

2017 LARGE

Directional Drilling Rig Census

When discussing the size of a horizontal directional drilling (HDD) rig, professionals typically refer to the unit's maximum pullback force. The most common industry standard for a large HDD rig is defined as having a minimum pullback force greater than 100,000 pounds. In addition, other common specifications are rotary torque of drill stem, rotation speed and the size of the pipe.

Underground Construction's 2017 census of large HDD contractors is an effective tool in managing successful projects, by assisting in selection of the right-size rig to fit specific needs.



Aaron Enterprises Inc.

300 Cloverleaf Rd.

York, PA 17406

p: (717) 854-2641

w: aaronentripriprises.com

e: hdd@aaronentripriprises.com

Contact: Paul Grove

3 rigs offering 100,000-lbs. pullback

Maximum Pipe Diameter: 42 in.

Maximum Pullback: 440,000 lbs.

Maximum Torque: 80,000ft./lbs.

Aaron Enterprises offers tooling for environmentally sensitive crossings, engineers on staff, 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: jparrish@prim.com

Contact: Jody Parrish

4 rigs offering 100,000-lbs. pullback

Maximum Pipe Diameter: 60 in.

Maximum Pullback: 750,000 lbs.

Maximum Torque: 92,000ft./lbs.

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



Arrow Directional Boring Inc.

11950 NW 39th St., Ste. A

Coral Springs, FL 33065

p: (954) 340-2601

w: arrowdirectional.com

e: jblake@arrowdirectional.com

Contact: Jeff Blake

1 rig offering over 100,000-lbs. pullback

Maximum Pipe Diameter: 42 in.

Maximum Pullback: 210,000 lbs.

Maximum Torque: 110,000 ft./lbs.

Florida's premier HDD contractor with 25 years of experience, specializing in subaqueous, rock, water, sewer and reclaimed utility lines; licensed, bonded and insured.

Atlas Trenchless LLC

1351 Broadway St. West

PO Box 488

Rockville, MN 56369-0488

p: (320) 685-7578

w: atlas-trenchless.com

e: jiml@atlas-trenchless.com

Contact: Jim Lagios

5 rigs offering over 100,000 lbs. pullback

Maximum Pipe Diameter: 42-60 in.

Maximum Pullback: 500,000 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

6859 Blanding Blvd.

Jacksonville, FL 32244

p: (904) 379-0549

e: badgerdrillingllc@comcast.net

Contact: Leonard Nicks

2 rigs offering over 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 are specialized 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: jjjinks@benton-georgia.com

Contact: Jamie Jinks

5 rigs offering over 100,000-lbs. pullback

Maximum pipe diameter: 60 in.

Maximum Pullback: 625,000 lbs.

Maximum Torque: 100,000 ft./lbs.

Canadian Horizontal Drilling Ltd.

RR #1

Wetaskiwin, Alberta, Canada T9A 1W8

p: (780) 352-5041

w: canadianhorizontal.ca

e: info@canadianhorizontal.ca

Contact: Kelly Bradford

3 rigs offering over 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 and has expertise in all HDD applications. Offering technical proficiency in all areas of HDD.

Carson Corporation



171 Route 94

Lafayette, NJ 07848

p: (973) 579-4100

w: carsoncorporation.net

e: bcarson@carsoncorporation.net

Contact: Bob Carson

6 rigs offering over 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.

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 offering over 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.

Davis Directional Drilling

PO Box 177
Healdton, OK 73438
p: (580) 229-1280
e: daviscorp@sbcglobal.net
Contact: Doug Davis
23 rigs offering over 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 doing HDD work for more than 20 years. Experience is our key to success.

Direct Horizontal Drilling

410-600 6th Ave. SW
Calgary, Alberta, Canada T2P 0S5
p: (403) 269-4998
w: directhorizontal.com
e: justin.h@directhorizontal.com
Contact: Justin Hedemann
10 rigs offering over 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.

DrillTec GUT GmbH

Josef-Wallner-Strasse 10
94469 Deggendorf, Germany
p: +49 991 37212 400
w: drilltec.de
e: info@drilltec.de
Contact: Joerg Gaenger
5 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 56 in.
Maximum Pullback: 787,000 lbs.
Maximum Torque: 67,000 ft./lbs.
We work on all continents, with branches in Australia and Russia. Expertise covers underground utility installation in all soil types, up to lengths of 9,900'.

Driver Pipeline Co. Inc.

1200 N. Union Bower Rd.
Irving, TX 75061
p: (214) 638-7131
w: driverpipeline.com
e: jlangford@driverpipeline.com
Contact: John Langford
11 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 36 in.
Maximum Pullback: 200,000 lbs.
Maximum Torque: 25,000 ft./lbs.
Driver Pipeline Co. has over 20 years of experience in the HDD industry offering turnkey solutions to HDD projects.



