

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 1.7 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: dwarrilow@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 tieins, 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: Inicks@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.

Badger drives Florida-wide and specializes 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.

# Central Trenchless Inc.

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

4 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

5 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: dmsi.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

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

Davis has been in business for more than 50 years and performed 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: mdull@ecicontracting.us contact: Matt Dull

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 GOR 3E0 p: (418) 822-2002 w: nella-drilling.com e: info@nella-drilling.com

2 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: bunky.jordan@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

25 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: hbttrenchless.com e: horizontalboring@hbttrenchless.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 Waunakee, 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

# 2024 Large HDD Rigs Census

Aransas Pass, TX 78336 p: (361) 758-7297 e: mscruggs@isaacksdd.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: kirkexcxavating.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.

The company is a nationwide driller for pipeline and utilities crossing lakes, rivers, wetlands, highways and everything else in between. They 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: iason@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.



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: ismueller@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.

Miller specializes in HDD installations 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. 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.

#### **OCU Group**

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.

OCU Group installs HDD crossings, including hard rock, outfalls, landfalls; environmental wells; design and consultancy work; also has fleet of four midi and mini rigs.



#### Paladian Crossings Inc.

PO 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

13 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 have 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

PO Box 1209 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.

# Spartan Directional LLC

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

7 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.

#### 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

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

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

More than 150 years of experience and a proven record of service, specializing in aboveground and underground pipelines and cable infrastructure.

