

DUCKBILL® ANCHORS

THE MOST TRUSTED NAME IN LIGHT LOAD DRIVEN EARTH ANCHORS

Duckbill® driven anchors are the earth anchoring gold standard. The patented anchor system provides both labor and time savings—immediate, verifiable capacity, no digging, and no concrete. DuckBill® anchors are driven into the ground using either hand tools or small portable power equipment, providing a safe and environmentally-friendly anchoring solution.



300-5,000

LBS CAPACITY IN NORMAL SOILS

4

STEP INSTALL

4

CORE MODELS

0

CURE TIME

BENEFITS

- Fast, easy installation
- No holes, digging, or concrete
- Immediate, verifiable capacity
- Proof-loadable on the jobsite
- Minimal soil disturbance
- Lightweight, portable equipment
- Economical to install
- Stable drive-plane angle
- Customizable per application

APPLICATIONS

- Tree & rootball anchoring
- Erosion control
- Slope Stabilization
- Turf reinforcement
- Gabions & tree revetment
- Guy wire & utility anchoring
- Fences, sheds & structures
- Theft deterrent / tie-downs

INSTALLATION

- Hand-driven (sledge hammer)
- Electric hammer drill
- Hydraulic / air hammer
- Mechanized jack hammer
- Power drive steel

CAPACITY RANGE

- 300 lbs to 5,000 lbs
- Soil-dependent holding
- Four core models

DUCKBILL® INSTALLATION



1 DRIVE ANCHOR
Drive the anchor to depth with a drive-steel rod and hammer. A jack hammer or power drive steel can be used for harder soils.



2 REMOVE DRIVE STEEL
Once the anchor reaches the specified depth, withdraw the drive steel. The anchor stays in the soil.



3 PULL ON TENDON
Apply an upward pull on the wire rope or cable tendon to rotate the anchor into position.



4 LOAD LOCKED
The anchor rotates into a perpendicular, load-locked position in undisturbed soil.

MODELS & ASSEMBLIES

Anchor Heads & Multi-purpose

- GALVANIZED WIRE ROPE
- STAINLESS STEEL WIRE ROPE
- BAIT STATIONS
- TURF REINFORCEMENT

Tree Support & Root Ball Kits

- GUYLINE KITS FOR UP TO 11" DIAMETER
- ROOT BALL TIEDOWNS FOR UP TO 6" DIAMETER

Turf Reinforcement

- TR-40-WG AUTOMATIC WIRE GRIP ASSEMBLY; 37" LENGTH

Equipment & Drive Steel

- LOAD LOCKING JACK
- POWER OPERATED DRIVE STEEL
- EQUIPMENT PURCHASE & RENTAL AVAILABLE

MODEL	WORKING CAPACITY	ULTIMATE CAPACITY	ANCHOR WEIGHT
40-DB	300 lbs [1.33 kN]	900 lbs [4.0 kN]	1.0 oz [28 g]
68-DB	1,100 lbs [4.89 kN]	1,650 lbs [7.3 kN]	4.5 oz [128 g]
68-DB-DI	Up to 2,500 lbs (hard soil)	3,700 lbs [16.5 kN]	—
88-DB	3,000 lbs [13.39 kN]	6,000 lbs [26.7 kN]	14 oz [397 g]
88-DB-DI	Up to 6,750 lbs [hard soil]	10,000 lbs [44.5 kN]	—
138-DB	5,000 lbs [22.24 kN]	10,000 lbs [44.5 kN]	2.5 lbs [1.1 kg]

