



2023 Large Horizontal Directional Drilling Rigs Census

When a project calls for horizontal directional drilling (HDD), it's important to use a qualified contractor and the right equipment for the specific needs, especially when it involves large rigs. This annual census, compiled by *Pipeline & Gas Journal* and *Underground Infrastructure*, serves as a valuable resource in the selection process and, ultimately, project success.

The most common industry standard for this HDD-rig category is pullback force of at least 100,000 pounds and, in this year's census, reaches a maximum of 1.8 million pounds. Other relevant statistics include maximum pipe diameter and maximum torque.

Aaron Enterprises Inc.
300 Cloverleaf Rd.
York, PA 17406
p: (717) 854-2641
w: aaronenterprises.com
e: pgrove@aaronenterprises.com, hdd@
aaronenterprises.com
contact: Paul Grove

5 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 625,000 lbs.
Maximum Torque: 80,000 ft.-lbs.

Aaron Enterprises offers tooling for environmentally sensitive crossings, on-staff engineers, real-time remote monitoring system with client access, soil stabilization, and installation of conductor casing.



ARB Inc.
26000 Commercentre Dr.
Lake Forest, CA 92630
p: (949) 598-9242
w: primoriscorp.com
e: dwardlow@prim.com
contact: Dorian Warrilow

2 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 750,000 lbs.
Maximum Torque: 92,000 ft.-lbs.

ARB Inc. is a full-service pipeline contractor performing all aspects of HDD, including drilling services, pipe fabrication and ties, in the United States.



Atlas Trenchless LLC
1351 Broadway St. West/P.O. Box 488
Rockville, MN 56369-0488
p: (320) 685-7578
w: atlas-trenchless.com
e: jiml@atlas-trenchless.com
contact: Jim Lagios

6 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 750,000 lbs.
Maximum Torque: 85,000 ft.-lbs.

National HDD contractor specialized in

horizontal directional drilling, auger boring, guided auger boring, tunneling and microtunneling.



Badger Drilling LLC
9980 Sandler Road
Jacksonville, FL 32222
p: (904) 379-0549
w: jacksonvilleboringcontractors.com
e: lknicks@badgerdrillingllc.com
contact: Leonard Nicks

2 Rigs with Minimum 100,000 lbs. pullback
Maximum Pipe Diameter: 42 in.
Maximum Pullback: 500,000 lbs.
Maximum Torque: 75,000 ft.-lbs.

We drive Florida-wide and specialize in Florida ground conditions. Badger has operated in the business for 20 years and has highly skilled technicians.

Benton-Georgia Inc.
PO Box 838
Douglasville, GA 30133
p: (770) 942-8180
w: benton-georgia.com
e: jjinks@benton-georgia.com
contact: Jamie Jinks

5 Rigs with Minimum 100,000 lbs. Pullback
Maximum pipe diameter: 60 in.
Maximum Pullback: 625,000 lbs.
Maximum Torque: 100,000 ft.-lbs.

Operates and maintains a fleet to meet ever-changing HDD needs, completing installations in lengths up to 6,500 feet and diameters up to 48 inches.

Canadian Horizontal Drilling Inc.
RR #1
Wetaskiwin, Alberta, Canada T9A 1W8
p: (780) 352-5041
w: canadianhorizontal.ca
e: rob@canadianhorizontal.ca
contact: Rob Fontaine

4 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 500,000 lbs.
Maximum Torque: 75,000 ft.-lbs.

Company specializes in hard-rock formations, with expertise in all HDD applications and technical proficiency in all areas of HDD.

Carson Corporation
171 Route 94
Lafayette, N.J. 07848
p: (973) 579-4100
w: carsoncorporation.net
e: estimating@carsoncorporation.net
contact: Colin Harris

8 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 1,100,000 lbs.
Maximum Torque: 100,000 ft.-lbs.

Carson Corporation owns and operates one of the largest directional drills on the East Coast and has successfully drilled throughout the country.