ECI Drilling International LLC

1306 North FM 3083 Rd. East
Conroe, TX 77303
p: (936) 441-9080
w: ecihdd.com
e: info@ecihdd.com
Contact: Bruce Brasher



5 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 1,200,000 lbs.
Maximum Torque: 95,000 ft./lbs.
ECI provides full HDD capabilities in rock and alluvial soils, including single and multiple installations for power/communication conduits, fiber optic cables, water/sewage and oil/gas pipelines.
Industry logo: PCCA

Ellingson Trenchless LLC

56035 State Hwy 56
West Concord, MN 55895
p: (844) 969-9054
w: ellingsontrenchless.com
e: mdull@ellingsontrenchless.com
Contact: Matt Dull



9 rigs with pullback of 100,000 pounds or greater
Maximum Pipe Diameter: 52 in.
Maximum Pullback: 750,000 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 ft.

Forages Nella Inc.

118 De La Gare
St. Henri, Quebec, Canada G0R3E0
p: (418) 822-2002
w: nella-drilling.com
E: gilltardif@nella-drilling.com
Contact: Gill Tardif



3 rigs offering over 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: natkin@gabes.com
Contact: Nicholas Atkin



5 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 625,000 lbs.
Maximum Torque: 100,000 ft./lbs.
Gabe's provides HDD services for the pipeline, utility and telecommunications industries throughout North America in all geological conditions, and also has 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 offering over 100,000-lbs. pullback

Directional Drilling Rig Census

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.

H&H Enterprises

6104 Fenkell Rd.
PO Box 1539
Andover, OH 44003
p: (440) 293-8911
w: handhent.com
e: tom.hockran@handhent.com
Contact: Tom Hockran
3 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 220,000 lbs.
Maximum Torque: 36,000 ft./lbs.
H&H Enterprises can provide services for all your HDD needs; specializes in solid rock conditions, with abilities to install up to 48" and 6,000'.

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 offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 800,000 lbs.
Maximum Torque: 60,000 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.

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
3 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 440,000 lbs.
Maximum Torque: 53,000 ft./lbs.
More than 30 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 offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 56 in.
Maximum Pullback: 880,000 lbs.
Maximum Torque: 100,000 ft./lbs.

33 years of continuous experience and 2,200+ successful crossings in over 40 countries, lengths in excess of 2,000 meters and pipe diameter up to 56".

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
5 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 440,000 lbs.
Maximum Torque: 80,000 ft./lbs.
Nationwide contractor with experience in all geological conditions; offers consultation, design and execution services to gas transmission and distribution, water, sewer, electric and telecom companies.

Isaacks Directional Drilling Co.

PO Box 1112
Aransas Pass, TX 78336
p: (361) 758-7297
4 rigs offering over 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.

Japan Drilling Co. Ltd.

Shin-horidome Bldg.
2-4-3 Horidome-cho, Nihonbashi
Chuo-ku, Tokyo, 103-0012, Japan
p: (011) 81-3-5847-5858
w: jdc.co.jp
e: hdd@jdc.co.jp
Contact: Hajime Inoue
3 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 330,000 lbs.
Maximum Torque: 48,000 ft./lbs.
Every HDD requirement of our clients will be satisfied by our diligence and technical expertise.

Laney Directional Drilling Co.

831 Crossbridge Dr.
Spring, TX 77373
p: (281) 540-6615
w: laneydrilling.com
e: asnyder@laneydrilling.com
Contact: Alan Snider
15 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 1,700,000 lbs.
Maximum Torque: 97,500 ft./lbs.
Laney offers HDD engineering, HDD installation and Direct Pipe services. There is no substitute for 26 years of experience.

LMR Drilling GmbH

Ammerlaender Heerstrasse 368
D-26129 Oldenburg, Germany
p: +49 (441) 971910
w: lmr-drilling.de
e: info@lmr-drilling.de
Contact: H. W. Hausmann, G.P. Moogveld or G. Kruse
4 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 56 in.
Maximum Pullback: 1,000,000 lbs.
Maximum Torque: 130,000 ft./lbs.
Horizontal directional drilling, engineering, construction and installation of directional drilled crossings, outfalls and shore approaches.

Lucas

Level 3 Hyundai Bldg.
394 Lane Cove Rd.
Macquarie Park NSW 2113, Australia
p: 02 9490 4000
w: lucas.com.au
7 rigs offering over 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.

5051 Westheimer Rd., Ste. 1650
Houston, TX 77056
p: (281) 448-2488
w: mearsHDD.net
e: greg.bosch@mears.net
Contact: Gregory Bosch
18 rigs offering over 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 contractor serving the oil/gas, electrical, water/wastewater and fiber industries. Focused on design/build and engineering/procurement/construction, where HDD and DP are critical factors.

Michels Directional Crossings dba Michels Corp.

817 West Main St.
Brownsville, WI 53006
p: (920) 583-3132
w: michels.us
e: tmcguire@michels.us
Contact: Tim McGuire
25 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 1,200,000 lbs.
Maximum Torque: Proprietary
Recognized throughout North America and worldwide as the industry leader in both land and marine, and continues to lead the way with inventive HDD solutions.

