

# 2006

by Traci Read ■ Senior Editor

## Large Directional Drilling Rig Census

*Underground Construction's* 2006 census of large horizontal directional drilling contractors provides an in-depth look at the capabilities of this dynamic market.

When horizontal directional drilling (HDD) professionals discuss the size of an HDD rig, they usually refer to the maximum pullback force the unit can develop. The most common industry standard for a large directional drilling unit is defined as having a minimum of 100,000 pounds of pullback force. In addition to pullback, the most common specifications used to categorize HDD equipment are rotary torque of drill stem rotation speed and the size of drill pipe.

Selecting the right size drill rig to fit specific project needs is one of the most critical elements in managing successful HDD operations.

The drilled crossings of rivers, highways, canals and other surface and subsurface obstacles are a proven technology with a strong track record. Using this technology, contractors around the world can successfully install pipelines, cable and conduit in areas where conventional methods are unacceptable or uneconomical.

Years of experience and the best in modern technology enable the contractors listed to effectively perform projects that are within the listed range of their specific units.

### A. J. Lucas Operations Pty. Ltd.

157 Church Street, Ryde  
Sydney NSW, Australia 2112  
Tel: (011) 61-2-9809-6866  
Fax: (011) 61-2-9807-6088  
E-mail: stephen.loneragan@luca.com.au  
Contact: Stephen Loneragan  
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 servicing Australia and Asia with a strong focus on technically challenging projects that demand engineered solutions, particularly EPL contracts. Also, specialize in hand rock drilling utilizing patented tooling. We offer solutions!

### A&L Underground

8339 Melrose Dr.  
Lenexa, KS 66214-1629  
Tel: (913) 438-2981; Fax: (913) 438-3815  
E-mail: alex@alunderground.com  
Contact: Alex Lowe or Terry Williamson  
5 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 42 in.  
Maximum Pullback: 500,000 lbs.  
Maximum Torque: 85,000 ft./lbs.

Horizontal environmental potable water and soil characterization wells. Utility, pipeline and telecommunication groundwater pipe installation. Rock and coral drilling.

### ARB

26000 Commercentre Dr.  
Lake Forest, CA 92630  
Tel: (949) 598-9242; Fax: (949) 595-5526  
E-mail: jparrish@arbinc.com  
Contact: Jody Parrish  
5 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 48 in.  
Maximum Pullback: 720,000 lbs.

Maximum Torque: 92,000 in ft./lbs.

ARB Inc. operates five HDD spreads around the world and has more than 19 years of HDD experience.



### Arby Construction

19705 W. Lincoln Ave.  
New Berlin, WI 53146  
Tel: (262) 549-1919; Fax: (262) 548-3655  
E-mail: mklumb@aol.com  
Contact: Michael Klumb  
2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 36 in.  
Maximum Pullback: 140,000 lbs.  
Maximum Torque: 30,000 ft./lbs.  
Arby Construction Inc. has over 15 highly portable, self-contained units ready to serve you anywhere, anytime.



### Avoidatrench Ltd.

Four Crosses Industrial Park  
Llanymynech, Powys  
United Kingdom SW226ST  
Tel: (011) 44-0-169-183-1046;  
Fax: (011) 44-0-169-918-30-495  
E-mail: avoidatrench@enterprise.net  
Contact: Andrew Daniels  
2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 3 ft. 6 in.  
Maximum Pullback: 85 tons  
Maximum Torque: 30,000 ft./lbs.  
Established 10 years. One of the original practitioners of directional drilling in Britain, and more recently a member of the Pochin Group. Known for providing reliable and competent solutions.

### Badger Drilling LLC

602 Lorn Ct.  
Orange Park, FL 32073  
Tel: (904) 272-2221; Fax: (904) 276-1272  
Contact: Leonard Nicks  
1 rig offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 30 in.  
Maximum Pullback: 180,000 lbs.  
Maximum Torque: 30,000 ft./lbs.  
Eleven years of experience primarily in Florida and neighboring states. We never fail.

### BERCO Construction

PO Box 5134  
Godfrey, IL 62035-5184  
Tel: (618) 467-2440; Fax: (618) 467-2445

E-mail: berco-construction@msn.com  
Contact: Matt Barton

1 rig offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 48 in.  
Maximum Pullback: 1,000,000 lbs.  
Maximum Torque: 95,000 ft./lbs.  
BERCO provides worldwide construction and engineering services to the horizontal directional drilling industry.