Central Trenchless Inc.
501 53rd Street SW
Minot, ND 58701
p: (701) 839-6767
e: shouim@ctihdd.com
contact: Shaun Houim

3 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 36 in.
Maximum Pullback: 440,000 lbs.
Maximum Torque: 60,000 ft.-lbs.

Cherokee Directional Drilling Inc.
8706 N. Highway 259
Longview, TX 75605
p: (903) 663-9091
w: cherokeeddi.com
e: mmorales@cherokeeddi.com
contact: Miguel Morales

4 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 42 in.
Maximum Pullback: 440,000 lbs.
Maximum Torque: 80,000 ft.-lbs.

Cherokee DDI is a family-owned and -operated business that specializes in installation of pipelines, water and sewer lines, telecom and other utilities, by HDD method.

Chisholm Services LP
500 W. Vista Ridge Mall Drive
Lewisville, TX 75067
p: (469) 240-5794
w: chisholmservices.com
e: brian@chisholmservices.com; trag@
chisholmservices.com
contact: Brian Whitaker; Trag Bailey

5 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 42 in.
Maximum Pullback: 440,000 lbs.
Maximum Torque: 154,000 ft.-lbs.

HDD installation servicing the oil & gas, municipality, and telecom industries; pipe installations range from 2- to 42-inch diameter and up to 4,000 feet.

COE Drilling Pty Ltd
Level 2, 22 Cordeila Street
Brisbane, Queensland, 4101 Australia
p: +61 7 3029 1300
w: coedrilling.com.au
e: e.foley@coedrilling.com.au
contact: Eamon Foley

6 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 56 in.
Maximum Pullback: 1,300,000 lbs.
Maximum Torque: 100,000 ft.-lbs.

Australia's longest-established HDD company providing design, engineering and construction of trenchless solutions for each project's unique challenges and conditions.

David Mancini & Sons
2601 Wiles Road
Pompano Beach, FL 33073
p: (954) 977-3556
w: dmcsi.co
e: dmancinijr@dmsi.co
contact: David Mancini Jr.

1 Rig with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 54 in.
Maximum Pullback: 660,000 lbs.
Maximum Torque: 80,000 ft.-lbs.

As a fourth-generation contractor we bring the experience to get the job done. Our motto is NGUNS: Never Give Up, Never Surrender.

Davis Directional Drilling LLC
9119 Oklahoma 76/PO Box 177
Healdton, OK 73438
p: (580) 229-1280
w: davisdirectionaldrilling.com
e: daviscorp@sbcglobal.net
contact: Doug Davis

23 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 36 in.
Maximum Pullback: 550,000 lbs.
Maximum Torque: 50,000 ft.-lbs.

We have been in business for more than 50 years and have done HDD work for 20-plus years. Experience is our key to success.

Direct Horizontal Drilling
11507 272 Street
Acheson, Alberta, Canada T7X 6E9
p: (780) 960-6037
w: directhorizontal.com
e: dave.f@directhorizontal.com; rick.s@
directhorizontal.com
contact: Dave Fisher; Rick Shipalesky

15 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 1,100,000 lbs.
Maximum Torque: 100,000 ft.-lbs.

Complete services and expert solutions for HDD and river crossings. Industry leader with proven success in some of the toughest drilling environments in the world.

Driver Pipeline Co. Inc.
1200 North Union Bower Rd.
Irving, TX 75061
p: (800) 852-1405; (214) 638-7131
w: driverpipeline.com
e: jlangford@driverpipeline.com
contact: John Langford

11 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 36 in.
Maximum Pullback: 200,000 lbs.
Maximum Torque: 25,000 ft.-lbs.

Driver Pipeline has more than 20 years of experience in the HDD industry offering turnkey solutions to HDD projects.



DRS Enterprises
5339 Canal Rd
Garfield Heights, OH 44125
p: (216) 581-7771
e: drs120@yahoo.com
contact: Dan Schmoldt

5 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 1,100,000 lbs.
Maximum Torque: 80,000 ft.-lbs.

Directional drilling from small diameter to 60-inch diameter; distances from 100 feet up to 7,000 feet; bore intersect capability and rock capabilities in many diameters.



