

HammerHead Mole[®]

Pneumatic Piercing Tools



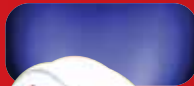
- ▶ TOUGH, RELIABLE & PRODUCTIVE
- ▶ HIGH QUALITY ALLOY STEEL
- ▶ PATENTED CLAMPED REAR ANVIL
- ▶ LOW COST, IN THE FIELD MAINTENANCE

HAMMERHEAD
AVAILABLE THROUGH Vermeer



Introducing the new **CATAMOUNT™** piercing tool...details inside!

INSTALL SEWER, WATER, GAS, ELECTRIC, FIBER, IRRIGATION AND CABLE



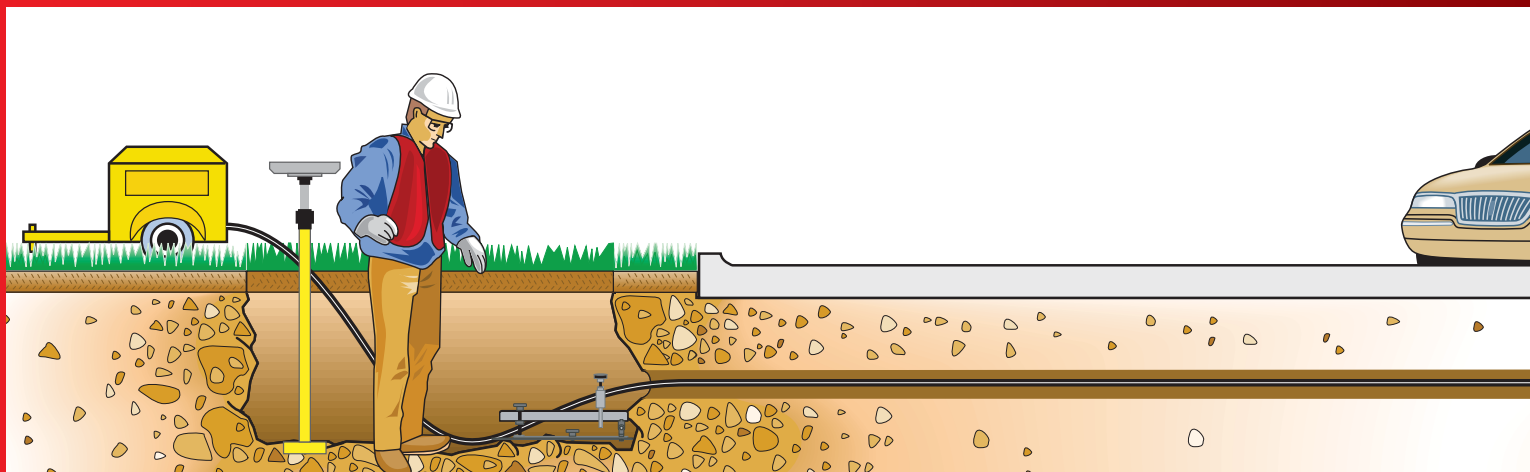
TOUGH & TRUSTED

HammerHead Mole® pneumatic piercing tools create a compact hole for almost any underground installation with minimal disruption to landscapes, buildings or normal traffic flow.

When installing large amounts services where finished landscapes exist and short bores are the norm, stitch boring with piercing tools has become a standard method of the industry.

The process is preferred by many contractors because of its low operating cost per foot of installation, reasonable equipment investment and minimal expertise required for equipment operation.

Whether you're boring a hole under a sidewalk to install coaxial cable, or under a highway to get natural gas service from the main to a new customer, HammerHead Mole® pneumatic piercing tools deliver the productivity and reliability needed to keep you on the job.



Advanced Design...On Target Results



FEATURES

BENEFITS

Clamped Rear Anvil

Provides for fast and easy field maintenance, the hallmark of all HammerHead Mole® piercing tools. Patented design provides 200% more clamp load and is the most secure assembly on the market.

Wear Rings

Eliminates metal to metal contact decreasing wear and offering a sustained level of performance.