### Canadian Horizontal Drilling Ltd.

RR #1  
Wetaskiwin, AB  
Canada T9A 1W8  
Tel: (780) 352-5041; Fax: (780) 352-5048  
E-mail: chdl@connect.ab.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.

### Cherrington Corp.

PO Box 254788  
Sacramento, CA 95865  
Tel: (916) 457-3040; Fax: (916) 457-5902  
Contact: Larry Bertolucci  
E-mail: hdd@cherrington.com  
3 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 60 in.  
Maximum Pullback: 300,000 lbs.  
Maximum Torque: 60,000 ft./lbs.  
Cherrington, the first HDD contractor, sets technology standards worldwide. Innovative solutions developed over 27 years give us the expertise to successfully complete your next crossing.

### CommCorp Utility Services

86 Route 526  
Allentown, NJ 08501  
Tel: (609) 259-5480; Fax: (609) 259-5581  
E-mail: info@commcorp.com  
Contact: Hal Boston or Michael Spencer  
Maximum Pipe Diameter: 60 in.  
Maximum Pullback: 400,000 lbs.  
Maximum Torque: 40,000 ft./lbs.

### COE Drilling

11-13 Gibbs Street  
Labrador, QLD 4215  
Australia  
Tel: +617 5573 7692; Fax: +61 5573 7381  
E-mail: dimce@coedrilling.com.au;  
e.foley@coedrilling.com.au  
Contact: Eamon Foley or Dimcesi Jakovski  
3 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 42  
Maximum Pullback: 680,000  
Maximum Torque: 74,000  
COE Drilling specializes in shore landings  
utilizing a forward thrusting methodology, which  
eliminates the need of a lay barg. Visit [www.coedrilling.com.au/technique.htm](http://www.coedrilling.com.au/technique.htm).

### Davis Corp.

PO Box 177  
Healdton, OK 73438-0177  
Tel: (580) 229-1280; Fax: (580) 229-1293  
E-mail: davcor@brightok.net  
2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 36 in.  
Maximum Pullback: 380,000 lbs.  
Maximum Torque: 60,000 ft./lbs.  
Davis Corporation operates two large-scale  
directional drilling rigs in the Mid-Continent  
region of the U.S. We have been in business since  
1962 and in directional drilling since 1989.

### Direct Horizontal Drilling

PO Box 4027  
Spruce Grove, AB  
Canada T7X 3B2  
Tel: (780) 960-6037; Fax: (780) 960-6038  
Contact: Don Shipalesky  
E-mail: donship@directhorizontal.com  
2 rigs offering over 150,000-lbs. pullback  
Maximum Pipe Diameter: 48 in.  
Maximum Pullback: 330,000 lbs.  
Maximum Torque: 48,000 ft./lbs.

### Distribution Construction Co.

PO Box 19991  
Greensboro, NC 27419  
Tel: (336) 294-9487; Fax: (336) 854-8909  
E-mail: dcco@dccogso.com  
Contact: Chuck Fox  
3 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 30 in.  
Maximum Pullback:  
220,000 lbs.



### Drilex Systems

2001 Rankin Rd.  
Houston, TX 77073  
Tel: (800) 421-2056; Fax: (713) 849-4369  
Contact: Steve Scheffer  
Maximum Pipe Diameter: 36 in.  
Maximum Pullback: 140,000 lbs.  
Maximum Torque: 24,000 ft./lbs.  
Horizontal directional drilling and engineering  
firm. Specially designed fluids control system and  
extensive experience with downhole drilling  
motors allows Drilex to successfully complete  
crossings through rock and other formations.

### Drilled Crossings

LA Hwy. 31  
Arnaudville, LA 70512  
Tel: (337) 754-7802; Fax: (337) 754-7804  
E-mail: hrcpres@juno.com  
Contact: John Richard  
1 rig offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 60 in.  
Maximum Pullback: 500,000 lbs.

Maximum Torque: 80,000 ft./lbs.

The oldest, continually operating international  
company in the industry, Drilled Crossings has  
installed directionally drilled pipeline crossings in  
soft and hard rock conditions throughout the U.S.  
and abroad.

# Large Directional Drilling Rig Census

## DrillTec GUT GmbH

Am Tegelberg 1  
94469 Deggendorf  
Germany  
Tel: +49 991-330-510; Fax: +49 991-330-549  
E-mail: 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.  
Working on all continents, with branches in Australia and Russia with more than 10 partners around the world. Underground utility installation in all soil types up to lengths of 9,900 ft.



