

2018 LARGE

Directional Drilling Rig Census

When discussing the size of horizontal directional drilling (HDD) rigs, professionals typically refer to a unit's maximum pullback force. The most common industry standard for large HDD rigs is pullback force of at least 100,000 pounds. In addition, other specifications associated with this category of HDD rigs are rotary torque of drill stem and size (diameter) of the pipe.

Compiled by *Underground Construction*, the annual census provides details about contractors that offer large HDD rigs. It serves as a valuable tool in managing successful projects, by assisting with selection of the right-size rig to fit specific needs.



Aaron Enterprises Inc.

300 Cloverleaf Rd.
York, PA 17406
p: (717) 854-2641
w: aaronenterprises.com
e: hdd@aaaronenterprises.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: 48 in.
Maximum Pullback: 210,000 lbs.
Maximum Torque: 110,000 ft./lbs.
Florida's premier HDD contractor with 31 years of experience and 8 rigs, specializing in subaqueous, rock, water, sewer, 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: 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

6859 Blanding Blvd.
Jacksonville, FL 32244
p: (904) 379-0549
w: badgerdrillingllc.com
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: jjinks@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.
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: 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, with expertise in all HDD applications and 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 LLC

9119 Oklahoma 76/PO Box 177
Heraldton, OK 73438
p: (580) 229-1280

w: davisdirectionaldrilling.com
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 have done HDD work for 20-plus 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.

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 offering over 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.



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.



Directional Drilling Rig Census

Provides a full line of HDD capabilities, including single and multiple installations for power/communication conduits, fiber optic cables, and water/sewage and oil/gas pipelines.

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 feet.

Forages Nella Inc.

118 De La Gare
St. Henri, Quebec, Canada G0R 3E0
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: neastway@gabes.com
contact: Nathan Eastway



5 rigs offering over 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 offering over 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.

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 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 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 or 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.
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.

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 offering over 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: mscruggs@isaacksddd.com
contact: Monty Scruggs

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.

Laney Directional Drilling Co.

831 Crossbridge Dr.
Spring, TX 77373
p: (281) 540-6615
w: laneydrilling.com
e: mcarlin@laneydrilling.com
contact: Maureen Carlin



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

LMR Drilling GmbH

Ammerlaender Heerstr. 368
26129 Oldenburg, Germany
p: +49 441 97191-0
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 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 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
28 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 60 in.
Maximum Pullback: 1,200,000 lbs.
Recognized as the industry leader throughout North America and worldwide, in both land and marine, completing milestone projects with inventive HDD solutions.



Mid America Underground LLC

901 Ridgeway Avenue
Aurora, IL 60506
p: (630) 897-5882
w: maunderground.com
e: jsparks@maunderground.com
contact: Jim Sparks
5 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 42 in.
Maximum Pullback: 500,000 lbs.



Directional Drilling Rig Census

Maximum Torque: 95,000 ft./lbs.
Specialized HDD, pipe ramming and bursting nationwide. Installations include petroleum, natural gas, electric, telecommunications, environmental shore approach, wind energy and geothermal.

Nowak Construction Co. Inc.

200 S. Goddard Rd./PO Box 218
Goddard, KS 67052
p: (316) 794-8898
w: nowakconstruction.com
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, Digttrak 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, Sandford 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 Osadchuk; 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 has over 60 years of pipeline industry experience and 20-plus years of HDD experience, completing projects across North America.



Push Incorporated

1100 Lindy St./PO Box 72
Rice Lake, WI 54868
p: (715) 236-7874
w: pushhdd.com
e: chase@push.us
Contact: Chase Lapcinski
4 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 1,000,000 lbs.
Maximum Torque: 102,500 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.



Ranger Directional

200 Ida Road
Broussard, LA 70518
p: (337) 837-5447
w: quantaservices.com/entities/ranger-directional/
(rangerdirectional.com under construction)
e: alan.goyne@rangerdirectional.com
contact: Alan Goyne
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 Directional, a Quanta Services company, installs underground product pipelines and conduits, including HDD beneath waterways, congested areas, highways, railroads and other environmentally sensitive areas.

Southeast Directional Drilling LLC

3117 North Cessna Ave.
Casa Grande, AZ 85122
p: (520) 423-2131
w: southeastdrilling.com
e: steve@southeastdrilling.com
contact: Steve Uglich
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 of more than 6,400 feet and pipe sizes up to 60-inch diameter. We are the world record holder for HDD 56-inch.



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

Sunland Directional Drilling

2532 Aymond St./PO Box 1087
Eunice, LA 70535
p: (800) 299-6295; (337) 546-0241
w: sunlandconstruction.com
3 rigs offering over 100,000-lbs. pullback
Maximum Pipe Diameter: 48 in.
Maximum Pullback: 700,000 lbs.
Premier provider of energy-related construction products, services and innovative solutions, including one 140,000-pound, one 500,000-pound and two 700,000-pound HDD 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 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 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

4525 Serrano Parkway, Suite 210
El Dorado Hills, CA 95762
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



Rietgorsweg 6
3356 LJ Papendrecht NL
p: +31 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.

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