	SAE "A" 2 Bolt
Motor	198cc Bidirectional Speed
Min. Hydraulic Flow	5 GPM
Max. Hydraulic Flow	16 GPM
Max Continuous Pressure	2500 PSI
Unit Weight	132 lb.
Output Shaft	2" Hex

Output Speed and Torque

OUTPUT SPEED		ESTIMATED ACTUAL TORQUE	
GPM	RPM	PSI	FT-LBS
5	6.3	900	2281
10	8.1	1,200	3041
12	9.9	1,800	4,561
16	13.8	2,500	6,335

All output speed and torque specifications are theoretical. Torque values are calculated assuming 80% system efficiency; however, actual performance will vary based on the overall efficiencies of the prime mover's hydraulic system. This document is intended for informational and comparative purposes only. For application-specific criteria and recommendations, please contact PierTech for engineering guidance.