## Driver Pipeline Co.

3316 Industrial Drive  
Pearland, TX 77581  
Tel: (281) 482-4019; Fax: (281) 482-9357  
E-mail: tystrick@airmail.net  
Contact: Jimmy Wagstaff  
2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 42 in.  
Maximum Pullback: 500,000 lbs.  
Maximum Torque: 52,000 ft./lbs.

## Dynamic Cable Construction

591 VZCR 4823  
Ben Wheeler, TX 75754  
Tel: (903) 849-2747; Fax: (903) 849-2748  
E-mail: dynamicred@aol.com  
Contact: Mickey Redwine  
2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 36 in.  
Maximum Pullback: 200,000 lbs.  
Maximum Torque: 40,000 ft./lbs.  
We specialize in unusually tough crossings throughout the United States. We want the jobs others fail on or don't want! Small rigs also are available.

## Enterprise "Beta" S.A.

163 Wolczynska Str.  
01-919 Warsaw, PL  
Tel: 0048-22-864-6970; Fax: 0048-22-864-8208  
E-mail: betasa@betasa.com.pl  
Contact: Mirosztan Makuch, ext. 143  
1 rig offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 5 in.  
Maximum Pullback: 45 tons  
Maximum Torque: 19,500 ft./lbs.  
Construction of steel and HDPE pipelines for the gas industry, telecommunications and water/sewage management. Achievements: 1,060 m of DN200; maximum diameter DN700.

## Environmental Crossings

868 Robinwood Ct.  
Traverse City, MI 49686  
Tel: (231) 929-1242; Fax: (231) 941-7412  
E-mail: info@ecihdd.com  
Contact: Bruce Brasher  
5 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 48 in.  
Maximum Pullback: 1,100,000 lbs.  
Maximum Torque: 90,000 ft./lbs.

Full line of HDD capabilities including design assistance. Specialists in shore approach projects.



## Gabe's Construction Company

4804 North 40th Street  
Sheboygan, WI 53083  
Tel: (920) 459-2600, x310; Fax: (920) 459-2680  
E-mail: tgabes@gabes.com  
Contact: Tim Gabrielse  
2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 36 in.  
Maximum Pullback: 350,000 lbs.  
Maximum Torque: 50,000 ft./lbs.  
National HDD contractor for pipelines, conduits, telecommunications systems, watermains and sewers.



## Harbert International Establishment S.A.

Manuel Tamayo #540 Y Victor Martillo,  
Sector "El Eden"  
Quito, Ecuador 17-03-95  
Tel: (011) 593-23-281-191;  
Fax: (011) 59-23-280-907  
E-mail: robertsb@harbert.com.ec  
Contact: Ben Roberts  
1 rig offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 48 in.  
Maximum Pullback: 500,000 lbs.  
Maximum Torque: 85,000 ft./lbs.  
Offers horizontal directional drilling services worldwide including design, construction, drilling, inspection and consulting.

## Harding Directional Drilling

10711 Spur 231  
Bryan, TX 77807  
Tel: (979) 778-2691; Fax: (979) 778-3312  
E-mail: 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: 48,000 ft./lbs.  
Full-service directional drilling company serving the continental U.S., Canada and Mexico.

## Haustadt & Timmermann Bohrtechnik

Bergheimer Str. 121  
Duisburg, Germany D-47228  
Tel: (+49) 206569030; Fax: (+49) 20656903370  
E-mail: bohrtechnik.ht@t-online.de  
Contact: Ben Boere  
3 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 1,500 mm  
Maximum Pullback: NA  
Maximum Torque: 44,280 ft./lbs.  
H&T is a European pipeline construction company working for the oil, gas and water industries. H&T operates 10 HDD rigs up to 400-tons pullback force.



## Henkels & McCoy Inc.

985 Jolly Rd.  
Blue Bell, PA 19422-0900  
Tel: 1-888-HENKELS; Fax: (215) 283-7939

E-mail: marketing@henkels.com  
Contact: Clint Veal (503) 255-5125  
2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 40 in.  
Maximum Pullback: 500,000 lbs.  
Maximum Torque: 50,000 ft.-lbs.



Henkels & McCoy has been actively involved with directional drilling for many years, having successfully completed crossings involving virtually every formation and working condition.

## Horizontal Boring & Tunneling Co.

505 S. River Ave.  
Exeter, NE 68351  
Tel: (402) 266-5347; Fax: (402) 266-5377  
Contact: Brent L. Moore  
2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 36 in.  
Maximum Pullback: 400,000 lbs.  
Maximum Torque: 25,000 ft./lbs.  
Specializing in rock formations. Several smaller rigs also. Over 30 years experience in other trenchless methods including tunneling, pipe jacking, microtunneling, auger boring and pipe ramming.