ECI Contracting
56035 State Hwy 56
West Concord, MN 55082
p: (507) 527-2294
w: ecicontracting.us
e: rtumbleson@ecicontracting.us
contact: Rob Tumbleson

8 Rigs Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 54 in.
Maximum Pullback: 1,000,000 lbs.
Maximum Torque: 80,000 ft.-lbs.

Expertise for projects that are large, small or through hard rock. Capabilities up to 54 inches in diameter and lengths up to 8,000 feet.



Forages Nella Inc.
118 De La Gare
St. Henri, Quebec, Canada G0R 3E0
p: (418) 822-2002
w: nella-drilling.com
e: info@nella-drilling.com

3 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 750,000 lbs.
Maximum Torque: 94,000 ft.-lbs.

Capability to adapt our machinery and procedures to succeed in all types of HDD projects, regardless of size and difficulties encountered.



Gabe's Construction Co. Inc.
4804 N. 40th St.
Sheboygan, WI 53083
p: (920) 459-2600
w: gabes.com
e: neastway@gabes.com
contact: Nathan Eastway

5 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 625,000 lbs.
Maximum Torque: 100,000 ft.-lbs.

Provides HDD services for the pipeline, utility and telecommunications industries throughout North America, in all geological conditions. Also offers six smaller utility rigs.



Gator Boring & Trenching Inc.
1800 Blackbird Lane
Pensacola, FL 32534
p: (850) 477-0742
w: gatorboring.com
e: lisa@gatorboring.com
contact: Lisa Lyons

5 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 500,000 lbs.

Maximum Torque: 50,000 ft.-lbs.

Serving the southeastern United States with 5 HDD rigs and fusion crews. Specializing in gravity bores, subaqueous crossings, and water/sewer bores.

Global Underground Corp.
641 Winters Dr.
Colorado Springs, CO 80907
p: (719) 471-7414
w: globalug.com
e: rmeadows@globalug.com
contact: Robert Meadows

4 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 440,000 lbs.
Maximum Torque: 80,000 ft.-lbs.

Have provided HDD services, since 1999, primarily to government agencies, military facilities, and municipalities, for water, wastewater, natural gas, petroleum, electric, drainage, and communications.



H&H Enterprises
6104 Fenkell Rd./PO Box 1539
Andover, OH 44003
p: (440) 293-8911
w: handhent.com
e: bunkyjordan@handhent.com
contact: Bunky Jordan

3 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 220,000 lbs.
Maximum Torque: 36,000 ft.-lbs.

H&H Enterprises provides services for all your HDD needs, specializing in solid rock, with capabilities up to 48-inch diameter and 6,000-foot length.



Harding Directional Drilling
10711 Spur 231
Bryan, TX 77807
p: (979) 778-2691
w: hardingdrilling.com
e: rhamilton@hardingdrilling.com
contact: Robert Hamilton

5 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 1,000,000 lbs.
Maximum Torque: 72,000 ft.-lbs.

Full-service directional drilling company serving the continental U.S., Canada and Mexico since 1994. Completed lengths in excess of 8,000 feet.

HardRock Directional Drilling
16500 San Pedro Ave. Suite 410
San Antonio, TX 78232
p: (210) 403-2086
w: hardrockhdd.com
e: cory.baker@hardrockhdd.com
contact: Cory Baker

23 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 54 in.
Maximum Pullback Capacity: 1,000,000 lbs.
Maximum Torque: 98,000 ft.-lbs.

Capabilities to provide full project support, from smallest road bores to longest river crossings. Also provide a full safety team, along with project management.



Horizontal Boring & Tunneling Co.
505 S. River Ave.
Exeter, NE 68351
p: (402) 266-5347
w: hbtrenchless.com
e: horizontalboring@hbtrenchless.com
contact: Brent Moore, Estimator

3 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 440,000 lbs.
Maximum Torque: 53,000 ft.-lbs.

More than 40 years of experience in trenchless methods including tunneling, pipe jacking, concrete box jacking, pilot tube/guided boring, microtunneling, auger boring and pipe ramming.



