



TEI ROCK DRILLS



HEM

HYDRAULIC DRILLING ATTACHMENT FOR EXCAVATORS

Ground Consolidation, Earth Retention, Rock Drilling

PO BOX 1309, MONTROSE, CO 81402 USA • (800) 777-3745 • (970) 249-1515 • www.teirockdrills.com



HEM | HYDRAULIC DRILLING ATTACHMENTS FOR EXCAVATORS



HEM550 installing hollow bar soil nails



TEJ grout swivel for hollow bars and standard single clamp



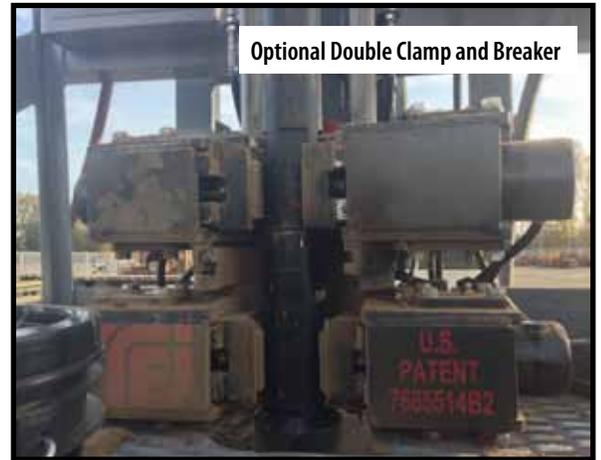
Optional protective guard meets the latest European Standards



Optional second 360-degree positioner

The HEM (Hydraulic Excavator Mount) is the most popular drilling attachment manufactured at TEJ Rock Drills. The stable excavator base with long boom combine to form an excellent drilling platform. The HEM receives hydraulic power from the excavator's hammer circuit; no additional hydraulic plumbing is required. TEJ solely uses their patented hydraulic drifters and feed systems to build the HEM. These unique drifters have an internal dampening system that only allows for full power when the drill string is engaged. A built-in swivel accepts air, water or grout for all types of drilling including the installation of the popular hollow bars.

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Standard Features of the HEM:

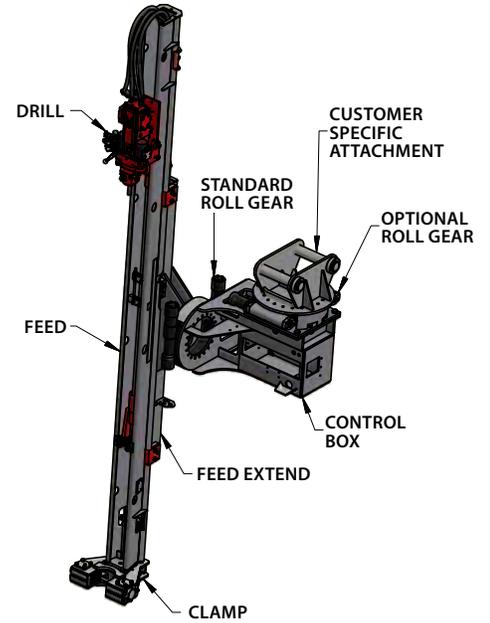
- TEI patented drifters or TEI rotary heads
- TEI patented feed and hose-roller system
- Radio/Cable controls with manual override
- HEM mount with 360-degree positioning
- Single hydraulic foot-clamp

Optional Features of the HEM:

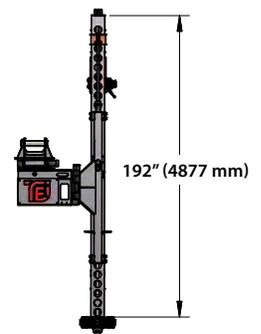
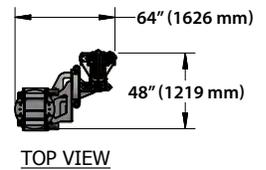
- Second 360-degree positioner
- Double clamp and breaker
- Misting for dust suppression
- Safety Cage per European Union requirements

HEM | HYDRAULIC DRILLING ATTACHMENTS FOR EXCAVATORS

	HEM350 WITH TE350 DRIFTER AND HCF11 FEED		HEM350R WITH RDS350 ROTARY AND HCF11 FEED	
	U.S.	Metric	U.S.	Metric
Hydraulic Flow	35 GPM	132 LPM	25 GPM	95 LPM
Hydraulic Pressure	2250 PSI	155 bar	2500 PSI	172 bar
Hole Size	1 3/8" to 3"	35 mm to 76 mm	2 3/4" to 8"	70 mm to 203 mm
Total Length	16 feet	4.9 meters	16 feet	4.9 meters
Drill Travel	11.75 feet	3.6 meters	11.75 feet	3.6 meters
Pullback	7,350 lbf	33 kN	7,350 lbf	33 kN
Approx. Weight	3,290 lbs.	1,492 kgs.	3,175 lbs.	1,440 kgs.
Minimum Excavator Size	13 ton	13 ton	13 ton	13 ton



	HEM550 WITH TE550 DRIFTER AND HCF11 FEED		HEM550R WITH RDS550 ROTARY AND HCF11 FEED	
	U.S.	Metric	U.S.	Metric
Hydraulic Flow	45 GPM	170 LPM	40 GPM	152 LPM
Hydraulic Pressure	2500 PSI	172 bar	3000 PSI	207 bar
Hole Size	1 5/8" to 5"	42 mm to 127 mm	4" to 12"	102 mm to 305 mm
Total Length	16 feet	4.9 meters	16 feet	4.9 meters
Drill Travel	11.75 feet	3.6 meters	11.75 feet	3.6 meters
Pullback	7,350 lbf	33 kN	7,350 lbf	33 kN
Approx. Weight	3,750 lbs.	1,700 kgs.	4,800 lbs.	2,177 kgs.
Minimum Excavator Size	20 ton	20 ton	20 ton	20 ton



HEM1000 WITH RDSH1000 ROTARY AND HCFH12 FEED

	U.S.	Metric
Hydraulic Flow	45 GPM	170 LPM
Hydraulic Pressure	3000 PSI	207 bar
Hole Size	5" to 22"	127 mm to 558 mm
Total Length	17 feet	5.2 meters
Drill Travel	12.75 feet	3.9 meters
Pullback	12,000 lbf	53 kN
Approx. Weight	5,750 lbs.	2,600 kgs.
Minimum Excavator Size	25 ton	25 ton