## Horizontal Drilling International

"Immeuble le Guillaumet"  
60 Avenue du President Wilson  
92046 Paris La Defense, France  
Tel: 33-1-55-91-09-09; Fax: 33-1-55-91-09-05  
E-mail: contact@hdi.fr  
Contact: Denis Pellerin  
7 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 60 in.  
Maximum Pullback: 800,000 lbs.  
Maximum Torque: 100,000 ft./lbs.  
HDI has installed HDD crossings under all types of obstacles in various types of soil - more than 2,000 crossings have been installed to date in 34 countries, lengths up to 1,800 meters long and up to 48 in. in diameter.



## Hydro Soil Services

Scheldedijk 30  
Zwijndrecht Belgium 32070  
Tel: (011) 32-3-250 53 11;  
Fax: (011) 32-3-250 56 51  
E-mail: Driessers.Inez@dredging.com  
Contact: Lucas Bols  
2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 48 in.  
Maximum Pullback: 500,000 lbs.  
Maximum Torque: 60,000 ft./lbs.  
Specialized in large diameter, long lengths and marine applications such as landfills, outfalls or water-to-water drilling.

## InterCon Construction Inc.

2880 Commerce Park Drive  
Madison, WI 53719-5129  
Tel: (608) 227-7473; Fax: (608) 227-7470  
Web: www.intercon-const.com  
Contact: Steve Allen

5 rigs offering over 100,000-lbs. pullback  
Maximum Pullback: 1,000,000 lbs.  
Maximum Torque: 100,000 ft./lbs.



Offer full range of services - design, estimates, pipe services, horizontal directional drilling, intersect drilling and total project management. Lengths in excess of 7,400 ft.

#### Isaacks Directional Drilling

PO Box 1112  
Aransas Pass, TX 78335  
Tel: (361) 758-7297; Fax: (361) 758-8397  
E-mail: [issacks@pelicancoast.net](mailto:issacks@pelicancoast.net)  
Contact: Monty Scruggs

4 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 30 in.  
Maximum Pullback: 250,000 lbs.  
Maximum Torque: 30,000 ft./lbs.

Isaacks Directional Drilling has 4 directional rigs available for service throughout the U.S., Mexico and Canada.

#### Japan Drilling Co., Ltd.

Shinhoridome Bldg.  
2-4-3 Horidome-cho, Nihonbashi  
Chuo-ku, Tokyo, 103-0012, Japan  
Tel: (011) 81-3-5847-5858; Fax: (011) 81-3-5644-5703

E-mail: [hdd@jdc.co.jp](mailto:hdd@jdc.co.jp)  
Contact: Shohei Kato

2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 48 in.  
Maximum Pullback: 330,000 lbs.  
Maximum Torque: 48,000 ft./lbs.

We cope with every condition of HDD using our expertise and technical development.

#### Kamloops Augering Ltd.

10085 Dallas Dr.  
Kamloops, BC V2C 6W6  
Canada  
Tel: (250) 573-7814; Fax: (250) 573-7815

Maximum Pipe Diameter: 48 in.  
Maximum Pullback: 500,000 lbs.  
Maximum Torque: 47,000 ft./lbs.

The rig was built for overseas and Pacific Rim countries. Robbins HDD built the rig and Kamloops built the mud system.

#### LMR Drilling GmbH

Ammerlaender Heerstrasse 368  
D-26129 Oldenburg, Germany  
Tel: (49) 0441-971-91-0;  
Fax: (49) 0441-971-91-91  
E-mail: [info@lmr-drilling.de](mailto: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.

#### Laney Directional Drilling Co.

PO Box 1449  
Humble, TX 77347  
Tel: (281) 540-6615; Fax: (281) 540-6727  
E-mail: [gbell@laneydrilling.com](mailto:gbell@laneydrilling.com)  
Contact: Grady Bell

13 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 54 in.  
Maximum Pullback: 1,700,000 lbs.  
Maximum Torque: 110,000 ft./lbs.



Highly portable drilling services include support equipment for the most difficult large diameter, longer projects. From clays to rock and gravel to silty sands.