Power Port® Reverse

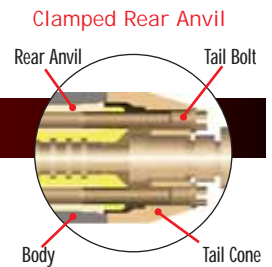
The patented quarter turn reverse design pneumatically locks into forward and reverse preventing accidental direction change during the bore.

 Introducing New Catamount Tools

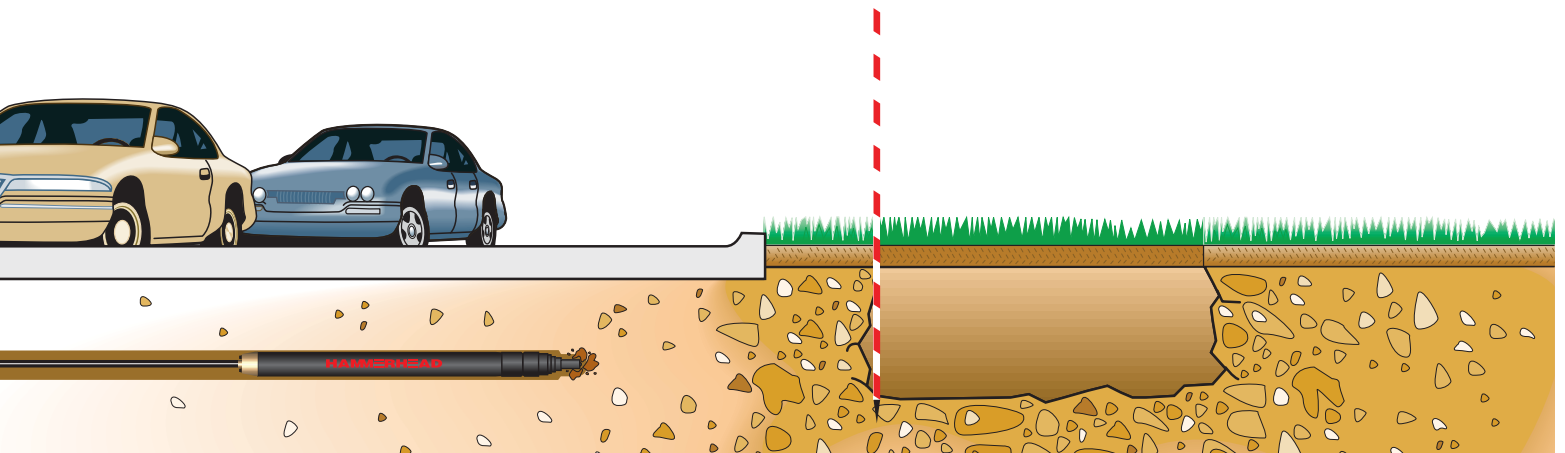
The world's easiest starting piercing tool with unsurpassed Catamount power for tougher working conditions. One tool, multiple soil conditions. Exclusive Smart Head Technology reduces tool swim in a wide range of soil conditions.

No mechanical spring to wear out or replace. Springs are a major source of failure in competitive reciprocating head designs. No springs in Catamount.

Redesigned body housing provides better durability and tool life than any reciprocating head tool you have ever run...and so easy to start!



