



HAMMER&STEEL



GeoDrill™

THE HIGH
PERFORMANCE
DRILLING
ATTACHMENT

H A M M E R & S T E E L



GeoDrill™



The GeoDrill™ drilling attachment is the newest, high-tech design by ABI - Germany. This versatile drilling tool is a perfect match for many job sites including those with limited access, low-headroom conditions, and long-or high-reach requirements. The ABI design features rugged components for extremely reliable operation.

GeoDrill Features

- Patented design by ABI - Germany. Manufactured for the North American drilling market by Hammer & Steel, Inc., St. Louis, MO.
- Sales, rentals, parts and service support provided by the nationwide Hammer & Steel branch network.
- Typical drilling diameters of 18" to 60". Larger diameter holes can be drilled in certain conditions. Drilling depths of up to 60'.
- Streamlined installation on new and used excavator carriers from the 15-ton to 30-ton class.
- All Kelly Bar sets manufactured from high strength steel. Available in both **Square Friction** and **Round Locking** styles.





- Unlike truck-mounted units, the GeoDrill attachment and excavator carrier provide ultra-fast mobilization, extended reach and access to difficult drilling sites.
- Operator-friendly controls include two custom joysticks for all drilling functions. Reliable, illuminated touch screen display for level/depth control and troubleshooting.
- Rotary torque is supplied through the use of one ultra-high displacement, direct-drive hydraulic motor. Reliability and efficiency are greatly improved versus typical hydraulic motor and planetary designs.
- Universal drilling mast can be fitted with all rotary drive sizes, and can be ordered in standard and low-headroom configurations.
- Unique open design allows for better visual inspection of the Kelly Bars during drilling and easier routine maintenance.
 - The powerful and fast Kelly winch is mounted low for better C.G. and improved cable fleet angle. UHMW nylon sheaves reduce cable wear.
 - Grade angle correction up to 10 degrees left/right, 30 degrees fore/aft.
 - Kelly winch: 16,860 lb. line pull, 203 feet per minute. Optional auxiliary winch: 4,496 lb. line pull, 164 feet per minute.
 - Crowd cylinder force: 15,736 lb., Extraction cylinder force: 38,216 lb.





Hammer & Steel Inc.
Piling, Pile Driving Equipment,
Drilling Equipment, Parts & Service



GeoDrill™ Specifications

Specification	Units	MODEL			
		24/24LH	28/28LH	33/33LH	50/50LH
Rotary Torque	ft-lbs	23,600	28,310	33,061	49,606
	n-m	31,997	38,383	44,825	67,257
Typ. Max. Rotary Speed*	rpm	30 - 60	27 - 54	27 - 54	22 - 44
Typ. Spin-Off Speed*	rpm	100+	100+	100+	85
Attachment Height (standard configuration)	ft	23.3	23.3	23.3	23.3
	m	7.1	7.1	7.1	7.1
Attachment Height (LH, low-headroom configuration)	ft	14.0	14.0	14.0	14.0
	m	4.3	4.3	4.3	4.3
Typical Excavator Weight Class	m ton	18	20	25	30

*Performance specifications dependent upon selected excavator carrier. (Note: Design and specifications subject to change.)

H A M M E R & S T E E L B R A N C H L O C A T I O N S

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