# Large Directional Drilling Rig Census

## Longbore Ltd.

20 Caputhall Rd.  
Livingston, West Lothian  
Scotland, U.K. EH54 8AS  
Tel: (011) 44-1506-461166;  
Fax: (011) 44-1506-461188  
E-mail: company@longbore.co.uk  
Contact: Ross Henderson  
2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 24 in.  
Maximum Pullback: 140,000 lbs.  
Maximum Torque: 25,000 ft./lbs.  
Longbore Limited operates two maxi rigs from an office in the United Kingdom; specializing in hard rock installations, outfalls and environmental wells.

## Mears/HDD, LLC

901 Ridgeway Ave.  
Aurora, IL 60506  
Tel: (888) 263-2300;  
Fax: (630) 433-9878  
E-mail: hdd@mears.net  
Contact: Adam Bosch or Scot Fluharty  
14 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 60 in.  
Maximum Pullback: 880,000 lbs.  
Maximum Torque: 90,000 ft./lbs.  
Mears/HDD, LLC is an international, experienced horizontal directional drilling contractor with completed crossings in excess of 7,100 ft. We work with engineering firms, owner companies, utility, pipeline and communications contractors – installing pipelines, conduits and environmental remediation wells. Mears has mini, mid-sized and large, self-contained drilling rigs capable of meeting a variety of crossing requirements.



## Mears Group Inc.

4500 N. Mission Rd.  
Rosebush, MI 48878  
Tel: (800) 632-7727; Fax: (989) 433-2979  
E-mail: allen.wishon@mears.net  
Contact: Allen Wishon  
14 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 60 in.  
Maximum Pullback: 880,000 lbs.  
Maximum Torque: 90,000 ft./lbs.  
Mears Group Inc. is an international, experienced horizontal directional drilling contractor with crossing capability of up to 7,100 ft. in length. We work with engineering firms, owner companies, utility, pipeline and communications contractors – installing pipelines, conduits and environmental remediation wells. Mears has mini, mid- and large-sized, self-contained drilling rigs capable of meeting a variety of crossing requirements.



**APCA**



## Michels Corporation

817 W. Main Street  
Brownsville, WI 53006  
Tel: (920) 583-3132; Fax: (920) 583-3429  
Contact: Robert H. Westphal or Tim McGuire  
17 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 60 in.  
Maximum Pullback: 1,200,000 lbs.  
Maximum Torque: 160,000 ft./lbs.



Tie into an industry leader in horizontal directional drilling. Completed crossings up to 15,000 ft. long and 48-in. diameter; 65 rigs available.

## Murphy Brothers

3150 Fifth Ave.  
East Moline, IL 61244  
Tel: (309) 752-1227; Fax: (309) 752-1281  
Contact: Michael D. Murphy  
2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 48 in.  
Maximum Pullback: 550,000 lbs.  
Maximum Torque: 65,000 ft./lbs.



## Nacap Asia Pacific (Thailand) Co., Ltd.

29/199 Moo 1 Tungsonghong  
Laksi Bangkok 10210  
Thailand  
Tel: +66 2 5751535; Fax: +66 2 5750827  
E-mail: dmcombie@nacap.co.th  
Contact: Duncan McCombie  
3 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 36 in.  
Maximum Pullback: 660,000 lbs.  
Maximum Torque: 74,000 ft./lbs.  
Specialize in landfill HDD, swamp and river crossings with extensive expertise, experience and construction equipment based in the Southeast Asia region.

## Nacap Drilling Sdn Bhd

50-11-09, 11th Floor  
Wisma UOA Damansara  
50 Jalan Dungun, Damansara Heights  
Kuala Lumpur 50490  
Malaysia  
Tel: +603 2093 7100; Fax: +603 2093 7080  
E-mail: nacap@nacap.com.my  
Contact: Duncan McCombie  
4 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 52 in.  
Maximum Pullback: 700,000 lbs.  
Maximum Torque: 80,000 ft./lbs.  
Nacap Drilling Sdn Bhd specializes in installing crossings and shore approaches for clients in the oil and gas, water, power and telecommunication sectors throughout the Asia Pacific region.

## Nacap b.v.

Machlaan 5  
9761 TK Eelde  
(PO Box 46, 9750 AA Haren)  
The Netherlands  
Tel: +31 (0)50 599 12 00;  
Fax: +31 (0)50 599 12 22  
E-mail: info@nacap.nl

Contact: Jo Eising  
4 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 60 in.  
Maximum Torque: 88,000 ft./lbs.  
As a specialist in HDD, Nacap offers a complete package of services, from design and work preparation to execution and commissioning.