In-the-Field Serviceability



HammerHead Mole® Piercing Tools

EQUIPMENT SPECIFICATIONS

Model	Boring Pipe Ramming Pipe Bursting	Diameter in (mm)	Length in (cm)	Weight lb (kg)	Air cfm (L/min)	Tailbolt Access	Pressure psi (bar)	Reverse	Blows Per Minute
2" (50) RH SR	✓	2.00 (50)	45.3 (115)	28 (13)	22 (623)	4	110 (7.6)	8 turns	470
2" (50) RH PP	✓	2.00 (50)	39.0 (99.1)	24 (11)	18 (510)	4	110 (7.6)	1/4 turn	515
2" (50) AH PP	✓	2.00 (50)	40.88 (103.8)	24 (11)	18 (510)	4	110 (7.6)	1/4 turn	515
2" (50) RH PP (Boltless)	✓	2.00 (50)	39.0 (99.1)	24 (11)	18 (510)	n/a	110 (7.6)	1/4 turn	515
2" (50) AH PP (Boltless)	✓	2.00 (50)	40.88 (103.8)	24 (11)	18 (510)	n/a	110 (7.6)	1/4 turn	515
2.5" (67) CAT PP	✓	2.64 (67)	49.3 (125.2)	50 (23)	31 (878)	4	110 (7.6)	1/4 turn	385
2.5" (67) RH SR	✓	2.64 (67)	48.25 (122.6)	50 (23)	31 (878)	4	110 (7.6)	6 turns	385
2.5" (67) RH PP	✓	2.64 (67)	48.25 (122.6)	50 (23)	31 (878)	4	110 (7.6)	1/4 turn	385
2.5" (67) AH PP	✓	2.64 (67)	49.9 (126.7)	50 (23)	31 (878)	4	110 (7.6)	1/4 turn	385
2.5" (67) RH SR SW	✓	2.64 (67)	33.5 (85.1)	32 (15)	35 (991)	4	110 (7.6)	5 turns	720
3" (75) CAT PP	✓	3.00 (75)	50.6 (128.6)	69 (31)	32 (906)	4	110 (7.6)	1/4 turn	370
3" (75) RH SR	✓	3.00 (75)	52.18 (132.5)	67 (30)	32 (906)	4	110 (7.6)	5 turns	370
3" (75) RH PP	✓	3.00 (75)	51.7 (131.3)	67 (30)	35 (991)	4	110 (7.6)	1/4 turn	370
3" (75) AH PP	✓	3.00 (75)	52.5 (133.4)	67 (30)	35 (991)	4	110 (7.6)	1/4 turn	370
3.5" (89) AH PP (Bulbed)	✓	3.50 (89)	52.5 (133.4)	71 (32)	35 (991)	4	110 (7.6)	1/4 turn	370
3" (75) RH SR SW (Bulbed)	✓	3.00 (75)	33.5 (85.1)	35 (16)	35 (991)	4	110 (7.6)	5 turns	720
4" (98) RH SR	✓ ✓	3.88 (98)	63.95 (162.4)	136 (62)	68 (1,926)	6	110 (7.6)	7 turns	370
4.375" (111) CAT PP	✓	4.38 (111)	63.0 (160.0)	180 (82)	86 (2,435)	7	110 (7.6)	1/4 turn	338
5.125" (130) SR	✓ ✓ ✓	5.13 (130)	65.92 (167.4)	214 (97)	98 (2,775)	8	110 (7.6)	7 turns	333
5.5" (140) SR (Bulbed)	✓ ✓	5.50 (140)	63.95 (162.4)	170 (77)	68 (1,926)	6	110 (7.6)	7 turns	370
5.75" (145) SR	✓ ✓ ✓	5.75 (145)	79.5 (201.9)	305 (138)	132 (3,738)	8	110 (7.6)	9 turns	300
7" (180) AR	✓ ✓ ✓	7.00 (180)	81.0 (205.7)	511 (232)	235 (6,654)	8	110 (7.6)	Air Reverse	295
8" (200) AR	✓ ✓ ✓	8.00 (200)	105.0 (266.7)	900 (408)	308 (8,722)	12	110 (7.6)	Air Reverse	223

RH - Replaceable Head, SR - Screw Reverse, PP - Power Port, AH - Active Head, CAT - Catamount, SW - Sidewalker, AR - Air Reverse

AVAILABLE ACCESSORIES



Oilers & Mole Oil
Inline oilers lubricate your tools with HammerHead Mole oil and ensure maximum performance and longevity of your tools.



Pulling Kits
Pulling kits are available for almost any kind of product you install. PVC, PE or copper, there is a puller available for your next job.

Aiming Sight Kit

The telescopic aiming sight can be adjusted vertically to accommodate depth of entry pit and height of operator. This rugged and light weight aiming sight has a removable scope for safe transport.

Launching Cradle Kits

Piercing tools can be adjusted both vertically and horizontally with the launching cradle. Stake down holes are incorporated into the base for proper anchoring.