Horizontal Drilling International
165 Boulevard de Valmy
92700 Colombes, France
p: +33 1 57 60 93 21
w: hdi.fr
e: contact@hdi.fr
contact: Denis Pellerin; Atef Khemiri

9 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 56 in.
Maximum Pullback: 880,000 lbs.
Maximum Torque: 100,000 ft.-lbs.

More than 30 years of experience and 2,200-plus successful crossings in over 40 countries; lengths more than 2,000 meters and diameters up to 56 inches.



HUXTED Trenchless LLC (previously, ECI Drilling International LLC)
1306 North FM 3083 Rd. East
Conroe, TX 77303
p: (936) 441-9080
w: huxtedtrenchless.com
e: dbrasher@huxtedtrenchless.com
contact: Dustin Brasher

6 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 1,200,000 lbs.
Maximum Torque: 95,000 ft.-lbs.

Offers a full line of HDD and microtunneling capabilities; specializes in large-diameter, challenging projects, utilizing our comprehensive trenchless and marine assets.

InterCon Construction Inc.

5512 State Route 113 & 19
Wauwaukee, WI 53597
p: (608) 850-4827
w: intercon-const.com
e: sallen@intercon-const.com
contact: Steve Allen

6 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 480,000 lbs.
Maximum Torque: 80,000 ft.-lbs.

Nationwide contractor experienced in all geological conditions. Consultation, design and execution specialists offering services to gas transmission and distribution, water, sewer, electric and telecom companies.

**Isaacks Directional Drilling Co.**

2710 FM 1069/PO Box 1112
Aransas Pass, TX 78336
p: (361) 758-7297
e: msgruggs@isaackssdd.com
contact: Monty Scruggs

4 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 1,000,000 lbs.
Maximum Torque: 93,000 ft.-lbs.

Directional drilling and road boring for the oil and gas pipeline industry.

Kirk Excavating & Construction Inc.

1399 Stimmel Road
Columbus, Ohio 43223
p: (614) 323-2970
w: kirkexcavating.com
e: ckirk@kirkexcavating.com
contact: Chuck Kirk

3 Rigs with Minimum 100,000 pounds Pullback
Maximum Pipe Diameter: 36 in.
Maximum Pullback: 440,000 lbs.
Maximum Torque: 60,000 ft.-lbs.

We drill nationwide for pipeline and utilities crossing lakes, rivers, wetlands, highways and everything else in between. We provide wireline, Gyro, and walkover services.

LaGreca Services Inc.

148 LaGreca Court
Schriever, LA 70395
p: (985) 447-4764
w: LinkedIn.com, Facebook.com
e: jason@lagrecahdd.com
contact: Jason Theriot

2 Rigs with Minimum 100,000 pounds Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 500,000 lbs.
Maximum Torque: 75,000 ft.-lbs.

Incorporated in 1996, LaGreca is a "Do it all" company with less than 20 employees. We take pride in completing special, more complicated projects.

Laney Directional Drilling Co.

1100 Alegacy Place
Waller, TX 77484
p: (281) 540-6615
w: laneydrilling.com
e: twilcfox@laneydrilling.com
contact: Travis Wilcox

13 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 1,700,000 lbs.
Maximum Torque: 97,500 ft.-lbs.

Laney Directional Drilling offers turnkey trenchless engineering and construction services for horizontal directional drilling, Direct Pipe, and pipeline extraction.

**LMR Drilling GmbH**

Ammerlaender Heerstr. 368
26129 Oldenburg, Germany
p: +49 441 97191-0
w: lmr-drilling.de
e: fengler@lmr-drilling.de
contact: Ernst Fengler

5 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 56 in.
Maximum Pullback: 1,011,645 lbs.
Maximum Torque: 103,032 ft.-lbs.

Horizontal directional drilling, engineering, construction and installation of HDD crossings, outfalls and shore approaches.