## Nella Drilling

118 Rue De La Gare  
St. Henri, Quebec  
Canada G0R 3E0  
Tel: (418) 882-2002; Fax: (418) 882-2721  
E-mail: info@nella-drilling.com  
Contact: Gill Tardif  
2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 48 in.  
Maximum Pullback: 750,000 lbs.  
Maximum Torque: 92,000 ft./lbs.

## Ranger Directional

200 Ida Road  
Broussard, LA 70518  
Tel: (337) 837-5447; Fax: (337) 837-2409  
E-mail: bsimon@rangerdirectional.com  
Contact: Boyd Simon  
1 rig offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 30 in.  
Maximum Pullback: 140,000 lbs.  
Maximum Torque: 30,000 ft./lbs.  
Ranger consistently places the required product to customer specifications and takes pride in our reputation as a company that efficiently and safely gets the job done.

## San Antonio, S.A.

Viamonte 1133, Piso 6  
Buenos Aires, Argentina 1053  
Tel: 00541-4370500; Fax: 4370-5500  
E-mail: lberney@pride-ar.com.ar  
Contact: Lucio Berney  
1 rig offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 24 in.  
Maximum Pullback: 140,000 lbs.  
Maximum Torque: 25,000 ft./lbs.  
Crossings up to 3,000 ft., 24-in. pipe in Peru, Bolivia, Chile, Argentina, Brazil and Uruguay.

## G.B. "Boots" Smith Drilling

PO Drawer 1987  
Laurel, MS 39441  
Tel: (601) 649-1220; Fax: (601) 649-3533  
Contact: Billy Cleveland  
1 rig offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 48 in.  
Maximum Pullback: 400,000 lbs.  
Maximum Torque: 57,000 ft./lbs.  
Capable of performing all horizontal directional drilling related work with a complete pipe-side assistance crew and equipment.

## Southeast Directional Drilling

2323 South Hardy Dr.  
Tempe, AZ 85282  
Tel: (480) 222-4440; Fax: (480) 222-4443  
E-mail: info@southeastdrilling.com  
Contact: Eddie Ramos  
4 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 60 in.

Maximum Pullback: 1,400,000 lbs.  
Maximum Torque: 140,000 ft./lbs.  
56-in. HDD world record holder. Southwest Directional Drilling is capable of drilling in lengths in excess of 6,400 ft. and sizes up to 60-in. diameter pipe.



#### **Spalj Construction Company**

Co. Rd. 12  
PO Box 428  
Deerwood, MN 56444  
Tel: (218) 546-6022;  
Fax: (218) 546-8243



#### **Spring and Associates Inc.**

29565 Chilcutt Rd.  
Easton, MD 21601  
Tel: (410) 822-0485; Fax: (410) 820-9096  
E-mail: rspring@springgroup.net  
Contact: Rodney Spring  
2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 48 in.  
Maximum Pullback: 250,000 lbs.  
Maximum Torque: 32,000 ft./lbs.

#### **Sunland Directional Drilling**

PO Box 1087  
Eunice, LA 70534  
Tel: (318) 546-0241; Fax: (318) 546-0245  
Contact: James Daigle  
2 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 40 in.  
Maximum Torque: 30,600 ft./lbs.

#### **The Crossing Company**

1807 8th Street  
Nisku, AB  
Canada T9E 7S8  
Tel: (780) 955-5051; Fax: (780) 955-5056  
E-mail: lbriscoe@thecrossingcompany.com  
Contact: Lon Briscoe  
7 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 42 in.  
Maximum Pullback: 850,000 lbs.  
Maximum Torque: 115,000 ft./lbs.  
The Crossing Company operates a fleet of HDD cold weather maxi rigs and regularly works in temperatures of -40o C.

#### **UTILX Corp.**

PO Box 97009  
Kent, WA 98064  
Tel: (253) 395-0200; Fax: (253) 395-1040  
E-mail: info@utilx.com  
Contact: George Taylor  
1 rig offering 100,000-lbs. pullback  
Maximum Pipe Diameter: 24 in.  
Maximum Pullback: 100,000 lbs.  
Maximum Torque: 25,000 ft./lbs.

#### **Visser & Smit Hanab BV**

Rietgorsweg 6  
PO Box 305, 3350  
AH Papendrecht, The Netherlands  
Tel: (011) 31 78 641 7222  
Fax: (011) 31 786 155163  
E-mail: hanab@wxshl  
Contact: Ringets JA  
4 rigs offering over 100,000-lbs. pullback  
Maximum Pipe Diameter: 48 in.  
Maximum Pullback: 650,000 lbs.  
HDD rigs available throughout the year.