



BRANCH LOCATIONS

APE WEST COAST

2985 Loomis Rd.
Stockton, CA 95205
Ph: (209) 942-2166
Fx: (209) 942-2455
(888) 245-4401
chrisc@apevibro.com

APE GULF

3975 FM Hwy 1485
Conroe, TX 77306
39266 Doyle Dr., Ste. A
Gonzales, LA 70737
Ph: (936) 271-1044
Fx: (936) 271-1046
(800) 596-2877
joew@apevibro.com

APE NORTHEAST

401 Hartle St.
Sayreville, NJ 08872
Ph: (732) 432-6604
Fx: (732) 432-6608
(888) 217-7524
billz@apevibro.com
paulk@apevibro.com

APE MID-WEST

50 Gerber Industrial Dr.
St. Peters, MO 63376
Ph: (636) 397-8400
Fx: (636) 278-4278
(877) 296-8044
edc@apevibro.com

APE MID-ATLANTIC

500 Newtown Rd., #200
Virginia Beach, VA 23462
Ph: (757) 518-9740
Fx: (757) 518-9741
(866) 399-7500
jimmyd@apevibro.com

APE SOUTHEAST

1345 Industrial Park Rd.
Mulberry, FL 33860
Ph: (863) 324-0378
Fx: (863) 318-9409
(800) 570-3844
jimb@apevibro.com
jimc@apevibro.com
wallyb@apevibro.com

APE CORPORATE

7032 South 196th St.
Kent, WA 98032
Ph: (253) 872-0141
Fx: (253) 872-8710
(800) 248-8498
stevec@apevibro.com
kellyg@apevibro.com
chrisw@apevibro.com

APE CANADA

1002 7th Street
Nisku, Alberta T9E 7P2
Ph: (780) 474-9888
(855) 328-9888
larrym@apevibro.com
coling@apevibro.com

APE BRAZIL

Rodovia Raposo Tavares Km, 22
Sala 517- Bloco E
Granja Vianna-Cotia-SP 06707
Ph: (+55) 1-197-238-9308
(863) 660-8716
jimc@apevibro.com

APE MEXICO

Avenida Periferico Sur 7800
Sta. Ma Tequetexpan
Tlaquepaque, Guadalajara Jalisco
Mexico CP. 45601
Ph: (786) 991-6875
Fx: (253) 872-8710
1-877-457-5022
frankis@apevibro.com



APE HD™ DRIVERS

DEEP FOUNDATIONS SOLUTIONS



The APE product line is protected by, but not limited to the following patent numbers:
5088565A, 5117925A, 5263544A, 5529132A, 5544979A, 5609380A, 5653556A,
5794716A, 6039508A, 6386295B1, 6427402B1, 6431795B2, 6447036B1, 6543966B2,
6648556B1, 6672805B1, 6732483B1, 6736218B1, 6896448B1, 6908262B1, 6942430B1,
6988564B2, 7168890B1, 7392855B1, 7694747B1, 7708499B1, 7824132B1, 7854871B1,
7913771B2, 7950876B2, 7950877B2, 8070391B2, 8181713B2, 8186452B1, 8434969B2,
8496072B2, 20090200055A1. For a more detailed information and a more comprehensive
list of APE patents please visit the website at www.apevibro.com/ver2/APEpatents.asp.

800-248-8498

WWW.APEVIBRO.COM



800-248-8498

WWW.APEVIBRO.COM

APE HD™ DRIVERS

APE has pioneered excavator mounted drivers that handle the pile from the ground into position, and easily connect threaded sections. These high power systems (up to 300,000 ft-lb of torque) are powerful fast systems that show up to the job ready to work after unloading from the trailer. No more power unit, this equipment is self-contained and can be attached to rental equipment in a couple hours with no intrusion into the electrical or hydraulic systems of the excavator.