**Lucas**

Emirates House, Lvl 22, 167 Eagle Street/
GPO Box 144
Brisbane QLD 4000, Australia
p: 07 3363 7333
w: lucas.com.au

7 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 52 in.
Maximum Pullback: 1,100,000 lbs.
Maximum Torque: 100,000 ft.-lbs.

International contractor with a strong focus on technically challenging projects, particularly EPL contracts. Also specialize in hard rock drilling utilizing patented tooling.

**Mears Group Inc.**

480 Wildwood Forest Drive, Ste. 320
Spring, TX 77380
p: (832) 634-2900
w: mears.net
e: greg.bosch@mears.net
contact: Gregory Bosch

18 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 1,300,000 lbs.
Maximum Torque: 88,000 ft.-lbs.

HDD and Direct Pipe (500- and 750-ton rigs) contractor serving oil/gas, electrical,

water/wastewater and fiber industries. Focused on design/build and EPC, with HDD/DP critical factors.

**Michels Trenchless Inc.**

814 Main St.
Brownsville, WI 53006
p: (920) 583-3132
w: michels.us
e: jsmueller@michels.us
contact: Jeffrey S. Mueller

41 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 72 in.
Maximum Pullback: 1,800,000 lbs.

Recognized as the industry leader throughout North America and worldwide, in both land and marine, completing milestone projects with inventive HDD solutions.

**Miller Excavation Inc.**

9000 Choctaw Street
Union City, OK 73090
p: (405) 483-5158
w: millerexcavationinc.com
e: millerexcavation@gmail.com
contact: Dale Miller

7 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 490,000 lbs.
Maximum Torque: 80,000 ft.-lbs.

We specialize in HDD installation of oil, natural gas and municipal water pipeline services, replacements, and improvements.

**New Tech Construction Inc.**

6124 Steinhart Park Rd.
Nebraska City, NE 68410
p: (402) 873-4220
w: newtechconstruction.com
e: brandon.olson@newtechconstruction.com
contact: Brandon Olson

5 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 42 in.
Maximum Pullback: 344,000 lbs.
Maximum Torque: 50,000 ft.-lbs.

New Tech specializes in soil, rock, cobbles, and boulders conditions, with the capability to install surface casing up to 60" for IFR mitigation.

O'Connor Utilities Ltd.

Artemis House, Greek Street
Stockport. SK3 8AB, United Kingdom
p: +44 (0) 161-248 9922
w: ocugroup.com
e: enquiries@ocugroup.com
contact: Ross Henderson

6 Rigs with Minimum 100,000 lbs. Pullback

Maximum Pipe Diameter: 56 in.
Maximum Pullback: 880,000 lbs.
Maximum Torque: 112,000 ft.-lbs.

O'Connor Utilities installs HDD crossings, including hard rock, outfalls, landfills; environmental wells; design and consultancy work; also has fleet of four midi and mini rigs.

**Paladian Crossings Inc.**

P.O. Box 187
Lethbridge Alberta T1J 3Y5
p: (403) 894-0804
w: paladiancrossings.ca
e: jarrod@paladiancrossings.ca
contact: Jarrod MacKenzie

2 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 36 in.
Maximum Pullback: 240,000 lbs.
Maximum Torque: 43,900 ft.-lbs.

Provide HDD services throughout Western Canada, supporting the oil & gas, municipal, civil, and telecommunications industries.

Pretec Directional Drilling LLC

3314 56th Street
Eau Claire, WI 54703
p: (715) 874-4510
w: pretechdd.com
e: bcolson@pretecdd.com
contact: Bill Colson

14 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 1,100,000 lbs.
Maximum Torque: 100,000 ft.-lbs.

Installation of gas, oil, HDPE, fiber, water and sewer via HDD, along with guided bore. Offer consultation, design and build. Capable of any size project.

**Push Incorporated**

1100 Lindy St./P.O. Box 72
Rice Lake, WI 54868
p: (715) 236-7874
w: push.us
e: chase@push.us
contact: Chase Lapcinski

1 Rig with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 32 in.
Maximum Pullback: 100,000 lbs.
Maximum Torque: 12,000 ft.-lbs.

