

GILL ROCK DRILL COMPANY, INC.

**Manufacturer and Distributor of Products
for the Drilling Industry**



THE GILL BEETLE

*A Versatile, Low Cost,
All Terrain Down The Hole
Drilling Machine For 4" to 24"
Drill Applications*

*It takes dependability
to build a reputation.
Gill Rock Drill Company
since 1915.*



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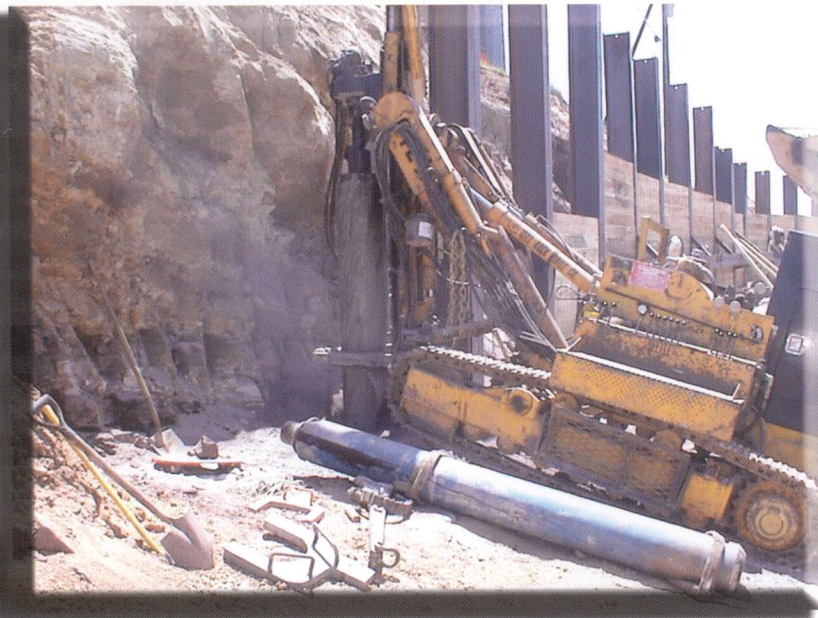
ALL TERRAIN CAPABILITY

NEGOTIATING ROUGH TERRAIN

IS NO PROBLEM FOR THE

GILL BEETLE

The compressed air supply is separate from the drill. This allows the air supply to be positioned away from the dust and vibration of drilling while allowing the drill to operate on slopes, pinnacles, and narrow benches without leveling jacks.



Heavy duty crawlers, hydraulically powered, give the Gill Beetle maximum maneuverability over the toughest terrain. The low center of gravity makes the Gill Beetle extremely stable on uneven ground. With the optional winch, the Gill Beetle can drill safely on extremely steep slopes.



BECAUSE NOT ALL DRILLING IS THE SAME

The Gill Beetle is a versatile, down-the-hole, crawler drill that can produce hole sizes from 4" to 24" in diameter. Now, depending on the options you choose, the Gill Beetle performs in mining applications as well as construction, environmental, utility, and water well work.

**ONE MACHINE TO MEET
ALL YOUR DRILLING NEEDS**

WHATEVER THE ANGLE.

The Gill Beetle can drill holes at any angle from vertical to horizontal with its flexible boom and mast. Incline drilling and toe holes are also no problem with the unique boom and mast design. The Gill Beetle Model 140 can drill parallel to the ground at a minimum height of only 18 inches (45 cm).

EASY DRILL PIPE CHANGES.

The standard breakout hydraulic rotation carousel holds six pieces of 10 foot (3.05 m) 3 1/2" or 4" O.D. drill pipe and is attached to the mast for easier handling. Different carousel options are available. A power wrench, hydraulically operated, installed at the foot of the mast eases joint breaking.

LUBRICATOR.

A heavy duty precision metering pump attached to the lubricator injects small flows of oil into the air stream, increasing tool life and productivity.

HEAVY DUTY CRAWLER SYSTEM.

With hydraulically powered 2 speed direct drive crawlers, the Gill Beetle can handle even the toughest ground conditions including slopes up to 30 degrees. If slope conditions are frequently encountered, the optional rear-mounted winch provides additional safety.

DUAL MOTOR ROTARY HEAD.

The Gill Beetle's powerful hydraulic rotary head provides adjustable rotation for 0 to 60 r.p.m. with smooth and instantaneous torque up to 6000 ft/lbs. for precise control under difficult drilling conditions.

RELIABLE POWER.

The Gill Beetle is powered by a Cummins Tier 2 QSB 4.5T diesel engine that drives a 2500 PSI gear pump system.

REMOTE CONTROL OPTION.

By placing an extra set of controls right next to the mast, the drill operator can change pipe unassisted, increasing the flexibility of the drilling operation.

OPERATOR CAB OPTION.

With this option, the drill operator works in a quiet, climate-controlled environment which meets the MSHA noise reduction standards.



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Low Cost Of Ownership

NOT ONLY IS THE GILL BEETLE VERSATILE

IT IS AFFORDABLE.

Compatible with air compressors that match your hole diameter specifications from 100 psi to 350 psi and from 750 cfm to 1600 cfm. Low initial capital outlay combined with superior reliability equal lower costs per foot.



The Gill Beetle can put the hole exactly where you want it, quickly and efficiently, without leveling jacks or major site preparation. The Gill Beetle is one machine that can perform all your drilling needs.

Sturdy construction and simple design make the Gill Beetle both durable and practical. Most importantly, you can always rely on Gill Rock Drill Company to provide the training and technical support you need.



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SPECIFICATIONS

STANDARD EQUIPMENT

PULLDOWN

Pulldown Force, Maximum 31,400#
 Pulldown Speed, Maximum
 (without rapid feed) 24'/Minute
 Pulldown Speed, Maximum (rapid feed) 70'/Minute

HOIST

Hoist Force, Maximum 25,400#
 Hoist Speed, Maximum (without rapid feed) . . 30'/Minute
 Hoist Speed, Maximum (rapid feed) 32'/Minute

HYDRAULIC SOURCE

70 GPM Tandem Piggyback Gear Pump
 2500-3000 PSI Maximum

POWER UNIT

Cummins QSB 4.5 T Tier 2 110 HP at 2000 RPM.

HAMMER LUBRICATOR 10 Gallon Capacity

Electric Operated
 Oil Injection

DUST CONTROL 9 Gallons/Minute

Water Pump, Bean
 Optional, Dust Collector

OPTIONAL EQUIPMENT

	ROTARY PROPEL <i>In MPH</i>	DRILL DRIVE <i>Up To 6000 Ft Lbs of Torque</i>	PIPE
Model 140	Up To 1.5	Up to 60 RPM	4" OD X 10'
Model 150C	Up To 1.2	Up to 60 RPM	4" OD X 10'
Model 200C	Up To 1.7	Up to 60 RPM	4" OD X 12'

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