THROUGH HOLE GROUT CAPABILITY

- Install dry or wet (grouted) for additional capacity
- Grout during installation to create soil mixing around entire piles
- Grout post installation with the APE patented push out tip
- Post installation grouting creates Caltrans approved micro pile
- Grouted helical pile for soil arching walls with grout injection



HD DRIVERS								
Type		HD20	HD50L	HD70	HD80	HD150	HD200	HD280
Low Speed High Torque	Torque ft-lbs (kg-m)	3,040 per 1,000 psi (420 per 69 bar)	7,700 per 1,000 psi (1,065 per 69 bar)	12,122 per 1,000 psi (1,676 per 69 bar)	14,528 per 1,000 psi (2,009 per 69 bar)	26,727 per 1,000 psi (3,695 per 69 bar)	40,029 per 1,000 psi (5,534 per 69 bar)	53,330 per 1,000 psi (7,373 per 69 bar)
	Max Pressure	4,500 psi (310 bar)	4,500 psi (310 bar)	4,640 psi (320 bar)	5,075 psi (350 bar)	5,000 psi (345 bar)	5,000 psi (345 bar)	5,000 psi (345 bar)
	Rotation Speed	50 rpm	38 rpm	30 rpm	29 rpm	27 rpm	18 rpm	13.5 rpm
	Max Flow gpm (lpm)	55 @ 1.11 gal/rev (208 @ 4.20 lit/rev)	100 @ 2.65 gal/rev (379 @ 10 lit/rev)	120 @ 3.96 gal/rev (454 @ 14.99 lit/rev)	145 @ 4.99 gal/rev (549 @ 18.89 lit/rev)	250 @ 9.31 gal/rev (946 @ 35.24 lit/rev)	250 @ 13.94 gal/rev (946 @ 52.77 lit/rev)	250 @ 18.57 gal/rev (946 @ 70.30 lit/rev)
	Max Horse Power	144 hp (107 kW)	180 hp (196 kW)	325 hp (242 kW)	429 hp (320 kW)	700 hp (522 kW)	700 hp (522 kW)	700 hp (522 kW)
High Speed Low Torque	Torque ft-lbs (kg-m)	4,638 per 1,000 psi (641 per 69 Bar)	N/A	5,758 per 1,000 psi (796 per 69 bar)	7,267 per 1,000 psi (1005 per 69 bar)	N/A	N/A	N/A
	Max Pressure	3,000 psi (207 bar)	N/A	3,000 psi (207 bar)	5,075 psi (350 bar)	N/A	N/A	N/A
	Rotation Speed	99 rpm	N/A	61 rpm	58 rpm	N/A	N/A	N/A
	Max Flow gpm (lpm)	55 @ 0.55 gal/rev (208 @ 2.61 lit/rev)	N/A	120 @ 1.66 gal/rev (454 @ 6.28 lit/rev)	145 @ 2.46 gal/rev (549 @ 9.31 lit/rev)	N/A	N/A	N/A
	Max Horse Power	96 hp (72 kW)	N/A	210 hp (157 kW)	429 hp (320 kW)	N/A	N/A	N/A
Weight (w/Clamp) ** = No Clamp	2,500 lb (1,134 kg)	3,800 lb* (1,723 kg*)	8,640 lb (3,919 kg)	8,440 lb (3,828 kg)	11,850 lb (5,374 kg)	14,500 lb (6,576 kg)	19,400 lb (8,798 kg)	
Depth	18 in (457 mm)	25 in (635 mm)	24 in (610 mm)	24 in (610 mm)	24 in (610 mm)	29.5 in (749 mm)	29.5 in (749 mm)	
Width	28 in (711 mm)	53 in (1,499 mm)	61 in (1,549 mm)	61 in (1,549 mm)	61 in (1,549 mm)	70 in (1,778 mm)	70 in (1,778 mm)	
Height ** = No Clamp	52 in (1,321 mm)	59 in* (2,133 mm)	99 in (2,515 mm)	97 in (2,464 mm)	109 in (2,769 mm)	120 in (3,048 mm)	132 in (3,353 mm)	
Minimum Excavator Capacity Example Listed	28,000 lb (12,701 kg) CAT 312D	44,000 lb (19,958 kg) CAT 320D	56,440 lb (25,601 kg) CAT 320E	56,440 lb (25,601 kg) CAT 320E	117,500 lb (53,297 kg) CAT 349E	156,000 lb (70,760 kg) CAT 374D	156,000 lb (70,760 kg) CAT 374D	

* Equipment weight for HD50 models does not include clamp

¹ Torque specs are based on motor supplier data

² Speed and flow are based on typical excavator setup

VERSATILITY

- Down the Hole Hammer
- Auger Attachment
- Mount to Skid, Excavator or Leads
- Light, Fast Crews



LOW HEADROOM CONFIGURATION

- Low overhead operations down to 6 feet
- Powerful light power units move easily
- Smaller diameter hoses are easier to handle
- Most efficient low overhead pile in the business
- Operate with light, fast crews