Highly experienced to complete all your HDD needs, including design/engineering, surveying, solid rock drills, intersects, recovery/rescue and more. Also has 15 drills under 100,000-pounds pullback.

**REM Directional Inc.**

13286 County Road 20
Boligee, AL 35443
p: (205) 393-2171
w: remdirectional.com
e: joel@remdirectional.com
contact: Joel Colgrove, Jr.

12 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 64 in.
Maximum Pullback: 1,200,000 lbs.
Maximum Torque: 102,000 ft.-lbs.

REM Directional has been in the trenchless business for 25 years.

Sabine Constructors LLC

721 Dial Road
Big Sandy, TX 72755
p: (903) 352-1201
e: jbender@sabinecon.com
contact: Jake Bender

2 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 30 in.
Maximum Pullback: 250,000 lbs.
Maximum Torque: 40,000 ft.-lbs.

Southeast Directional Drilling LLC

3117 North Cessna Ave.
Casa Grande, AZ 85122
p: (520) 423-2131
w: southeastdrilling.com

11 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 1,400,000 lbs.
Maximum Torque: 140,000 ft.-lbs.

Capable of drilling lengths of more than 6,400 feet and pipe sizes up to 60-inch diameter. We are the world record holder for 56-inch HDD.

**Spartan Directional LLC**

222 Beau Pre Road
Lafayette, LA 70508
p: (337) 837-4433
w: spartandirectional.com
e: boyd@spartandirectional.com
contact: Boyd Simon

6 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 54 in.
Maximum Pullback: 1,000,000 lbs.
Maximum Torque: 90,000 ft.-lbs.

Maxi rig HDD projects, Spartan Directional is the best choice for maxi-rig HDD projects "Because Experience Matters;" most-experienced superintendents and personnel in the industry.

**Spring & Associates Inc.**

29565 Chilcutt Rd.
Easton, MD 21601
p: (410) 822-0485
w: springandassociates.com
e: dtaylor@springgroup.net
contact: Robert Taylor

3 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 500,000 lbs.
Maximum Torque: 85,000 ft.-lbs.

Microtunneling up to 84 inches, HDD bores of 1-48 inches, on-grade sewer with pilot tube system, and steel jack and bore up to 84 inches.

Tex-Direct Drilling LLC

22095 FM 1314
Porter, TX 77365
p: (281) 354-7011
w: tex-direct.com
e: wayne@tex-direct.com
contact: Wayne Robin

2 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 42 in.
Maximum Pullback: 750,000 lbs.
Maximum Torque: 90,000 ft.-lbs.

State-of-the-art equipment and over 25 years in the industry. Carefully planned and safely executed HDD solutions, and specializing in complex, multi-rig projects.

The Crossing Company Inc.

1807 8th St.
Nisku, Alberta, Canada T9E 7S8
p: (780) 955-5051
w: thecrossingcompany.com
e: rbowhay@thecrossingcompany.com
contact: Ryan Bowhay

22 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 1,200,000 lbs.
Maximum Torque: 100,000 ft.-lbs.

Focused on trenchless construction throughout North America. Services include large and small HDD, auger boring, pipe ramming, microtunneling and tunneling.

The HDD Company

4580 Greenstone Rd.
Placerville, CA 957667
p: (530) 676-5705
w: thecrossingcompany.com
e: jking@crossinggroup.com
contact: Jeremy King

20 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 1,200,000 lbs.
Maximum Torque: 90,000 ft.-lbs.

Excelling at shore approaches, harbor/ marine work, major utility installations, and oil and gas projects has made us a trusted name in trenchless construction.

**Visser & Smit Hanab bv**

Rietgorsweg 6
3356 LJ Papendrecht NL
p: +31 78 6417222
w: vshanab.nl
e: info@vshanab.nl
contact: S. Korevaar

6 Rigs with Minimum 100,000 lbs. Pullback
Maximum Pipe Diameter: 56 in.
Maximum Pullback: 900,000 lbs.

More than 100 years of experience and a proven record of service, specializing in aboveground and underground pipelines and cable infrastructure.