Mid America Underground LLC

901 Ridgeway Avenue

Aurora, IL 60506

p: (630) 897-5882

w: maunderground.com

e: bengleson@maunderground.com

Contact: Ben Engleson

5 rigs offering over 100,000-lbs. pullback

Maximum Pipe Diameter: 42 in.

Maximum Pullback: 500,000 lbs.

Maximum Torque: 95,000 ft./lbs.

Specialized HDD, pipe ramming and bursting. Field installs include petroleum, natural gas, electric, telecommunications, environmental shore approach, wind energy and geothermal.



Nowak Construction Co. Inc.

200 S. Goddard Rd.

Goddard, KS 67052

p: (316) 794-8898

w: nowakconstruction.com

e: dustin@nowakconstruction.com

Contact: Dustin Jones

2 rigs offering over 100,000 lbs. pullback

Maximum Pipe Diameter: 36 in.

Maximum Pullback: 100,000 lbs.

Maximum Torque: 14,000 ft./lbs.

River crossings, Digitrak F5, on-grade bores, Paratrack 2 magnetic navigation and surveying, pipe reaming, pipeline installation, utility installation, residential and urban installations, plant/refinery installations.

O'Connor Utilities Ltd.

Unit 10, Sandfold Lane

Levenshulme, Manchester M19 3BJ, United Kingdom

p: +44 (0) 161-248 9922

w: ocultd.co.uk

e: enquiries@ocultd.co.uk

Contact: Ross Henderson

5 rigs offering over 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, landfalls, environmental wells, design and consultancy work; and has a fleet of seven midi and mini rigs.

OZ Directional Drilling



38220 N. 103rd Place

Scottsdale, AZ 85262

p: (480) 306-6570

w: ozdirectionaldrilling.com

e: dwayne@ozdirectionaldrilling.com; ryan@ozdirectionaldrilling.com

Contact: Dwayne Osadczuk; Ryan Littlefield

9 rigs offering over 100,000-lbs. pullback

Maximum Pipe Diameter: 48 in.

Maximum Pullback: 1,100,000 lbs.

Maximum Torque: 120,000 ft./lbs.



Oz Directional Drilling as over 60 years of pipeline experience and over 20 years of HDD industry experience, completing projects across North America.

Ranger Field Services

200 Ida Road

Broussard, LA 70518

p: (337) 837-5447

w: rangerdirectional.com

6 rigs offering over 100,000-lbs. pullback

Maximum Pipe Diameter: 48 in.

Maximum Pullback: 330,000 lbs.

Maximum Torque: 50,000 ft./lbs.

Ranger consistently places the required product to customer specifications and takes pride in our reputation for getting the job done efficiently and safely.

Southeast Directional Drilling

3117 North Cessna Ave.

Casa Grande, AZ 85122

p: (520) 423-2131

w: southeastdrilling.com

e: steve@southeastdrilling.com

Contact: Steve Ugrih

11 rigs offering over 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 in excess of 6,400' and sizes up to 60" diameter pipe. We are the world record holder for HDD 56-inch.



Spring and Associates Inc.

29565 Chilcutt Rd.

Easton, MD 21601

p: (410) 822-0485

w: springgroup.net

e: dtaylor@springgroup.net

Contact: Robert D. Taylor

3 rigs offering over 100,000-lbs. pullback

Maximum Pipe Diameter: 48 in.

Maximum Pullback: 500,000 lbs.

Maximum Torque: 85,000 ft./lbs.

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

Sunland Directional Drilling Inc.

2532 Aymond St.

Eunice, LA 70535

p: (337) 550-2103

w: sunlandconstruction.com

e: jadaigle@sunlandconstruction.com

Contact: James Daigle

3 rigs offering over 100,000-lbs. pullback

Maximum Pipe Diameter: 48 in.

Maximum Pullback: 700,000 lbs.

Our rig fleet consists of one 140,000 pound, one 500,000 pound and two 700,000 pound rigs.



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 offering over 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, 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: (403) 264-5050

w: thecrossingcompany.com

e: rbowhay@thecrossingcompany.com

Contact: Ryan Bowhay

22 rigs offering over 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



3161 Cameron Park Dr., Ste. 215

Cameron Park, CA 95682

p: (530) 676-5705

w: thecrossingcompany.com

e: revans@hddcompany.com

Contact: Rick Evans

6 rigs offering over 100,000-lbs. pullback

Maximum Pipe Diameter: 42 in.

Maximum Pullback: 900,000 lbs.

Maximum Torque: 68,000 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

PO Box 305

3350 AH Papendrecht, The Netherlands

p: +31 (0) 78 6417222

w: vshanab.nl

e: info@vshanab.nl

Contact: JA Ringets

4 rigs offering over 100,000-lbs. pullback

Maximum Pipe Diameter: 48 in.

Maximum Pullback: 650,000 lbs.

HDD rigs available throughout the year.

